FOCUS on Accuracy

Maine_2017_LiDAR

LiDAR Accuracy Assessment

Powered by Quantum Spatial

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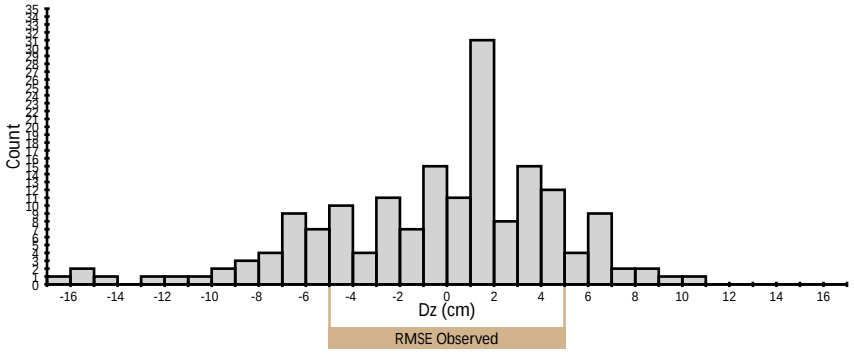
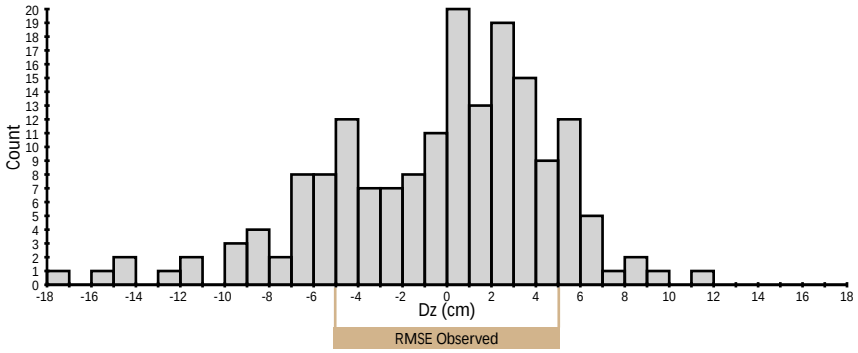
Project Summary

Nonvegetated Vertical Accuracy (Point Cloud)



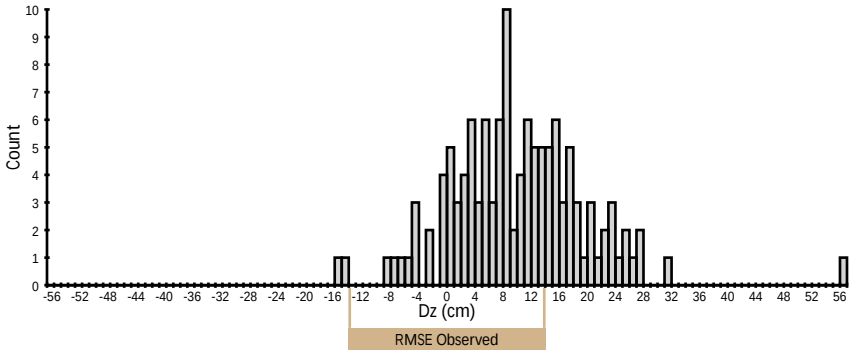
	Observed	Required
RMSE	5.05 cm	10.00 cm
95% Confidence Level	9.90 cm	19.60 cm
Mean	-0.39 cm	N/A
Count	175	N/A

Nonvegetated Vertical Accuracy (DEM)



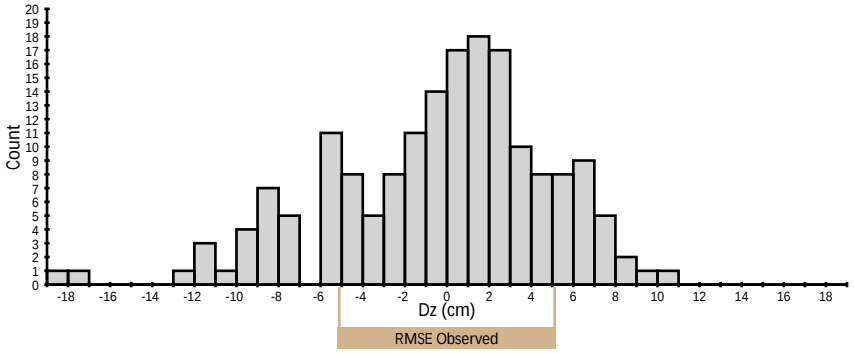
	Observed	Required
RMSE	5.09 cm	N/A
95% Confidence Level	9.98 cm	19.60 cm
Mean	-0.42 cm	N/A
Count	175	N/A

Vegetated Vertical Accuracy (DEM)



	Observed	Required
RMSE	14.05 cm	N/A
95th Percentile	25.54 cm	29.40 cm
Mean	10.06 cm	N/A
Count	123	N/A

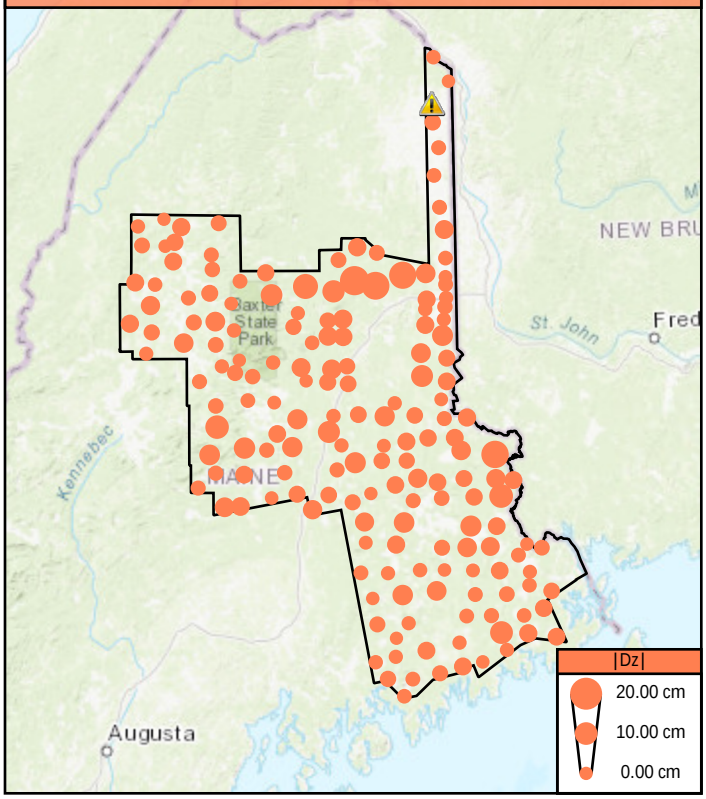
Calibration (Point Cloud)



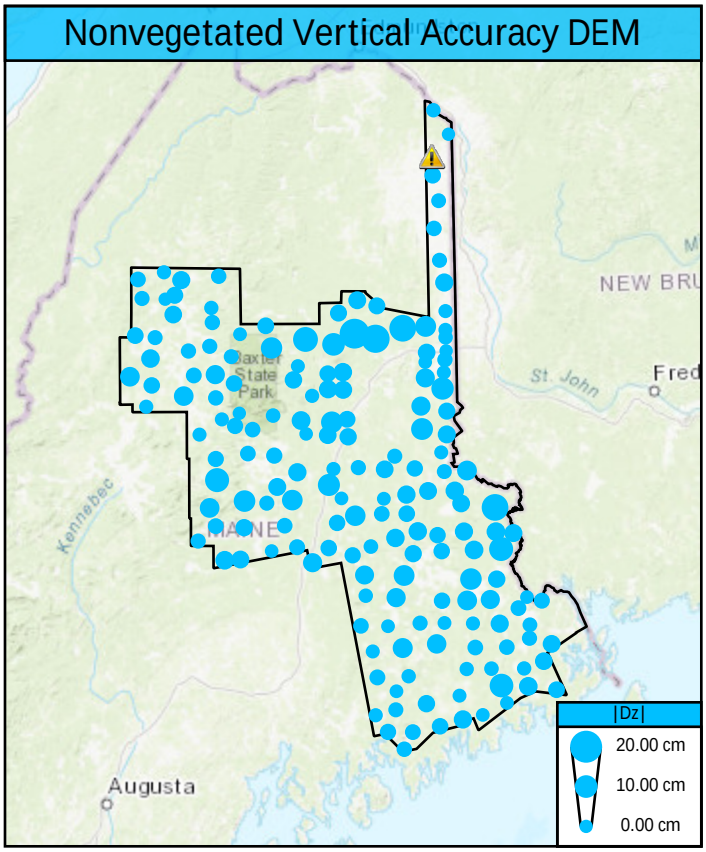
	Observed	Required
RMSE	5.18 cm	N/A
Mean	-0.30 cm	N/A
Count	176	N/A

Control Point Locations

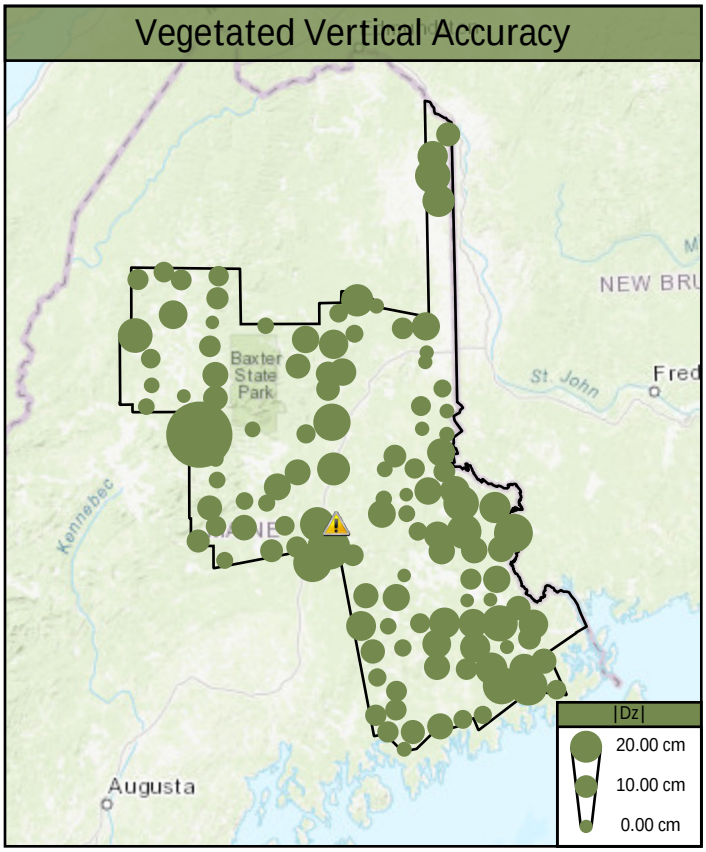
Nonvegetated Vertical Accuracy Point Cloud



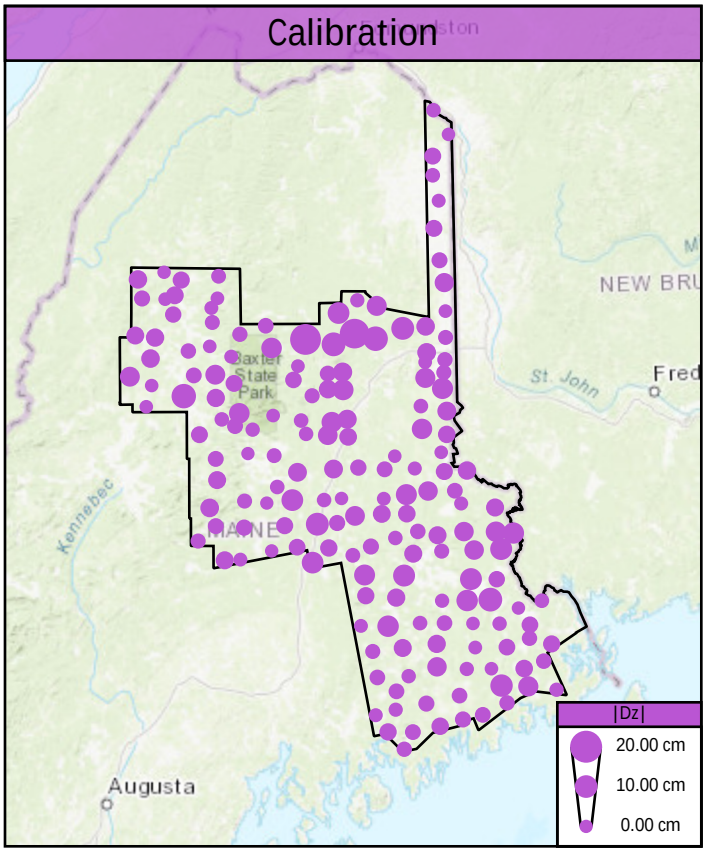
Nonvegetated Vertical Accuracy DEM



Vegetated Vertical Accuracy



Calibration



⚠ Point has been flagged as an Anomaly. See Anomaly Breakdown for exclusion details.

Control Point Breakdown

Point	Type	All Points TIN Dz	DEM Dz	Ground Density	Nearest Ground	Slope
BE01	NVA	1.50 cm	2.36 cm	2.86 ppsm	0.32 m	0.68°
BE02	NVA	3.32 cm	3.21 cm	4.00 ppsm	0.42 m	1.31°
BE03	NVA	-1.64 cm	-2.69 cm	2.97 ppsm	0.25 m	2.15°
BE04	NVA	-1.00 cm	-1.87 cm	3.25 ppsm	0.16 m	2.32°
BE05	NVA	-2.98 cm	-3.46 cm	2.37 ppsm	0.12 m	1.97°
BE06	NVA	-4.96 cm	-5.34 cm	2.94 ppsm	0.19 m	0.89°
BE07	NVA	0.30 cm	0.46 cm	2.51 ppsm	0.36 m	2.07°
BE08	NVA	1.00 cm	0.50 cm	2.51 ppsm	0.21 m	1.95°
BE09	NVA	10.11 cm	11.04 cm	3.57 ppsm	0.14 m	3.14°
BE10	NVA	5.29 cm	5.69 cm	3.04 ppsm	0.16 m	5.88°
BE100	NVA	-12.50 cm	-12.32 cm	2.37 ppsm	0.51 m	2.87°
BE101	NVA	-2.46 cm	-3.05 cm	2.97 ppsm	0.11 m	1.80°
BE102	NVA	1.89 cm	0.79 cm	2.90 ppsm	0.26 m	1.77°
BE103	NVA	-2.38 cm	-2.46 cm	2.69 ppsm	0.42 m	2.53°
BE104	NVA	2.70 cm	2.29 cm	3.01 ppsm	0.45 m	1.30°
BE105	NVA	1.00 cm	0.94 cm	3.11 ppsm	0.11 m	1.10°
BE106	NVA	6.91 cm	6.27 cm	4.46 ppsm	0.15 m	3.25°
BE107	NVA	3.98 cm	2.06 cm	3.43 ppsm	0.36 m	1.67°
BE108	NVA	2.33 cm	2.20 cm	3.43 ppsm	0.24 m	1.00°
BE109	NVA	-2.83 cm	-2.28 cm	4.07 ppsm	0.40 m	3.08°
BE11	NVA	-4.78 cm	-3.63 cm	2.44 ppsm	0.30 m	1.52°
BE110	NVA	-3.17 cm	-3.46 cm	3.04 ppsm	0.12 m	1.02°
BE111	NVA	-6.36 cm	-5.63 cm	2.86 ppsm	0.22 m	0.69°
BE112	NVA	4.93 cm	3.70 cm	2.97 ppsm	0.16 m	6.34°
BE113	NVA	-5.25 cm	-6.80 cm	3.15 ppsm	0.21 m	1.50°
BE114	NVA	4.93 cm	4.67 cm	3.25 ppsm	0.18 m	0.66°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE115	NVA	-5.33 cm	-5.17 cm	3.08 ppsm	0.43 m	2.87°
BE116	NVA	1.10 cm	2.54 cm	3.68 ppsm	0.25 m	0.54°
BE117	NVA	0.90 cm	0.72 cm	2.33 ppsm	0.25 m	2.83°
BE118	NVA	4.20 cm	3.69 cm	2.97 ppsm	0.09 m	1.92°
BE119	NVA	-6.68 cm	-6.76 cm	3.01 ppsm	0.38 m	1.85°
BE12	NVA	1.00 cm	0.66 cm	2.65 ppsm	0.27 m	0.63°
BE120	NVA	1.93 cm	2.09 cm	3.15 ppsm	0.18 m	0.85°
BE121	NVA	4.42 cm	4.00 cm	2.69 ppsm	0.11 m	4.16°
BE122	NVA	-2.76 cm	-1.96 cm	2.44 ppsm	0.20 m	2.34°
BE123	NVA	-3.00 cm	-2.70 cm	3.25 ppsm	0.11 m	1.01°
BE124	NVA	1.04 cm	0.83 cm	3.25 ppsm	0.47 m	2.11°
BE125	NVA	6.06 cm	5.85 cm	2.33 ppsm	0.51 m	6.48°
BE126	NVA	0.45 cm	1.73 cm	2.23 ppsm	0.49 m	4.16°
BE127	NVA	-1.54 cm	-2.56 cm	3.04 ppsm	0.46 m	0.77°
BE128	NVA	-1.35 cm	-1.86 cm	3.04 ppsm	0.21 m	0.86°
BE129	NVA	1.83 cm	1.06 cm	3.18 ppsm	0.26 m	4.46°
BE13	NVA	4.64 cm	4.63 cm	2.09 ppsm	0.20 m	1.40°
BE130	NVA	0.04 cm	-0.96 cm	3.25 ppsm	0.08 m	6.41°
BE131	NVA	0.26 cm	-0.01 cm	2.90 ppsm	0.23 m	2.16°
BE132	NVA	8.97 cm	8.63 cm	2.62 ppsm	0.02 m	3.05°
BE133	NVA	-0.09 cm	0.01 cm	3.32 ppsm	0.22 m	2.01°
BE134	NVA	3.17 cm	4.45 cm	2.23 ppsm	0.13 m	5.89°
BE135	NVA	1.20 cm	3.46 cm	2.41 ppsm	0.43 m	0.75°
BE136	NVA	1.22 cm	1.39 cm	2.69 ppsm	0.17 m	2.92°
BE137	NVA	3.00 cm	3.09 cm	2.65 ppsm	0.40 m	0.65°
BE138	NVA	1.64 cm	0.49 cm	2.79 ppsm	0.43 m	3.01°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE139	NVA	1.37 cm	0.98 cm	2.02 ppsm	0.31 m	2.05°
BE14	NVA	1.44 cm	1.14 cm	2.76 ppsm	0.36 m	2.74°
BE15	NVA	-2.03 cm	-1.36 cm	4.03 ppsm	0.38 m	1.53°
BE16	NVA	1.69 cm	1.08 cm	3.15 ppsm	0.15 m	0.72°
BE17	NVA	1.00 cm	1.15 cm	2.79 ppsm	0.19 m	0.62°
BE18	NVA	2.93 cm	2.80 cm	2.51 ppsm	0.33 m	1.93°
BE19	NVA	0.00 cm	0.47 cm	3.89 ppsm	0.09 m	0.36°
BE20	NVA	-0.21 cm	0.77 cm	2.51 ppsm	0.11 m	2.37°
BE21	NVA	-7.69 cm	-7.16 cm	3.01 ppsm	0.39 m	0.27°
BE22	NVA	-6.87 cm	-6.58 cm	2.44 ppsm	0.15 m	0.86°
BE23	NVA	-1.83 cm	-2.57 cm	2.30 ppsm	0.36 m	2.41°
BE24	NVA	2.62 cm	2.44 cm	2.26 ppsm	0.11 m	2.24°
BE25	NVA	1.32 cm	2.01 cm	3.78 ppsm	0.19 m	1.69°
BE26	NVA	-3.53 cm	-4.82 cm	5.02 ppsm	0.24 m	0.29°
BE27	NVA	-0.87 cm	-1.58 cm	3.15 ppsm	0.30 m	2.52°
BE28	NVA	4.68 cm	5.21 cm	2.55 ppsm	0.24 m	3.87°
BE29	NVA	-0.66 cm	-0.85 cm	2.41 ppsm	0.47 m	3.49°
BE30	NVA	-0.25 cm	-0.57 cm	2.30 ppsm	0.25 m	1.20°
BE31	NVA	1.23 cm	1.97 cm	2.55 ppsm	0.21 m	0.77°
BE32	NVA	1.01 cm	0.49 cm	2.97 ppsm	0.41 m	2.49°
BE33	NVA	1.69 cm	2.49 cm	2.76 ppsm	0.18 m	3.94°
BE34	NVA	-0.65 cm	-1.22 cm	2.90 ppsm	0.09 m	0.81°
BE35	NVA	-5.19 cm	-6.26 cm	2.76 ppsm	0.30 m	1.22°
BE36	NVA	-3.00 cm	-3.35 cm	2.26 ppsm	0.25 m	0.68°
BE37	NVA	-6.67 cm	-6.91 cm	1.95 ppsm	0.28 m	3.57°
BE38	NVA	-5.96 cm	-6.19 cm	3.08 ppsm	0.21 m	2.32°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE39	NVA	1.73 cm	2.66 cm	2.58 ppsm	0.23 m	2.44°
BE40	NVA	-8.32 cm	-8.79 cm	2.90 ppsm	0.18 m	2.52°
BE41	NVA	-11.10 cm	-11.41 cm	3.71 ppsm	0.10 m	1.57°
BE42	NVA	4.38 cm	5.74 cm	1.98 ppsm	0.27 m	0.37°
BE43	NVA	-2.55 cm	-3.42 cm	4.60 ppsm	0.17 m	2.06°
BE44	NVA	1.89 cm	4.25 cm	2.09 ppsm	0.51 m	1.30°
BE45	NVA	-7.78 cm	-8.01 cm	1.91 ppsm	0.28 m	4.43°
BE46	NVA	-6.22 cm	-6.06 cm	2.69 ppsm	0.33 m	2.78°
BE47	NVA	-0.07 cm	1.43 cm	2.44 ppsm	0.18 m	1.17°
BE48	NVA	3.00 cm	3.19 cm	2.44 ppsm	0.33 m	3.19°
BE49	NVA	6.45 cm	6.22 cm	2.16 ppsm	0.55 m	1.26°
BE50	NVA	6.35 cm	5.46 cm	2.41 ppsm	0.08 m	2.84°
BE51	NVA	4.61 cm	3.35 cm	3.22 ppsm	0.27 m	3.51°
BE52	NVA	3.94 cm	5.24 cm	2.94 ppsm	0.24 m	3.25°
BE53	NVA	-6.42 cm	-5.80 cm	2.16 ppsm	0.56 m	2.87°
BE54	NVA	-4.94 cm	-5.00 cm	2.19 ppsm	0.41 m	1.49°
BE55	NVA	-15.07 cm	-14.30 cm	2.12 ppsm	0.34 m	1.71°
BE56	NVA	3.48 cm	2.54 cm	1.73 ppsm	0.11 m	1.48°
BE57	NVA	1.98 cm	3.33 cm	2.30 ppsm	0.36 m	0.55°
BE58	NVA	4.03 cm	2.87 cm	2.65 ppsm	0.22 m	2.18°
BE59	NVA	6.69 cm	4.80 cm	2.16 ppsm	0.12 m	0.94°
BE60	NVA	3.18 cm	3.56 cm	2.23 ppsm	0.26 m	1.32°
BE61	NVA	-0.28 cm	-0.31 cm	2.90 ppsm	0.20 m	1.63°
BE62	NVA	-6.92 cm	-5.72 cm	3.01 ppsm	0.34 m	1.13°
BE63	NVA	2.32 cm	2.52 cm	3.01 ppsm	0.18 m	2.96°
BE64	NVA	-4.78 cm	-4.28 cm	2.83 ppsm	0.20 m	0.87°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE65	NVA	-2.01 cm	-2.71 cm	2.76 ppsm	0.12 m	1.90°
BE66	NVA	1.97 cm	2.01 cm	2.90 ppsm	0.18 m	2.84°
BE67	NVA	-8.63 cm	-8.81 cm	3.32 ppsm	0.19 m	2.82°
BE68	NVA	2.13 cm	1.90 cm	3.08 ppsm	0.07 m	5.22°
BE69	NVA	-7.53 cm	-7.82 cm	2.12 ppsm	0.29 m	1.30°
BE70	NVA	1.01 cm	0.37 cm	2.58 ppsm	0.25 m	1.28°
BE71	NVA	-0.65 cm	0.55 cm	2.76 ppsm	0.17 m	1.52°
BE72	NVA	-5.00 cm	-5.33 cm	2.69 ppsm	0.38 m	1.50°
BE73	NVA	4.42 cm	4.92 cm	2.33 ppsm	0.53 m	3.03°
BE74	NVA	-4.86 cm	-5.54 cm	2.58 ppsm	0.22 m	0.66°
BE75	NVA	3.56 cm	3.33 cm	1.59 ppsm	0.62 m	0.49°
BE76	NVA	-7.43 cm	-4.72 cm	1.87 ppsm	0.20 m	2.19°
BE77	NVA	3.77 cm	2.06 cm	3.40 ppsm	0.15 m	4.06°
BE78	NVA	-4.81 cm	-5.00 cm	2.97 ppsm	0.24 m	1.69°
BE79	NVA	-4.75 cm	-4.98 cm	2.97 ppsm	0.10 m	1.73°
BE80	NVA	7.90 cm	6.84 cm	3.08 ppsm	0.46 m	6.54°
BE81	NVA	-10.91 cm	-11.42 cm	3.43 ppsm	0.23 m	1.44°
BE82	NVA	-4.00 cm	-4.05 cm	3.54 ppsm	0.15 m	1.08°
BE83	NVA	-6.93 cm	-6.24 cm	2.33 ppsm	0.22 m	3.48°
BE84	NVA	-6.84 cm	-8.11 cm	2.02 ppsm	0.32 m	3.72°
BE85	NVA	3.47 cm	3.49 cm	2.37 ppsm	0.17 m	1.64°
BE86	NVA	1.27 cm	1.20 cm	2.48 ppsm	0.32 m	1.33°
BE87	NVA	-14.77 cm	-14.30 cm	2.76 ppsm	0.32 m	0.99°
BE88	NVA	-15.55 cm	-15.90 cm	2.02 ppsm	0.15 m	2.25°
BE89	NVA	-2.77 cm	-3.94 cm	1.95 ppsm	0.47 m	2.23°
BE90	NVA	-5.40 cm	-4.91 cm	2.19 ppsm	0.22 m	2.58°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE91	NVA	-16.99 cm	-17.65 cm	2.51 ppsm	0.03 m	0.65°
BE92	NVA	-2.74 cm	-4.01 cm	2.44 ppsm	0.30 m	3.00°
BE93	NVA	-9.59 cm	-9.95 cm	1.77 ppsm	0.34 m	1.08°
BE94	NVA	6.17 cm	5.51 cm	2.76 ppsm	0.34 m	2.98°
BE95	NVA	4.04 cm	4.67 cm	2.41 ppsm	0.18 m	1.86°
BE96	NVA	6.60 cm	8.78 cm	2.48 ppsm	0.14 m	2.65°
BE97	NVA	6.13 cm	5.27 cm	2.16 ppsm	0.26 m	5.22°
BE98	NVA	3.34 cm	3.59 cm	2.55 ppsm	0.35 m	2.66°
BE99	NVA	-0.07 cm	-0.30 cm	2.26 ppsm	0.49 m	3.61°
UA01	NVA	1.24 cm	0.97 cm	2.26 ppsm	0.18 m	1.81°
UA02	NVA	-4.86 cm	-4.36 cm	5.69 ppsm	0.10 m	0.76°
UA04	NVA	2.64 cm	2.82 cm	3.75 ppsm	0.27 m	0.66°
UA05	NVA	-4.77 cm	-4.37 cm	2.37 ppsm	0.23 m	0.51°
UA06	NVA	3.61 cm	3.48 cm	2.44 ppsm	0.46 m	2.05°
UA07	NVA	8.32 cm	7.67 cm	2.30 ppsm	0.19 m	0.28°
UA08	NVA	-5.80 cm	-4.86 cm	2.90 ppsm	0.59 m	1.05°
UA09	NVA	5.20 cm	6.88 cm	2.19 ppsm	0.26 m	1.67°
UA10	NVA	-1.91 cm	-1.77 cm	3.15 ppsm	0.45 m	0.27°
UA11	NVA	-0.48 cm	-0.70 cm	2.79 ppsm	0.33 m	1.46°
UA12	NVA	-1.01 cm	-1.91 cm	2.02 ppsm	0.35 m	2.31°
UA13	NVA	-9.23 cm	-9.11 cm	2.37 ppsm	0.16 m	1.17°
UA14	NVA	3.70 cm	4.31 cm	2.37 ppsm	0.22 m	2.68°
UA15	NVA	1.18 cm	0.89 cm	2.26 ppsm	0.37 m	3.84°
UA16	NVA	7.35 cm	5.34 cm	2.12 ppsm	0.10 m	0.78°
UA17	NVA	0.53 cm	3.16 cm	2.86 ppsm	0.33 m	1.09°
UA18	NVA	-8.16 cm	-9.66 cm	2.41 ppsm	0.26 m	2.46°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
UA19	NVA	5.12 cm	6.17 cm	2.26 ppsm	0.34 m	2.40°
UA20	NVA	0.92 cm	0.81 cm	3.01 ppsm	0.26 m	1.63°
UA21	NVA	2.31 cm	2.15 cm	2.51 ppsm	0.13 m	0.89°
UA22	NVA	-1.08 cm	0.28 cm	2.37 ppsm	0.25 m	1.74°
UA23	NVA	-5.06 cm	-4.60 cm	2.48 ppsm	0.19 m	1.99°
UA24	NVA	1.74 cm	1.20 cm	2.65 ppsm	0.30 m	0.55°
UA25	NVA	1.55 cm	0.86 cm	2.90 ppsm	0.29 m	1.11°
UA26	NVA	6.04 cm	5.21 cm	2.12 ppsm	0.28 m	1.53°
UA27	NVA	1.85 cm	1.89 cm	2.37 ppsm	0.35 m	1.79°
UA28	NVA	1.57 cm	2.35 cm	2.94 ppsm	0.32 m	1.86°
UA29	NVA	1.81 cm	1.66 cm	3.71 ppsm	0.18 m	1.10°
UA31	NVA	-0.14 cm	-0.02 cm	2.83 ppsm	0.11 m	1.24°
UA32	NVA	5.73 cm	5.09 cm	2.30 ppsm	0.30 m	1.79°
UA33	NVA	3.31 cm	3.75 cm	2.33 ppsm	0.20 m	1.76°
UA36	NVA	4.62 cm	5.48 cm	2.33 ppsm	0.25 m	2.33°
UA37	NVA	0.99 cm	-0.04 cm	2.37 ppsm	0.34 m	1.18°
UA38	NVA	9.33 cm	9.35 cm	2.69 ppsm	0.09 m	1.52°
UA39	NVA	-0.24 cm	-0.36 cm	2.86 ppsm	0.06 m	1.77°
UA40	NVA	-0.49 cm	-0.79 cm	3.04 ppsm	0.38 m	1.75°
FO01	VVA	N/A	8.54 cm	2.44 ppsm	0.26 m	3.70°
FO02	VVA	N/A	11.53 cm	1.80 ppsm	0.24 m	4.42°
FO03	VVA	N/A	8.61 cm	1.87 ppsm	0.39 m	1.87°
FO04	VVA	N/A	13.64 cm	1.66 ppsm	0.40 m	6.45°
FO05	VVA	N/A	5.95 cm	2.86 ppsm	0.29 m	0.69°
FO06	VVA	N/A	6.74 cm	0.99 ppsm	1.44 m	1.50°
FO07	VVA	N/A	12.70 cm	1.73 ppsm	0.37 m	3.53°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
FO08	VVA	N/A	17.46 cm	2.58 ppsm	0.27 m	4.94°
FO09	VVA	N/A	13.68 cm	2.23 ppsm	0.41 m	1.69°
FO10	VVA	N/A	5.36 cm	0.74 ppsm	0.87 m	14.39°
FO11	VVA	N/A	8.04 cm	3.25 ppsm	0.34 m	4.02°
FO12	VVA	N/A	4.33 cm	2.76 ppsm	0.22 m	1.08°
FO13	VVA	N/A	16.54 cm	0.46 ppsm	1.35 m	5.81°
FO14	VVA	N/A	18.05 cm	1.59 ppsm	0.26 m	3.09°
FO15	VVA	N/A	-0.77 cm	1.24 ppsm	0.45 m	12.21°
FO17	VVA	N/A	24.47 cm	0.07 ppsm	1.32 m	9.02°
FO18	VVA	N/A	16.92 cm	0.11 ppsm	2.29 m	10.42°
FO19	VVA	N/A	18.83 cm	0.64 ppsm	1.66 m	4.18°
FO20	VVA	N/A	7.14 cm	1.41 ppsm	0.22 m	4.32°
FO21	VVA	N/A	3.50 cm	1.98 ppsm	0.20 m	2.38°
FO22	VVA	N/A	17.71 cm	0.39 ppsm	0.77 m	3.25°
FO23	VVA	N/A	12.69 cm	3.36 ppsm	0.53 m	4.29°
FO24	VVA	N/A	14.87 cm	0.28 ppsm	0.92 m	3.34°
FO25	VVA	N/A	0.36 cm	0.57 ppsm	0.23 m	3.96°
FO26	VVA	N/A	0.42 cm	1.59 ppsm	0.47 m	3.66°
FO27	VVA	N/A	11.90 cm	1.87 ppsm	0.04 m	3.55°
FO28	VVA	N/A	8.27 cm	1.70 ppsm	0.29 m	3.41°
FO29	VVA	N/A	-14.02 cm	0.00 ppsm	3.42 m	2.05°
FO30	VVA	N/A	14.07 cm	0.14 ppsm	2.36 m	1.55°
FO31	VVA	N/A	14.04 cm	4.28 ppsm	0.29 m	1.61°
FO32	VVA	N/A	-0.25 cm	0.11 ppsm	2.02 m	4.76°
FO33	VVA	N/A	8.92 cm	1.13 ppsm	0.06 m	1.25°
FO34	VVA	N/A	31.94 cm	2.19 ppsm	0.35 m	7.80°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
FO35	VVA	N/A	27.00 cm	0.46 ppsm	0.88 m	7.38°
FO36	VVA	N/A	15.06 cm	2.48 ppsm	0.42 m	1.55°
FO37	VVA	N/A	23.07 cm	1.87 ppsm	0.76 m	4.79°
FO38	VVA	N/A	27.36 cm	0.00 ppsm	5.00 m	5.44°
FO39	VVA	N/A	19.26 cm	0.04 ppsm	2.32 m	4.72°
FO40	VVA	N/A	15.52 cm	0.04 ppsm	2.71 m	5.82°
FO42	VVA	N/A	8.66 cm	1.45 ppsm	0.36 m	8.65°
FO43	VVA	N/A	22.55 cm	0.04 ppsm	2.92 m	2.08°
FO44	VVA	N/A	10.23 cm	1.49 ppsm	0.47 m	15.91°
FO45	VVA	N/A	4.00 cm	1.73 ppsm	0.27 m	5.09°
FO46	VVA	N/A	6.86 cm	0.95 ppsm	0.51 m	2.84°
FO47	VVA	N/A	13.17 cm	2.02 ppsm	0.36 m	3.34°
FO48	VVA	N/A	7.67 cm	2.33 ppsm	0.19 m	1.19°
FO49	VVA	N/A	10.46 cm	2.90 ppsm	0.09 m	7.32°
FO50	VVA	N/A	4.68 cm	0.53 ppsm	0.76 m	1.67°
FO51	VVA	N/A	-4.06 cm	0.25 ppsm	0.75 m	4.31°
FO52	VVA	N/A	3.31 cm	1.87 ppsm	0.17 m	2.53°
FO53	VVA	N/A	-0.32 cm	0.88 ppsm	0.25 m	1.54°
FO54	VVA	N/A	15.11 cm	2.12 ppsm	0.50 m	4.24°
FO55	VVA	N/A	17.21 cm	1.10 ppsm	0.52 m	1.11°
FO56	VVA	N/A	9.08 cm	1.98 ppsm	0.25 m	3.86°
FO57	VVA	N/A	2.66 cm	1.73 ppsm	0.62 m	0.52°
FO58	VVA	N/A	10.10 cm	0.74 ppsm	0.24 m	0.87°
FO59	VVA	N/A	1.10 cm	1.70 ppsm	0.13 m	5.20°
FO60	VVA	N/A	-2.10 cm	2.86 ppsm	0.13 m	6.27°
FO61	VVA	N/A	21.00 cm	0.21 ppsm	2.36 m	3.12°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
FO62	VVA	N/A	13.52 cm	1.52 ppsm	0.17 m	2.19°
FO63	VVA	N/A	14.57 cm	2.48 ppsm	0.35 m	1.77°
FO64	VVA	N/A	12.36 cm	1.80 ppsm	0.60 m	15.12°
FO65	VVA	N/A	3.71 cm	0.46 ppsm	1.78 m	6.36°
FO66	VVA	N/A	7.08 cm	1.34 ppsm	0.39 m	5.13°
FO67	VVA	N/A	-4.99 cm	0.57 ppsm	0.45 m	1.86°
FO68	VVA	N/A	0.99 cm	1.66 ppsm	0.31 m	11.54°
FO69	VVA	N/A	-0.95 cm	1.56 ppsm	0.13 m	1.61°
FO70	VVA	N/A	15.99 cm	0.99 ppsm	0.47 m	3.97°
FO71	VVA	N/A	20.38 cm	2.19 ppsm	0.52 m	5.11°
FO72	VVA	N/A	18.22 cm	2.23 ppsm	0.26 m	4.43°
FO73	VVA	N/A	11.51 cm	2.55 ppsm	0.18 m	6.01°
FO74	VVA	N/A	-8.91 cm	0.50 ppsm	0.36 m	2.31°
FO75	VVA	N/A	-2.04 cm	0.25 ppsm	0.77 m	4.56°
FO76	VVA	N/A	-5.04 cm	0.14 ppsm	2.64 m	1.46°
FO77	VVA	N/A	-4.97 cm	0.21 ppsm	1.19 m	3.50°
FO78	VVA	N/A	5.63 cm	1.13 ppsm	0.34 m	22.13°
FO79	VVA	N/A	17.14 cm	0.07 ppsm	0.94 m	5.93°
FO80	VVA	N/A	15.14 cm	0.42 ppsm	1.93 m	5.16°
FO81	VVA	N/A	11.03 cm	1.13 ppsm	0.38 m	2.49°
FO82	VVA	N/A	11.62 cm	1.41 ppsm	0.37 m	2.63°
FO83	VVA	N/A	-6.28 cm	0.64 ppsm	0.37 m	11.97°
FO84	VVA	N/A	5.68 cm	0.42 ppsm	1.40 m	11.12°
FO85	VVA	N/A	2.85 cm	0.60 ppsm	1.51 m	4.11°
FO86	VVA	N/A	2.64 cm	1.77 ppsm	0.63 m	9.56°
FO87	VVA	N/A	12.23 cm	0.32 ppsm	0.53 m	5.01°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
FO88	VVA	N/A	3.62 cm	0.81 ppsm	0.27 m	4.16°
FO89	VVA	N/A	13.51 cm	2.30 ppsm	0.10 m	5.92°
FO90	VVA	N/A	8.85 cm	2.23 ppsm	0.44 m	6.67°
FO91	VVA	N/A	0.21 cm	0.39 ppsm	0.20 m	5.56°
FO92	VVA	N/A	9.53 cm	1.56 ppsm	0.41 m	7.07°
FO93	VVA	N/A	7.58 cm	1.31 ppsm	0.49 m	3.88°
FO94	VVA	N/A	2.49 cm	0.92 ppsm	0.81 m	1.14°
FO95	VVA	N/A	6.71 cm	0.14 ppsm	0.58 m	1.62°
FO96	VVA	N/A	22.93 cm	0.99 ppsm	1.12 m	10.14°
FO97	VVA	N/A	16.47 cm	1.20 ppsm	0.94 m	0.81°
FO98	VVA	N/A	-7.98 cm	1.95 ppsm	0.34 m	4.16°
FO99	VVA	N/A	8.30 cm	0.92 ppsm	1.08 m	4.83°
SH01	VVA	N/A	8.58 cm	3.22 ppsm	0.19 m	2.56°
SH02	VVA	N/A	20.08 cm	2.90 ppsm	0.14 m	2.24°
SH03	VVA	N/A	10.09 cm	3.32 ppsm	0.20 m	1.27°
SH04	VVA	N/A	17.30 cm	1.87 ppsm	0.22 m	3.08°
SH05	VVA	N/A	14.93 cm	1.87 ppsm	0.66 m	7.31°
SH06	VVA	N/A	7.46 cm	1.59 ppsm	0.13 m	1.24°
SH07	VVA	N/A	23.72 cm	1.63 ppsm	0.33 m	2.61°
SH08	VVA	N/A	25.66 cm	0.39 ppsm	1.83 m	5.28°
SH09	VVA	N/A	0.46 cm	2.51 ppsm	0.08 m	5.32°
SH10	VVA	N/A	-15.08 cm	1.87 ppsm	0.70 m	0.87°
SH11	VVA	N/A	12.34 cm	2.12 ppsm	0.56 m	5.45°
SH12	VVA	N/A	56.68 cm	2.30 ppsm	0.19 m	6.22°
SH13	VVA	N/A	7.83 cm	3.04 ppsm	0.22 m	4.83°
SH14	VVA	N/A	3.44 cm	2.86 ppsm	0.09 m	3.31°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
SH15	VVA	N/A	20.34 cm	2.05 ppsm	0.42 m	4.49°
TW01	VVA	N/A	1.75 cm	2.72 ppsm	0.32 m	0.60°
TW02	VVA	N/A	5.22 cm	2.48 ppsm	0.07 m	0.51°
TW03	VVA	N/A	25.77 cm	3.50 ppsm	0.17 m	2.32°
TW04	VVA	N/A	26.89 cm	2.90 ppsm	0.35 m	13.62°
TW05	VVA	N/A	8.87 cm	2.97 ppsm	0.30 m	0.96°
TW06	VVA	N/A	11.81 cm	2.55 ppsm	0.21 m	3.50°
TW07	VVA	N/A	5.64 cm	2.33 ppsm	0.08 m	7.42°
TW08	VVA	N/A	23.75 cm	2.23 ppsm	0.45 m	4.99°
TW09	VVA	N/A	3.82 cm	2.05 ppsm	0.09 m	2.18°
TW10	VVA	N/A	15.72 cm	2.94 ppsm	0.30 m	6.28°
TW11	VVA	N/A	1.47 cm	3.54 ppsm	0.15 m	2.65°
CA01	CAL	2.21 cm	1.92 cm	2.90 ppsm	0.24 m	0.83°
CA02	CAL	4.28 cm	4.07 cm	4.95 ppsm	0.19 m	0.94°
CA03	CAL	-2.70 cm	-2.75 cm	2.72 ppsm	0.34 m	2.83°
CA04	CAL	0.74 cm	0.83 cm	2.69 ppsm	0.22 m	0.45°
CA05	CAL	0.94 cm	0.96 cm	3.11 ppsm	0.03 m	0.63°
CA06	CAL	-4.47 cm	-4.06 cm	2.58 ppsm	0.33 m	0.48°
CA07	CAL	-3.00 cm	-2.40 cm	3.93 ppsm	0.11 m	0.53°
CA08	CAL	-3.00 cm	-3.03 cm	2.83 ppsm	0.33 m	0.83°
CA09	CAL	2.67 cm	2.57 cm	2.55 ppsm	0.41 m	1.55°
CA10	CAL	2.22 cm	2.22 cm	2.33 ppsm	0.20 m	1.04°
CA100	CAL	5.74 cm	5.70 cm	3.11 ppsm	0.35 m	4.89°
CA101	CAL	-4.98 cm	-4.72 cm	3.29 ppsm	0.37 m	3.26°
CA102	CAL	-5.96 cm	-6.39 cm	3.86 ppsm	0.30 m	1.38°
CA103	CAL	-1.40 cm	-1.80 cm	2.19 ppsm	0.32 m	3.92°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA104	CAL	-8.30 cm	-8.77 cm	2.41 ppsm	0.28 m	0.41°
CA105	CAL	7.21 cm	6.52 cm	2.33 ppsm	0.23 m	3.31°
CA106	CAL	2.00 cm	1.95 cm	2.97 ppsm	0.12 m	0.74°
CA107	CAL	2.15 cm	2.06 cm	2.51 ppsm	0.15 m	0.12°
CA108	CAL	-0.41 cm	-0.62 cm	2.48 ppsm	0.18 m	1.05°
CA109	CAL	-5.83 cm	-6.06 cm	2.41 ppsm	0.30 m	2.17°
CA11	CAL	9.69 cm	9.79 cm	2.72 ppsm	0.24 m	1.25°
CA110	CAL	1.85 cm	1.81 cm	2.51 ppsm	0.31 m	0.68°
CA111	CAL	-5.64 cm	-4.64 cm	1.84 ppsm	0.27 m	2.70°
CA112	CAL	0.41 cm	-0.05 cm	2.90 ppsm	0.28 m	1.26°
CA113	CAL	6.30 cm	6.34 cm	1.98 ppsm	0.12 m	1.57°
CA114	CAL	2.89 cm	2.72 cm	2.55 ppsm	0.23 m	1.92°
CA115	CAL	3.95 cm	4.00 cm	2.86 ppsm	0.21 m	2.06°
CA116	CAL	0.68 cm	0.34 cm	3.36 ppsm	0.27 m	0.43°
CA117	CAL	1.46 cm	1.21 cm	2.26 ppsm	0.26 m	1.25°
CA118	CAL	3.92 cm	3.60 cm	2.76 ppsm	0.31 m	2.08°
CA119	CAL	-0.20 cm	0.16 cm	2.69 ppsm	0.14 m	1.53°
CA12	CAL	7.33 cm	7.22 cm	3.47 ppsm	0.31 m	2.92°
CA120	CAL	1.27 cm	1.27 cm	2.51 ppsm	0.16 m	1.46°
CA121	CAL	-10.20 cm	-9.73 cm	2.83 ppsm	0.35 m	3.58°
CA122	CAL	-12.00 cm	-11.78 cm	2.33 ppsm	0.45 m	1.52°
CA123	CAL	-7.15 cm	-6.94 cm	1.87 ppsm	0.34 m	2.54°
CA124	CAL	-1.01 cm	-1.30 cm	2.26 ppsm	0.33 m	2.65°
CA125	CAL	-17.45 cm	-16.76 cm	2.41 ppsm	0.16 m	1.74°
CA126	CAL	-8.99 cm	-8.77 cm	2.55 ppsm	0.40 m	5.97°
CA127	CAL	-11.21 cm	-11.94 cm	1.52 ppsm	0.52 m	3.32°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA128	CAL	6.27 cm	4.16 cm	2.16 ppsm	0.38 m	3.09°
CA129	CAL	8.05 cm	6.05 cm	2.26 ppsm	0.17 m	0.90°
CA13	CAL	1.04 cm	0.58 cm	2.33 ppsm	0.17 m	1.70°
CA130	CAL	6.13 cm	6.00 cm	2.23 ppsm	0.49 m	1.20°
CA131	CAL	6.75 cm	7.29 cm	2.58 ppsm	0.34 m	2.24°
CA132	CAL	7.83 cm	7.87 cm	2.41 ppsm	0.37 m	1.68°
CA133	CAL	5.41 cm	4.93 cm	2.02 ppsm	0.27 m	2.83°
CA134	CAL	2.90 cm	3.66 cm	2.83 ppsm	0.19 m	3.09°
CA135	CAL	1.21 cm	2.95 cm	2.30 ppsm	0.37 m	2.39°
CA136	CAL	-18.72 cm	-19.34 cm	2.51 ppsm	0.26 m	2.16°
CA137	CAL	-2.80 cm	-2.52 cm	2.83 ppsm	0.15 m	1.44°
CA138	CAL	3.88 cm	3.67 cm	3.15 ppsm	0.38 m	1.36°
CA139	CAL	-1.08 cm	-1.58 cm	2.72 ppsm	0.18 m	0.87°
CA14	CAL	2.54 cm	1.72 cm	2.62 ppsm	0.15 m	1.27°
CA140	CAL	5.29 cm	5.39 cm	2.79 ppsm	0.41 m	1.53°
CA141	CAL	0.32 cm	0.45 cm	3.25 ppsm	0.32 m	1.46°
CA142	CAL	7.02 cm	5.77 cm	6.15 ppsm	0.17 m	4.61°
CA143	CAL	-0.34 cm	-1.35 cm	3.15 ppsm	0.07 m	0.66°
CA144	CAL	-1.82 cm	-1.72 cm	3.47 ppsm	0.32 m	1.90°
CA145	CAL	0.39 cm	0.17 cm	3.57 ppsm	0.30 m	8.41°
CA146	CAL	1.63 cm	1.82 cm	3.43 ppsm	0.47 m	3.22°
CA147	CAL	-0.23 cm	-0.43 cm	3.11 ppsm	0.38 m	0.43°
CA148	CAL	-5.65 cm	-6.08 cm	3.04 ppsm	0.35 m	1.89°
CA149	CAL	4.91 cm	4.73 cm	3.04 ppsm	0.07 m	2.06°
CA15	CAL	2.43 cm	2.89 cm	2.02 ppsm	0.49 m	0.78°
CA150	CAL	-7.03 cm	-7.18 cm	3.25 ppsm	0.20 m	2.01°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA151	CAL	3.28 cm	3.48 cm	3.15 ppsm	0.39 m	0.59°
CA152	CAL	-4.09 cm	-3.75 cm	2.97 ppsm	0.38 m	2.31°
CA153	CAL	5.52 cm	5.23 cm	3.68 ppsm	0.26 m	3.04°
CA156	CAL	-0.42 cm	-0.73 cm	2.41 ppsm	0.38 m	2.72°
CA157	CAL	2.55 cm	2.67 cm	2.94 ppsm	0.19 m	1.82°
CA158	CAL	-11.90 cm	-11.69 cm	2.65 ppsm	0.12 m	3.97°
CA159	CAL	2.26 cm	2.62 cm	3.18 ppsm	0.17 m	0.87°
CA16	CAL	4.60 cm	5.32 cm	3.08 ppsm	0.22 m	0.72°
CA160	CAL	4.88 cm	4.37 cm	2.97 ppsm	0.25 m	3.48°
CA161	CAL	-2.97 cm	-2.60 cm	2.44 ppsm	0.24 m	0.95°
CA162	CAL	-2.69 cm	-2.91 cm	3.01 ppsm	0.42 m	2.35°
CA163	CAL	1.32 cm	1.35 cm	3.22 ppsm	0.23 m	1.44°
CA164	CAL	1.35 cm	2.05 cm	2.55 ppsm	0.40 m	3.60°
CA165	CAL	-0.70 cm	-0.56 cm	2.30 ppsm	0.27 m	4.28°
CA166	CAL	0.00 cm	-0.62 cm	2.94 ppsm	0.16 m	1.53°
CA167	CAL	-5.38 cm	-4.34 cm	3.08 ppsm	0.32 m	2.22°
CA168	CAL	0.66 cm	0.68 cm	3.47 ppsm	0.29 m	5.16°
CA169	CAL	-0.15 cm	0.51 cm	3.18 ppsm	0.32 m	3.84°
CA17	CAL	0.30 cm	0.26 cm	3.75 ppsm	0.28 m	4.37°
CA170	CAL	-0.31 cm	0.38 cm	2.76 ppsm	0.41 m	1.11°
CA171	CAL	7.72 cm	7.56 cm	2.76 ppsm	0.18 m	2.49°
CA172	CAL	-7.73 cm	-7.62 cm	3.22 ppsm	0.34 m	4.79°
CA173	CAL	3.48 cm	2.01 cm	2.16 ppsm	0.31 m	1.30°
CA174	CAL	3.84 cm	3.20 cm	2.44 ppsm	0.47 m	1.65°
CA175	CAL	-0.40 cm	-0.56 cm	2.65 ppsm	0.30 m	2.77°
CA176	CAL	2.83 cm	2.43 cm	2.69 ppsm	0.24 m	0.47°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA177	CAL	2.13 cm	2.14 cm	2.79 ppsm	0.49 m	3.05°
CA178	CAL	-1.94 cm	-1.31 cm	2.09 ppsm	0.36 m	3.70°
CA179	CAL	1.30 cm	1.74 cm	2.62 ppsm	0.10 m	1.92°
CA18	CAL	1.07 cm	1.07 cm	2.90 ppsm	0.28 m	0.34°
CA19	CAL	6.55 cm	5.77 cm	2.51 ppsm	0.09 m	1.63°
CA20	CAL	1.17 cm	1.03 cm	2.83 ppsm	0.23 m	1.82°
CA21	CAL	2.54 cm	2.33 cm	2.51 ppsm	0.19 m	1.58°
CA22	CAL	2.61 cm	2.48 cm	4.03 ppsm	0.44 m	0.19°
CA23	CAL	1.88 cm	2.30 cm	2.62 ppsm	0.20 m	3.22°
CA24	CAL	-5.05 cm	-4.36 cm	3.18 ppsm	0.27 m	1.65°
CA25	CAL	-5.30 cm	-5.05 cm	2.72 ppsm	0.11 m	1.01°
CA26	CAL	0.53 cm	-0.63 cm	2.79 ppsm	0.19 m	1.95°
CA27	CAL	3.62 cm	4.10 cm	2.58 ppsm	0.31 m	0.24°
CA28	CAL	2.20 cm	3.57 cm	4.14 ppsm	0.16 m	0.86°
CA29	CAL	-4.08 cm	-4.46 cm	5.31 ppsm	0.27 m	1.25°
CA31	CAL	-3.62 cm	-3.55 cm	3.15 ppsm	0.30 m	1.77°
CA32	CAL	1.18 cm	1.40 cm	2.69 ppsm	0.30 m	2.17°
CA33	CAL	0.31 cm	1.00 cm	2.41 ppsm	0.53 m	5.14°
CA34	CAL	2.47 cm	1.73 cm	2.33 ppsm	0.31 m	0.82°
CA35	CAL	-1.37 cm	-1.43 cm	2.69 ppsm	0.14 m	1.18°
CA36	CAL	-8.72 cm	-8.44 cm	3.01 ppsm	0.35 m	0.82°
CA37	CAL	0.61 cm	0.19 cm	2.62 ppsm	0.21 m	1.35°
CA38	CAL	-4.22 cm	-4.09 cm	3.61 ppsm	0.25 m	4.66°
CA39	CAL	-5.25 cm	-5.95 cm	3.22 ppsm	0.07 m	1.33°
CA40	CAL	-1.03 cm	-2.10 cm	2.37 ppsm	0.02 m	3.63°
CA41	CAL	-8.70 cm	-8.67 cm	2.02 ppsm	0.32 m	5.23°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA42	CAL	-11.15 cm	-12.23 cm	2.97 ppsm	0.36 m	2.62°
CA43	CAL	-0.11 cm	-0.32 cm	2.72 ppsm	0.24 m	1.60°
CA44	CAL	1.44 cm	1.87 cm	3.86 ppsm	0.18 m	1.05°
CA45	CAL	-3.35 cm	-3.79 cm	2.26 ppsm	0.21 m	0.88°
CA46	CAL	-9.17 cm	-9.68 cm	2.97 ppsm	0.16 m	2.41°
CA47	CAL	-9.25 cm	-9.45 cm	4.31 ppsm	0.12 m	1.46°
CA48	CAL	6.64 cm	6.04 cm	2.16 ppsm	0.26 m	1.28°
CA49	CAL	1.88 cm	2.09 cm	4.21 ppsm	0.19 m	0.66°
CA50	CAL	-5.10 cm	-4.80 cm	2.09 ppsm	0.38 m	3.62°
CA51	CAL	-9.25 cm	-9.63 cm	2.02 ppsm	0.39 m	4.08°
CA52	CAL	-8.14 cm	-8.23 cm	2.48 ppsm	0.59 m	4.58°
CA53	CAL	3.02 cm	0.98 cm	2.48 ppsm	0.26 m	0.14°
CA54	CAL	-1.60 cm	-0.48 cm	2.58 ppsm	0.29 m	1.22°
CA55	CAL	4.36 cm	5.11 cm	2.41 ppsm	0.26 m	1.45°
CA56	CAL	8.93 cm	7.74 cm	2.23 ppsm	0.05 m	1.78°
CA57	CAL	2.35 cm	1.74 cm	2.51 ppsm	0.30 m	4.12°
CA58	CAL	5.02 cm	5.40 cm	3.22 ppsm	0.22 m	4.18°
CA59	CAL	6.57 cm	5.84 cm	3.18 ppsm	0.17 m	0.46°
CA60	CAL	-7.63 cm	-7.24 cm	2.23 ppsm	0.52 m	2.57°
CA61	CAL	-8.49 cm	-8.68 cm	2.30 ppsm	0.30 m	3.60°
CA62	CAL	-5.06 cm	-4.38 cm	2.16 ppsm	0.51 m	2.19°
CA63	CAL	0.77 cm	0.50 cm	2.37 ppsm	0.18 m	1.21°
CA64	CAL	-4.57 cm	-4.57 cm	1.70 ppsm	0.52 m	3.10°
CA65	CAL	4.83 cm	4.68 cm	1.84 ppsm	0.32 m	2.11°
CA66	CAL	6.91 cm	6.61 cm	2.44 ppsm	0.08 m	1.10°
CA67	CAL	3.00 cm	3.20 cm	2.44 ppsm	0.33 m	0.82°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA68	CAL	3.69 cm	2.94 cm	2.51 ppsm	0.11 m	1.74°
CA69	CAL	10.19 cm	9.95 cm	2.41 ppsm	0.27 m	4.00°
CA70	CAL	-0.12 cm	-1.62 cm	2.83 ppsm	0.19 m	2.61°
CA71	CAL	-0.59 cm	-0.51 cm	3.01 ppsm	0.37 m	0.70°
CA72	CAL	-5.08 cm	-5.07 cm	3.15 ppsm	0.38 m	2.75°
CA73	CAL	4.04 cm	2.10 cm	3.04 ppsm	0.14 m	1.53°
CA74	CAL	-3.13 cm	-2.26 cm	2.97 ppsm	0.32 m	0.75°
CA75	CAL	-2.77 cm	-2.07 cm	2.76 ppsm	0.26 m	1.26°
CA76	CAL	1.95 cm	1.94 cm	2.72 ppsm	0.31 m	7.68°
CA77	CAL	-1.85 cm	-2.04 cm	3.25 ppsm	0.32 m	5.65°
CA78	CAL	0.00 cm	0.27 cm	3.01 ppsm	0.13 m	0.88°
CA79	CAL	-9.00 cm	-8.61 cm	1.98 ppsm	0.27 m	0.98°
CA80	CAL	-1.30 cm	-1.32 cm	3.01 ppsm	0.48 m	3.30°
CA81	CAL	0.13 cm	0.69 cm	2.65 ppsm	0.31 m	2.38°
CA82	CAL	0.56 cm	-0.65 cm	2.90 ppsm	0.07 m	1.08°
CA83	CAL	-8.20 cm	-7.89 cm	2.90 ppsm	0.38 m	0.50°
CA84	CAL	6.56 cm	6.17 cm	2.30 ppsm	0.34 m	2.52°
CA85	CAL	-2.62 cm	-2.72 cm	2.62 ppsm	0.21 m	1.54°
CA86	CAL	5.46 cm	3.65 cm	2.19 ppsm	0.38 m	3.59°
CA87	CAL	-4.00 cm	-3.99 cm	3.01 ppsm	0.30 m	0.08°
CA88	CAL	0.81 cm	-1.79 cm	1.73 ppsm	0.17 m	2.70°
CA89	CAL	-2.77 cm	-2.80 cm	1.70 ppsm	0.30 m	3.81°
CA90	CAL	-3.26 cm	-3.14 cm	3.25 ppsm	0.21 m	2.25°
CA91	CAL	-0.31 cm	-1.10 cm	2.79 ppsm	0.33 m	0.95°
CA92	CAL	-0.23 cm	0.00 cm	2.16 ppsm	0.19 m	1.29°
CA93	CAL	-7.59 cm	-6.69 cm	2.30 ppsm	0.39 m	1.15°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CA94	CAL	-4.46 cm	-4.10 cm	2.94 ppsm	0.17 m	1.90°
CA95	CAL	4.69 cm	4.28 cm	2.37 ppsm	0.18 m	2.09°
CA96	CAL	5.89 cm	4.80 cm	2.12 ppsm	0.31 m	3.25°
CA97	CAL	5.89 cm	5.81 cm	1.91 ppsm	0.22 m	1.04°
CA98	CAL	1.72 cm	2.13 cm	2.76 ppsm	0.27 m	2.41°
CA99	CAL	-1.38 cm	-1.48 cm	2.90 ppsm	0.24 m	1.10°

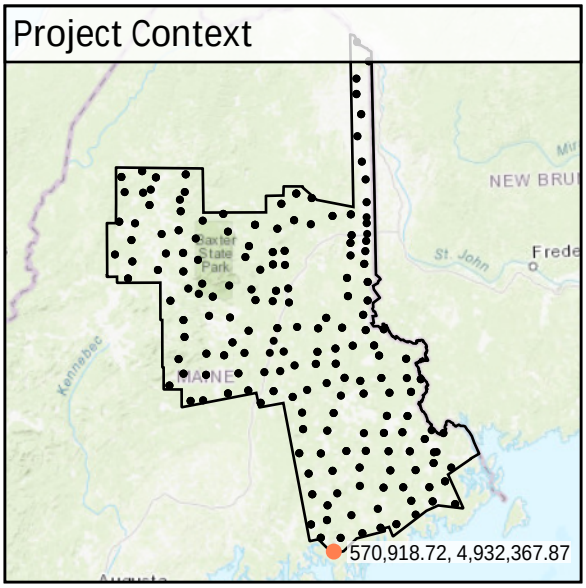
Anomaly Breakdown

Point	Type	All Points TIN Dz	DEM Dz	Ground Density	Nearest Ground	Slope
UA30	NVA	96.39 cm	2.42 cm	1.84 ppsm	1.15 m	1.24°
Comment: High points obscuring NVA reading in poing cloud						
FO41	VVA	N/A	1,025.29 cm	2.30 ppsm	0.27 m	6.84°
Comment: Blunder						

BE01

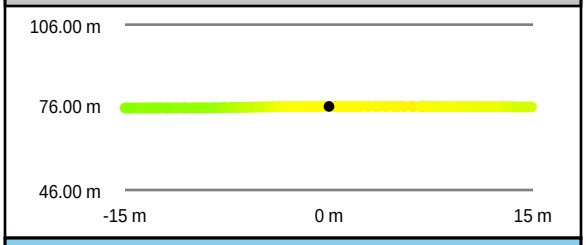
Known Z	76.32 m	Point Density	2.86 ppsm
DEM Dz	0.02 m	Ground Density	2.86 ppsm
All Points TIN Dz	0.02 m	Slope	0.68 °

Project Context

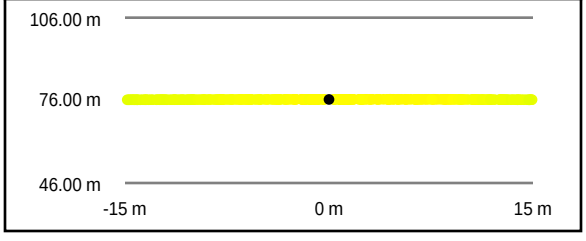


World Imagery

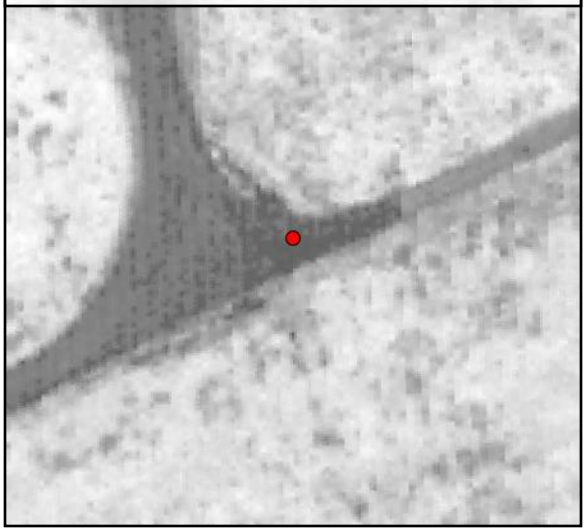
Southeast to Northwest



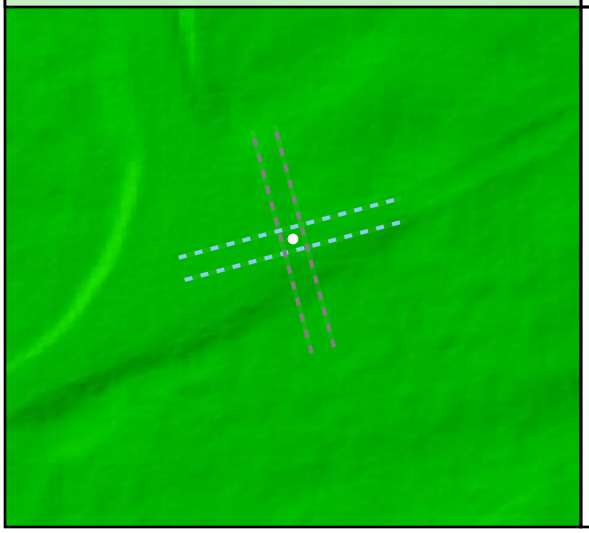
Southwest to Northeast



Intensity Raster

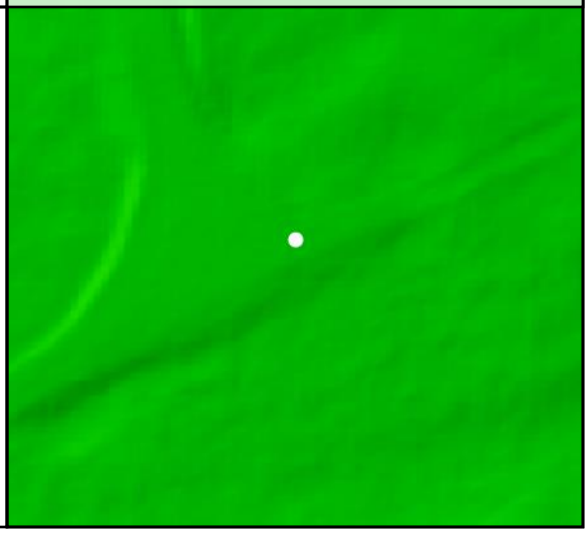


TIN Surface



Project Elevation

DEM Surface



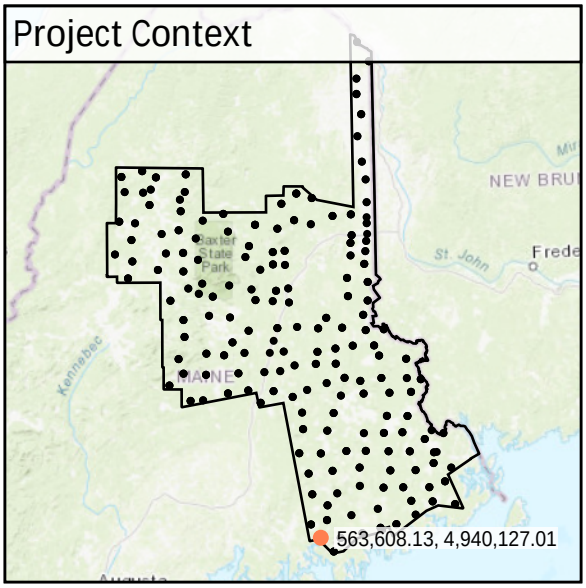
DEM Dz +0.02 m

NVA - BE01

All Points TIN Dz +0.02 m

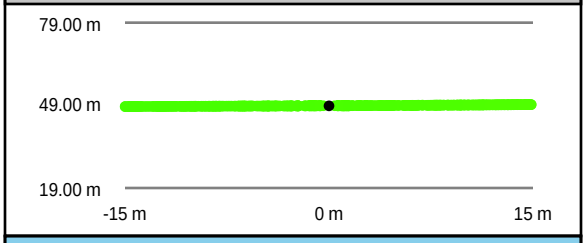
BE02				
	Known Z	48.81 m	Point Density	4.00 ppsm
	DEM Dz	0.03 m	Ground Density	4.00 ppsm
	All Points TIN Dz	0.03 m	Slope	1.31 °

Project Context

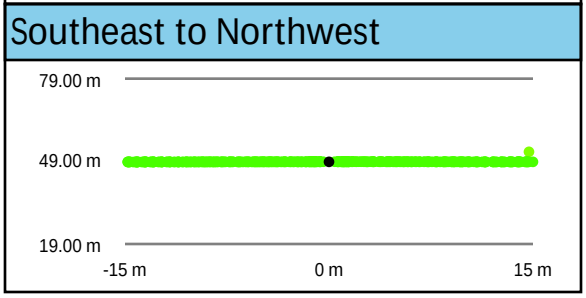


World Imagery

Southwest to Northeast

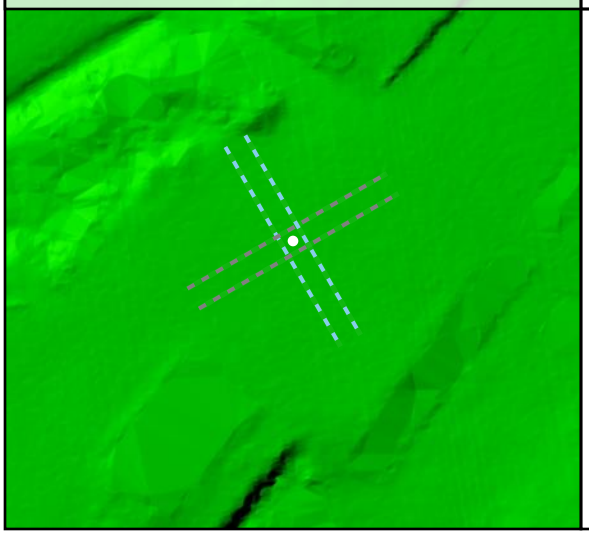


Southeast to Northwest



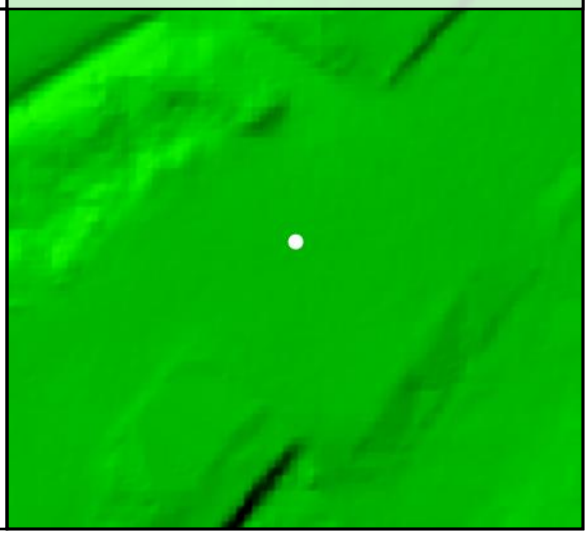
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



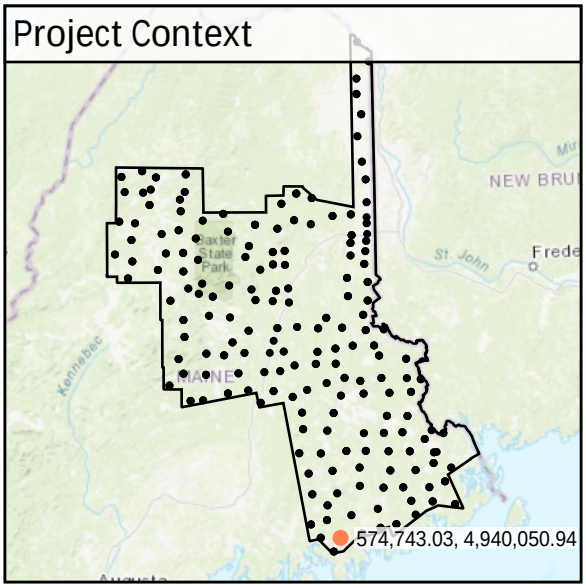
DEM Dz +0.03 m

NVA - BE02

All Points TIN Dz +0.03 m

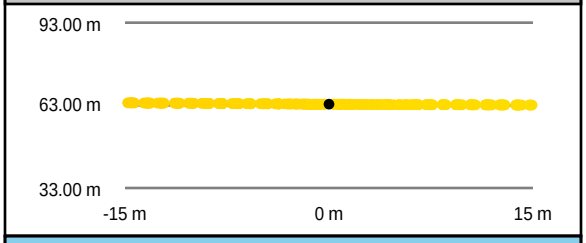
BE03				
	Known Z	63.42 m	Point Density	2.97 ppsm
	DEM Dz	-0.03 m	Ground Density	2.97 ppsm
	All Points TIN Dz	-0.02 m	Slope	2.15 °

Project Context

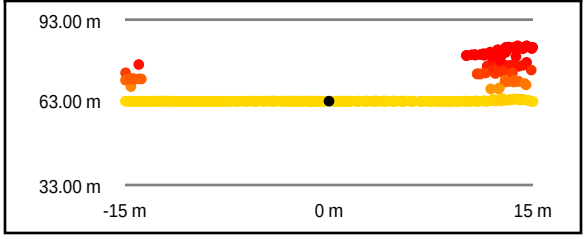


World Imagery

West to East

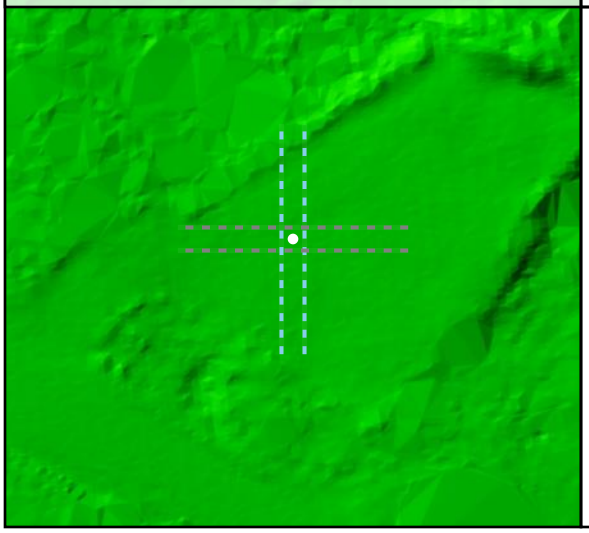


South to North



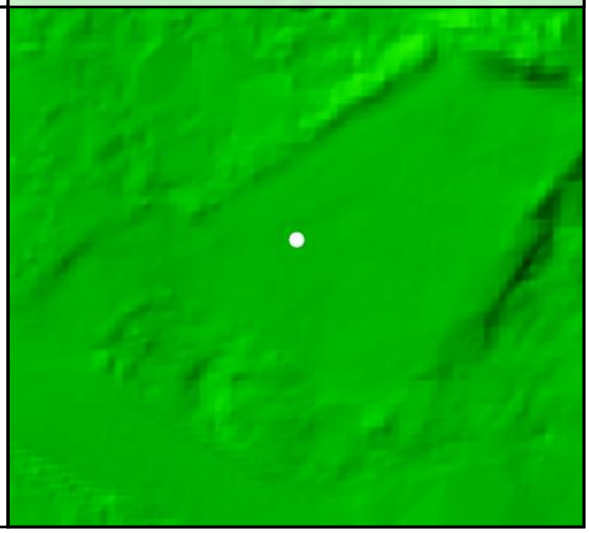
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



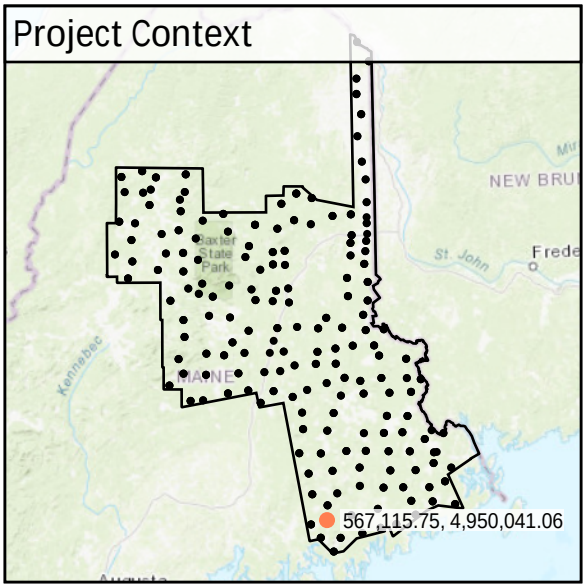
DEM Dz -0.03 m

NVA - BE03

All Points TIN Dz -0.02 m

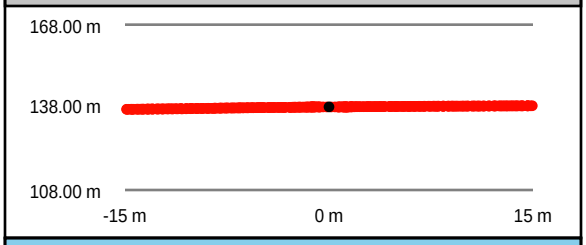
BE04				
	Known Z	138.16 m	Point Density	3.25 ppsm
	DEM Dz	-0.02 m	Ground Density	3.25 ppsm
	All Points TIN Dz	-0.01 m	Slope	2.32 °

Project Context

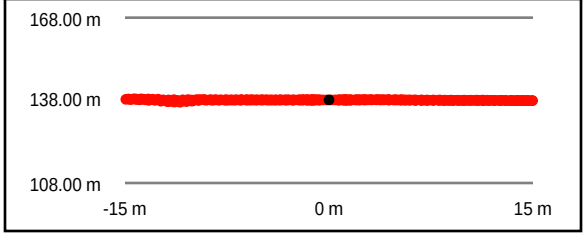


World Imagery

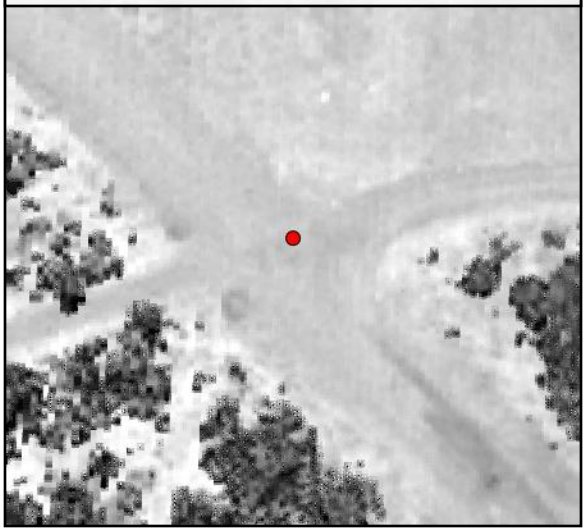
Southeast to Northwest



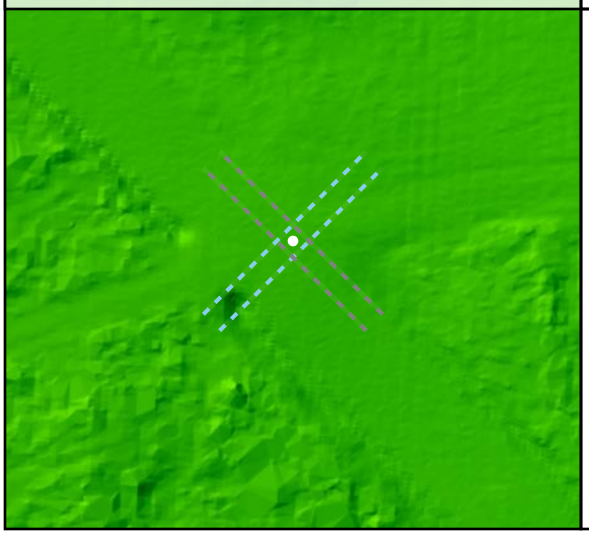
Southwest to Northeast



Intensity Raster

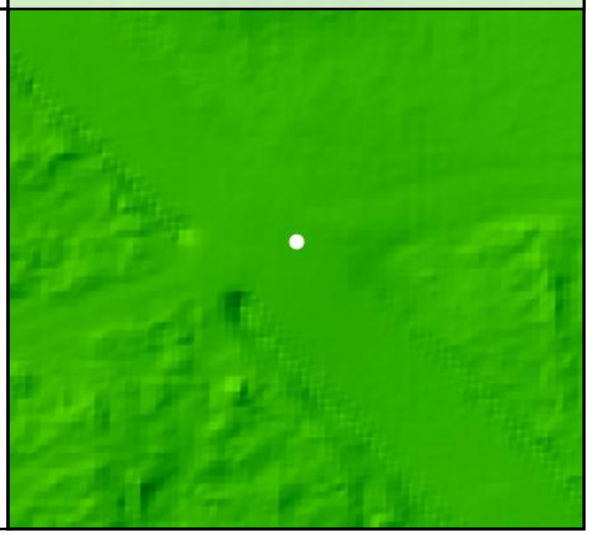


TIN Surface



Project Elevation

DEM Surface



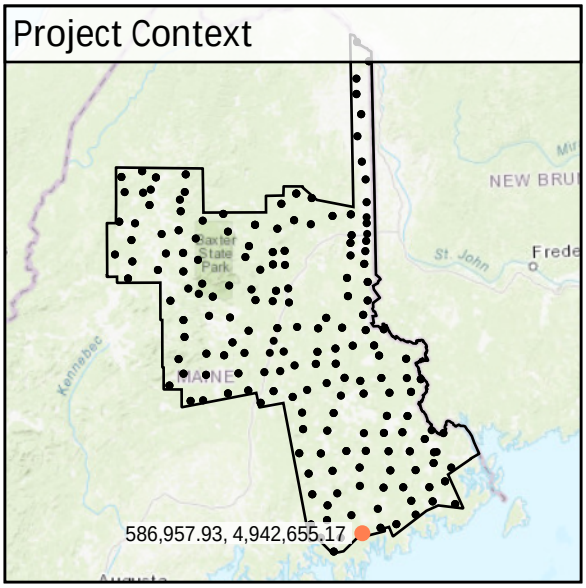
DEM Dz -0.02 m

NVA - BE04

All Points TIN Dz -0.01 m

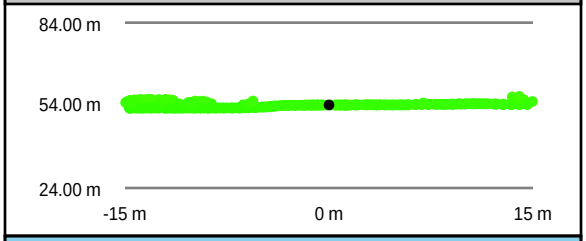
BE05				
	Known Z	54.14 m	Point Density	2.37 ppsm
	DEM Dz	-0.03 m	Ground Density	2.37 ppsm
	All Points TIN Dz	-0.03 m	Slope	1.97 °

Project Context

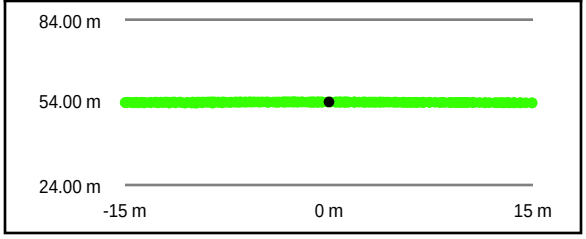


World Imagery

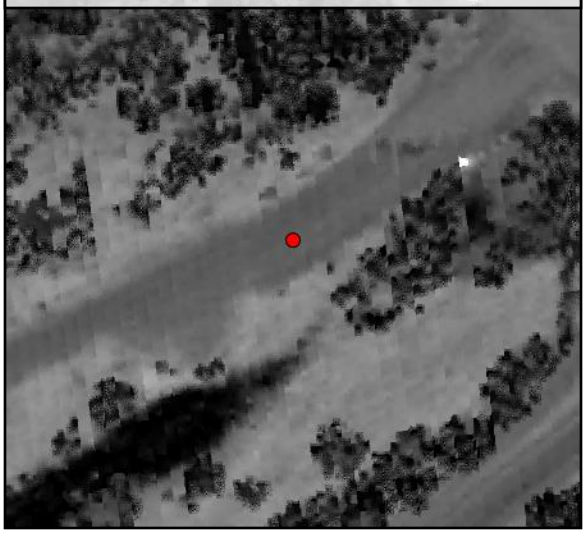
Southeast to Northwest



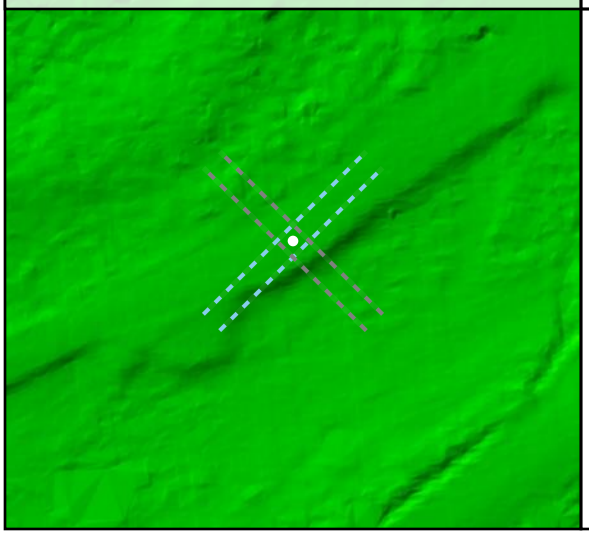
Southwest to Northeast



Intensity Raster

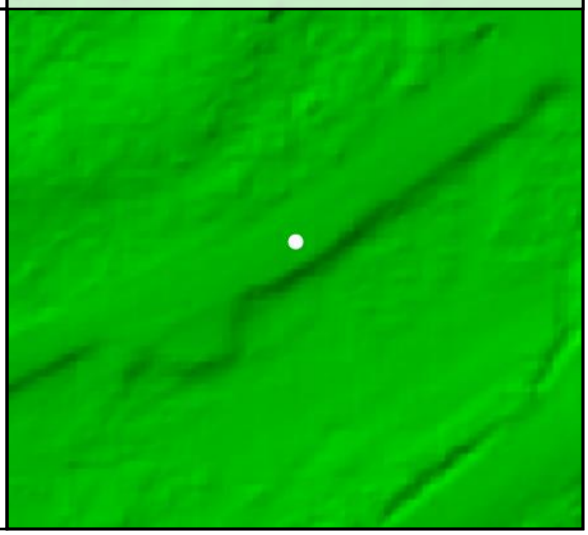


TIN Surface



Project Elevation

DEM Surface



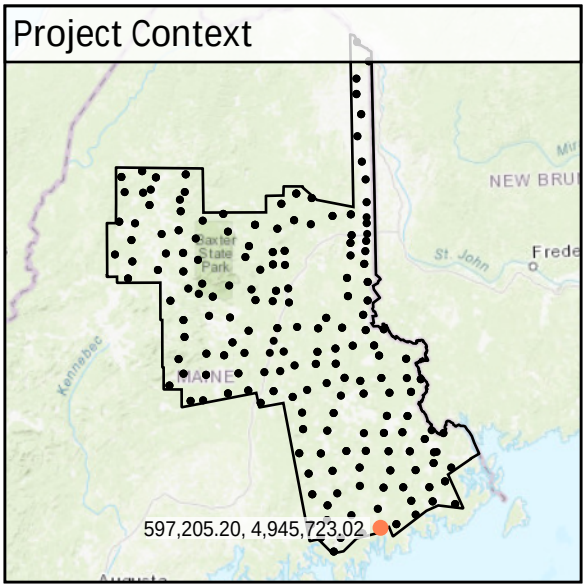
DEM Dz -0.03 m

NVA - BE05

All Points TIN Dz -0.03 m

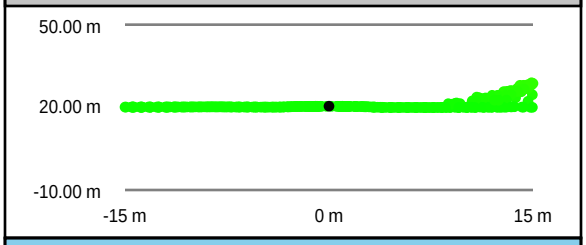
BE06				
	Known Z	20.41 m	Point Density	2.94 ppsm
	DEM Dz	-0.05 m	Ground Density	2.94 ppsm
	All Points TIN Dz	-0.05 m	Slope	0.89 °

Project Context

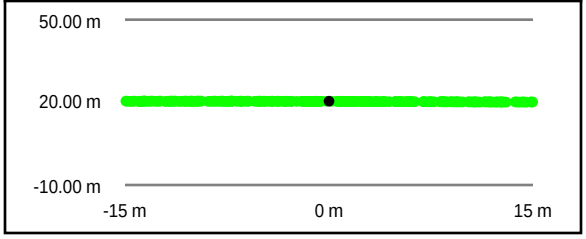


World Imagery

Southeast to Northwest

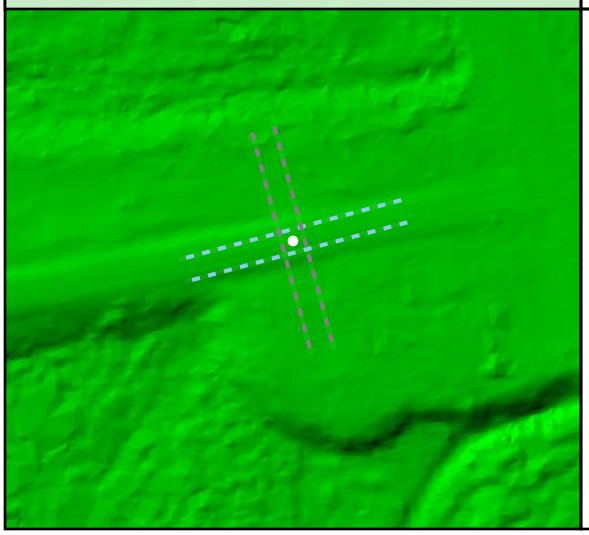


Southwest to Northeast



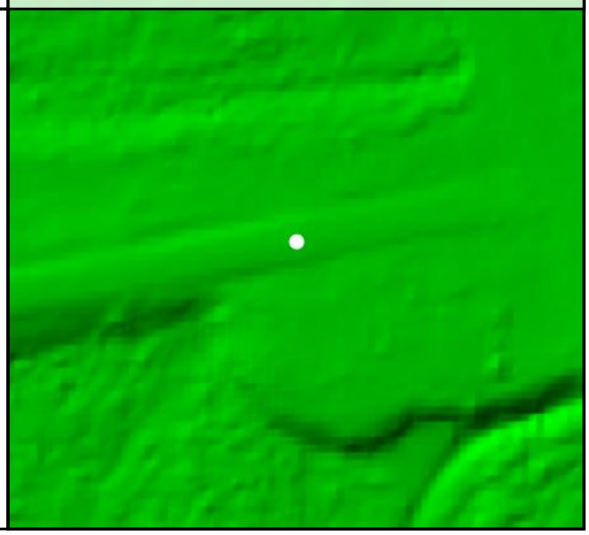
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

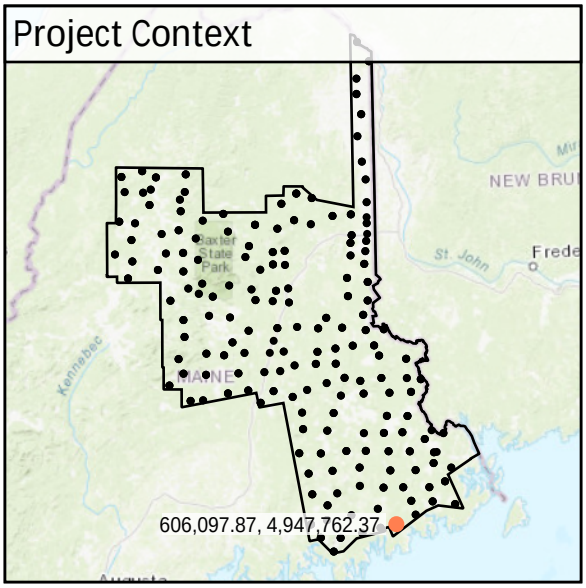
NVA - BE06

All Points TIN Dz -0.05 m

BE07

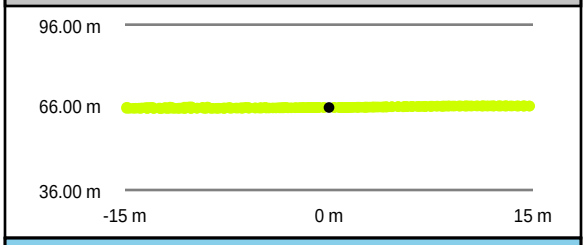
Known Z	65.94 m	Point Density	2.51 ppsm
DEM Dz	0.00 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.00 m	Slope	2.07 °

Project Context

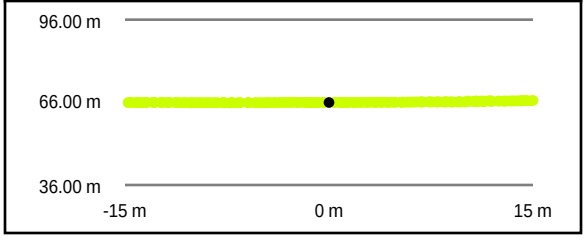


World Imagery

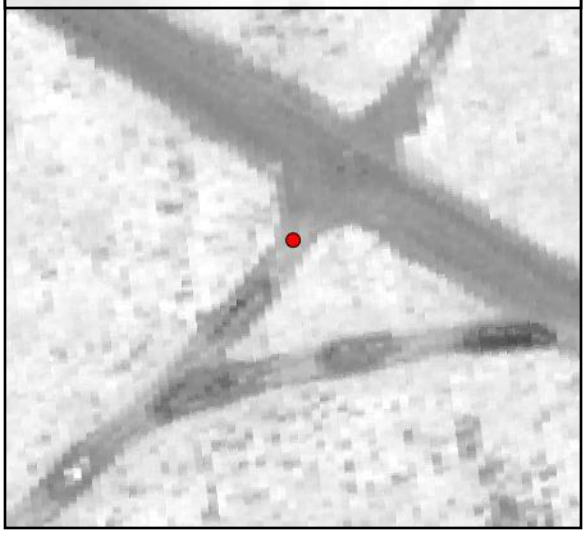
Southwest to Northeast



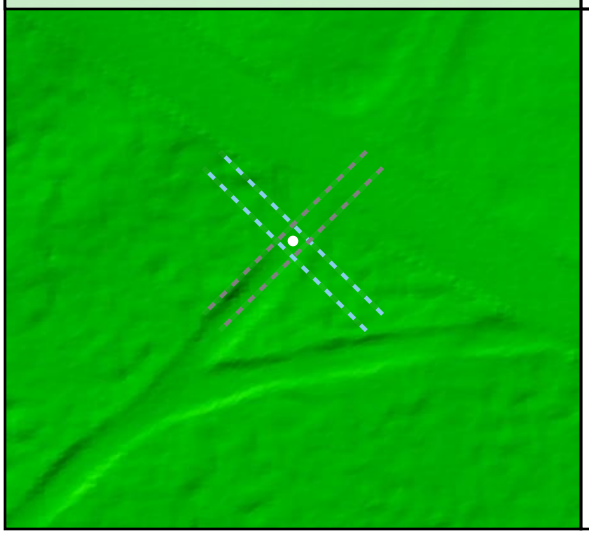
Southeast to Northwest



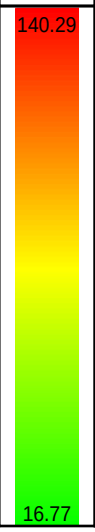
Intensity Raster



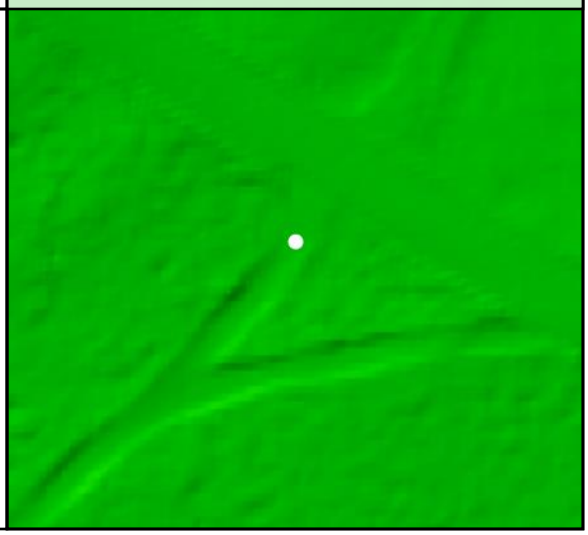
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.00 m

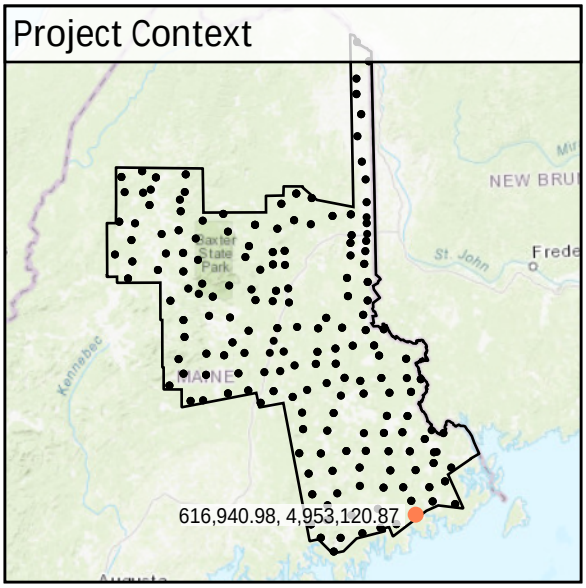
NVA - BE07

All Points TIN Dz +0.00 m

BE08

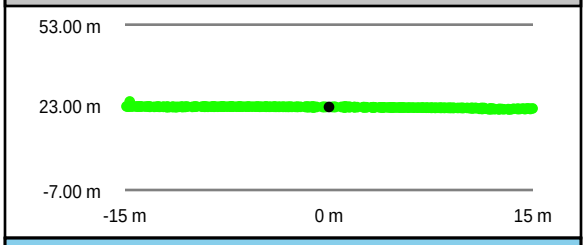
Known Z	23.13 m	Point Density	2.51 ppsm
DEM Dz	0.00 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.01 m	Slope	1.95 °

Project Context

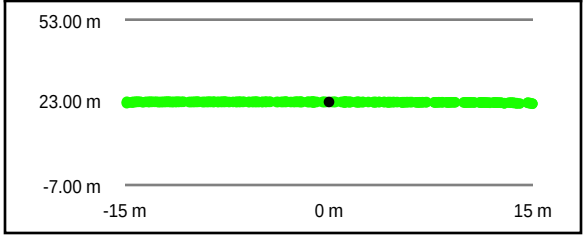


World Imagery

South to North

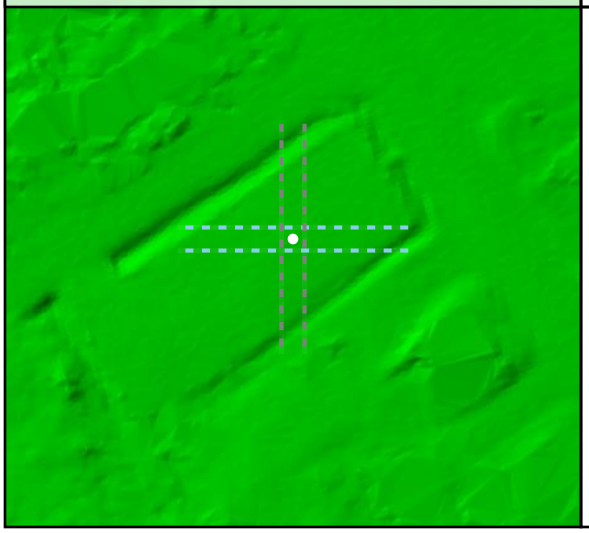


West to East



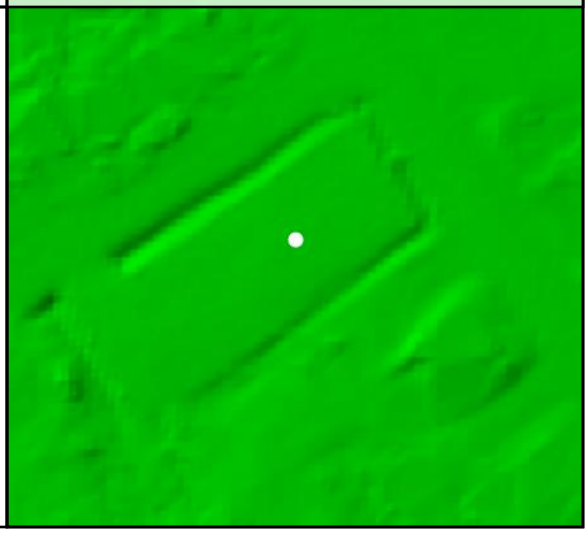
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



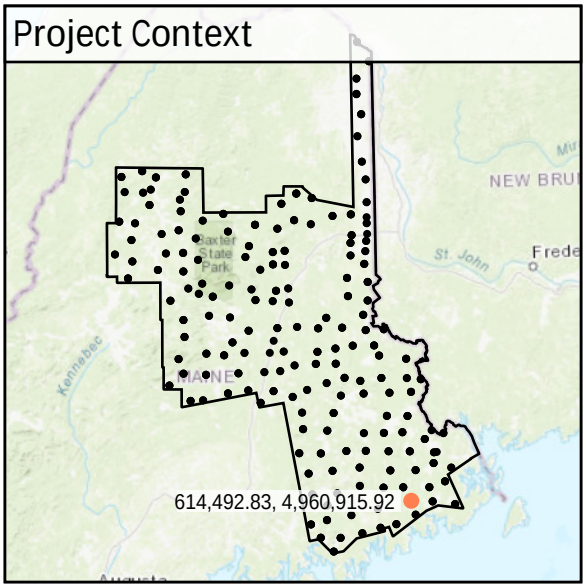
DEM Dz +0.00 m

NVA - BE08

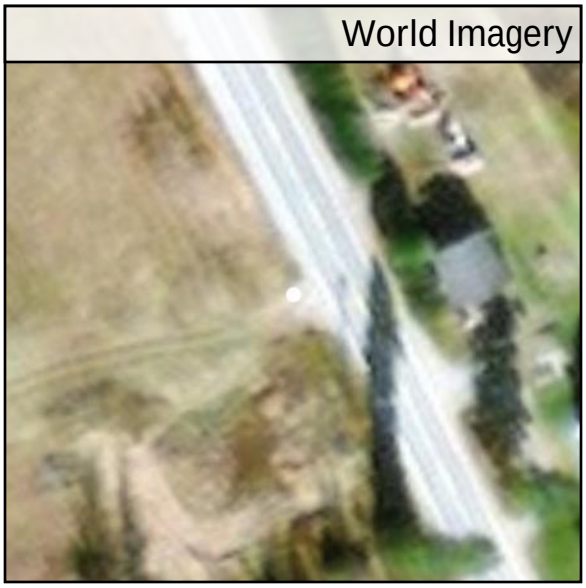
All Points TIN Dz +0.01 m

BE09				
	Known Z	29.89 m	Point Density	3.57 ppsm
	DEM Dz	0.11 m	Ground Density	3.57 ppsm
	All Points TIN Dz	0.10 m	Slope	3.14 °

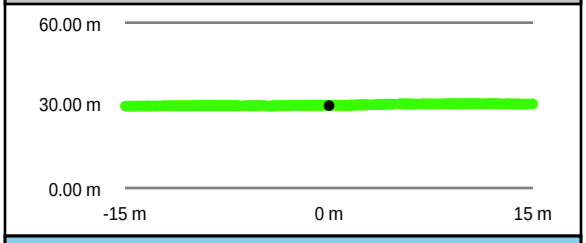
Project Context



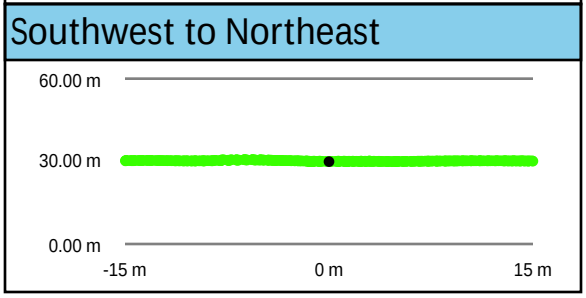
World Imagery



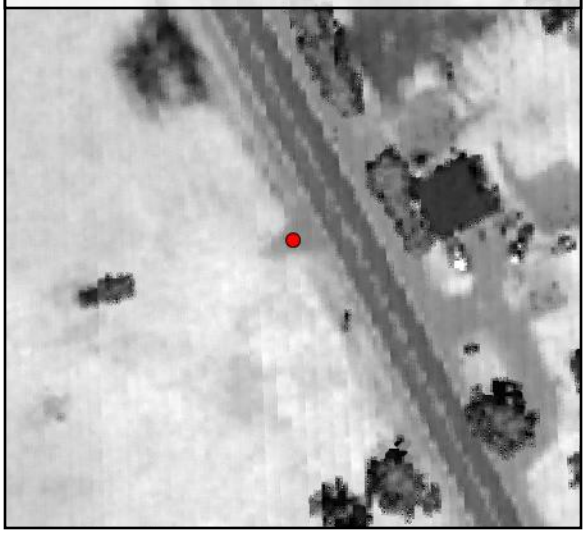
Southeast to Northwest



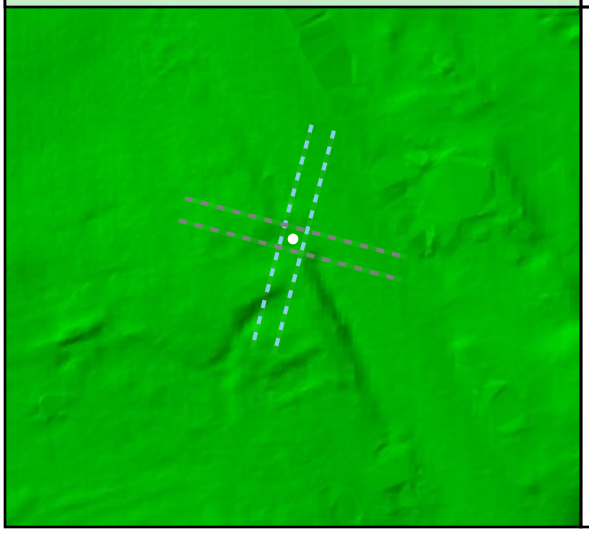
Southwest to Northeast



Intensity Raster

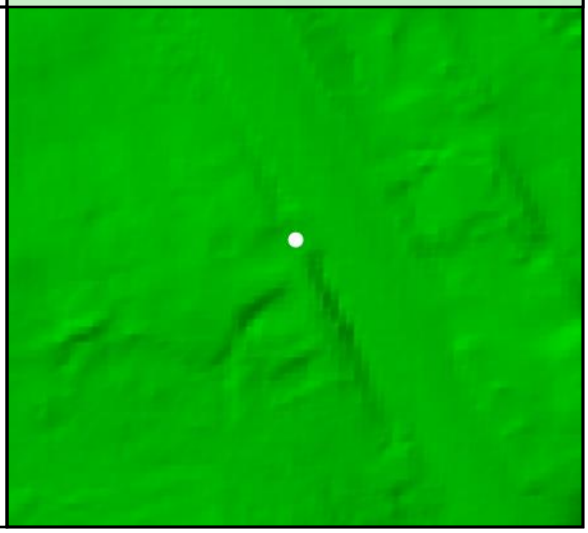


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.11 m

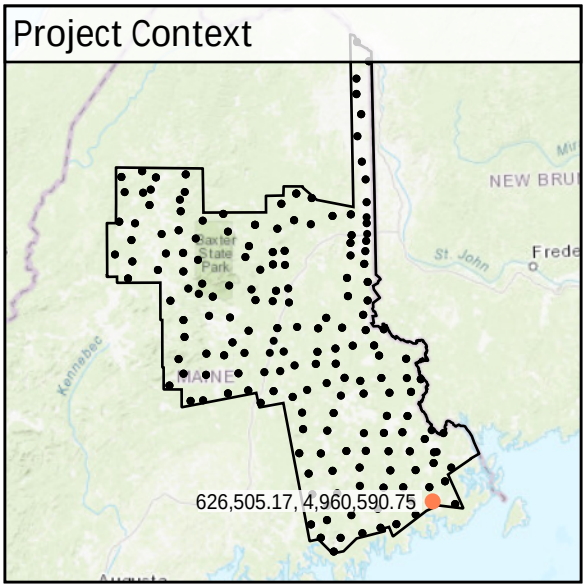
NVA - BE09

All Points TIN Dz +0.10 m

BE10

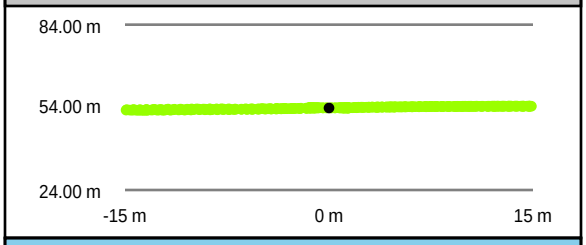
Known Z	53.76 m	Point Density	3.08 ppsm
DEM Dz	0.06 m	Ground Density	3.04 ppsm
All Points TIN Dz	0.05 m	Slope	5.88 °

Project Context

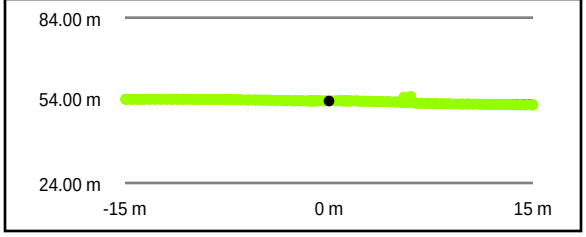


World Imagery

Southeast to Northwest

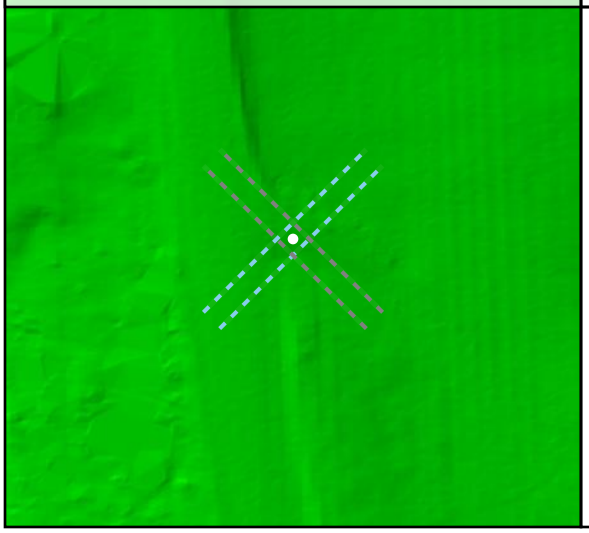


Southwest to Northeast



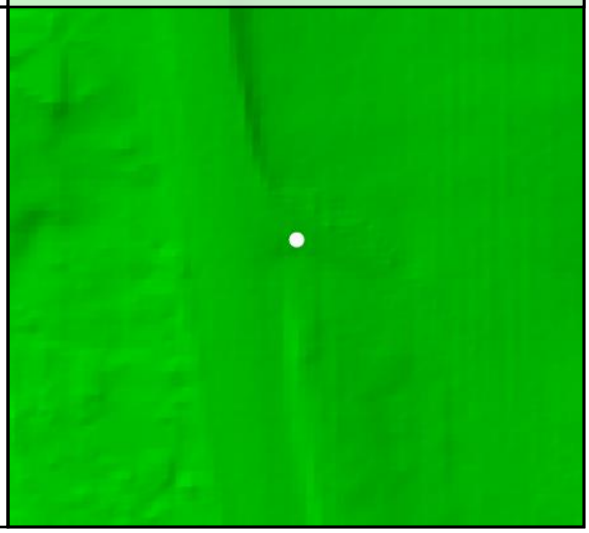
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

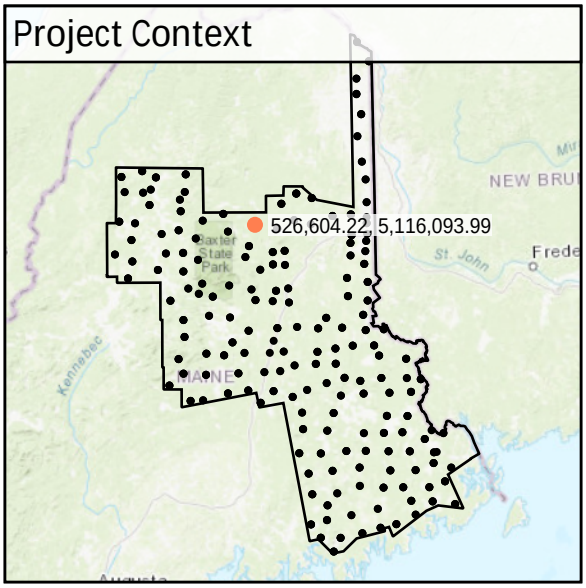
NVA - BE10

All Points TIN Dz +0.05 m

BE100

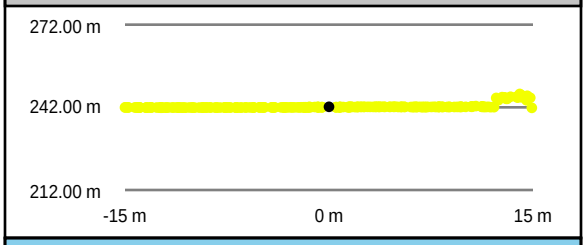
Known Z	242.19 m	Point Density	2.37 ppsm
DEM Dz	-0.12 m	Ground Density	2.37 ppsm
All Points TIN Dz	-0.13 m	Slope	2.87 °

Project Context

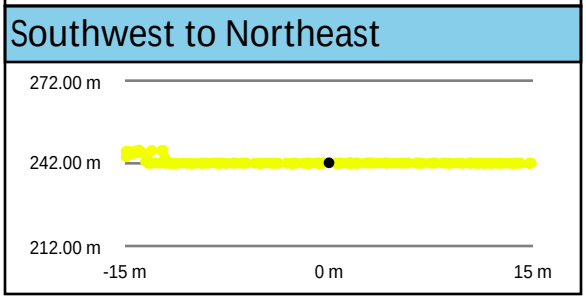


World Imagery

Southeast to Northwest

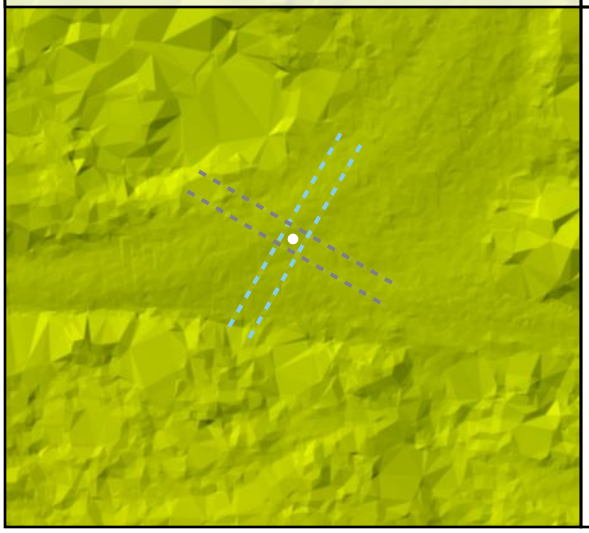


Southwest to Northeast



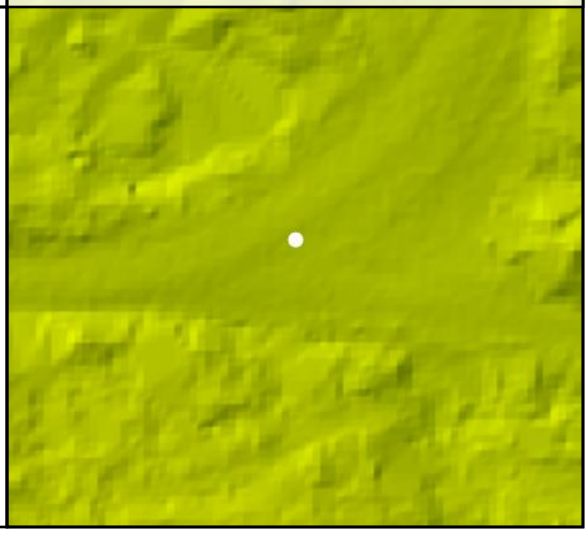
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



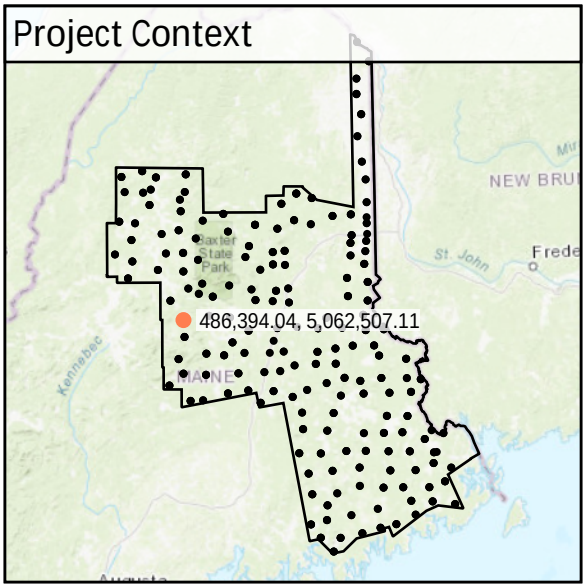
DEM Dz -0.12 m

NVA - BE100

All Points TIN Dz -0.13 m

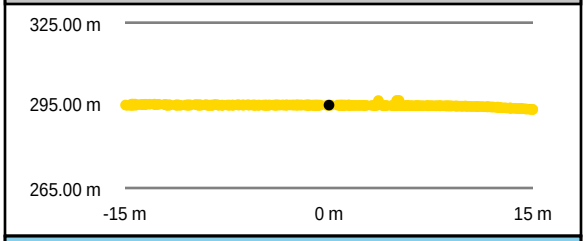
BE101				
	Known Z	295.08 m	Point Density	2.97 ppsm
	DEM Dz	-0.03 m	Ground Density	2.97 ppsm
	All Points TIN Dz	-0.02 m	Slope	1.80 °

Project Context

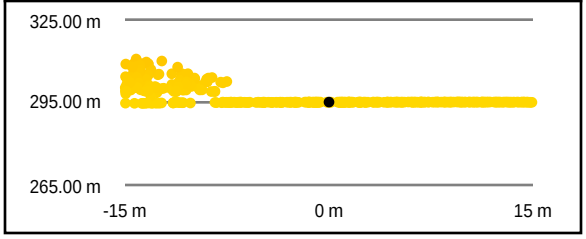


World Imagery

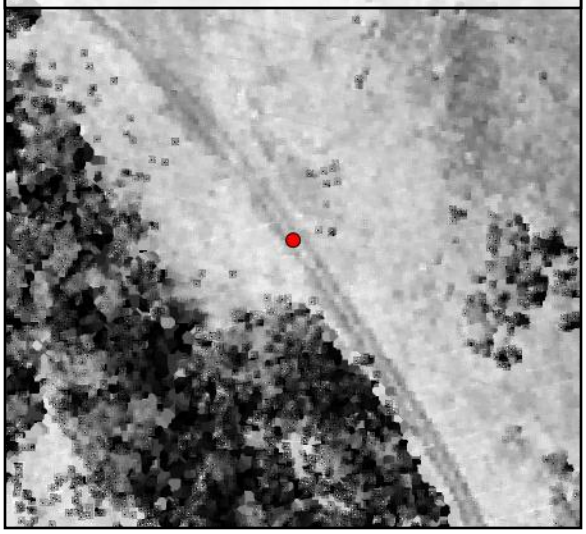
West to East



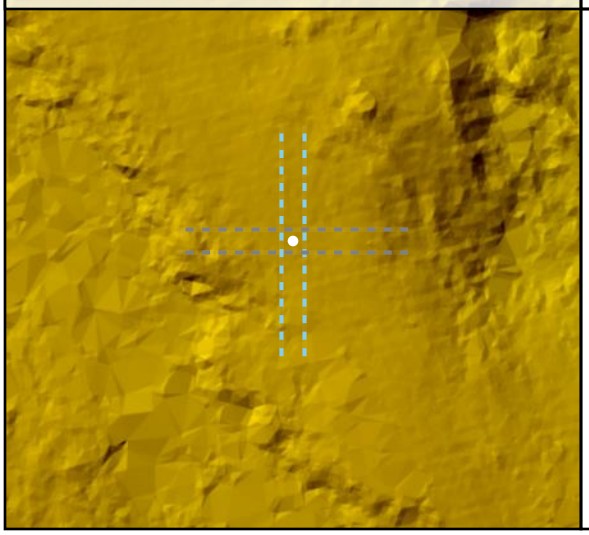
South to North



Intensity Raster

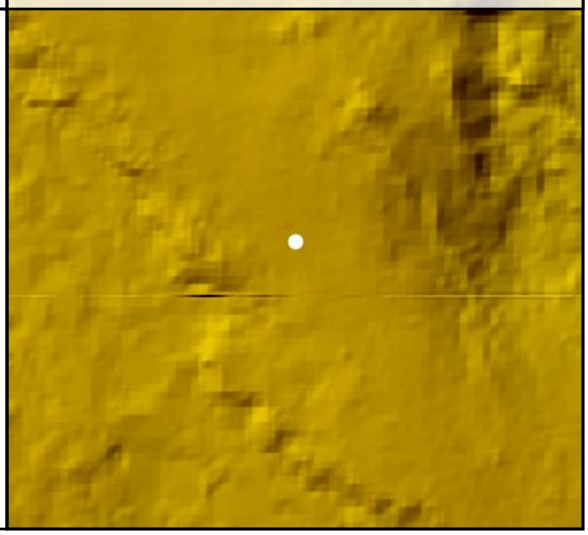


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

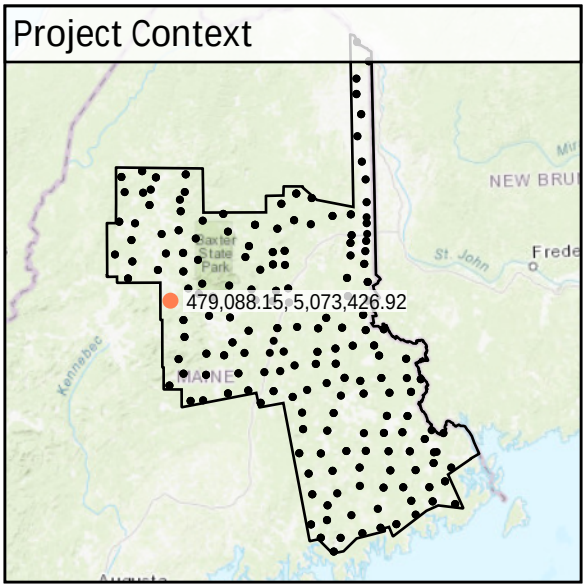
NVA - BE101

All Points TIN Dz -0.02 m

BE102

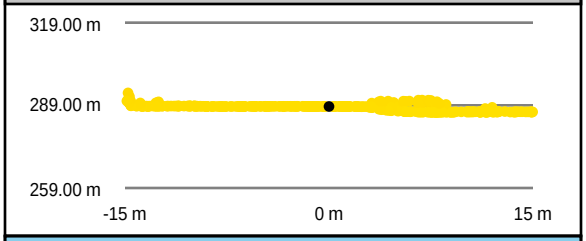
Known Z	288.58 m	Point Density	2.94 ppsm
DEM Dz	0.01 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.02 m	Slope	1.77 °

Project Context

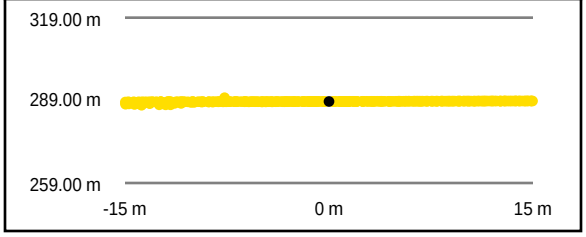


World Imagery

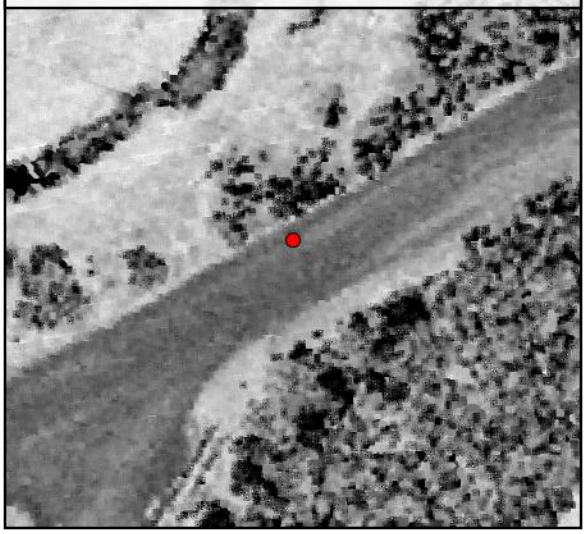
Southeast to Northwest



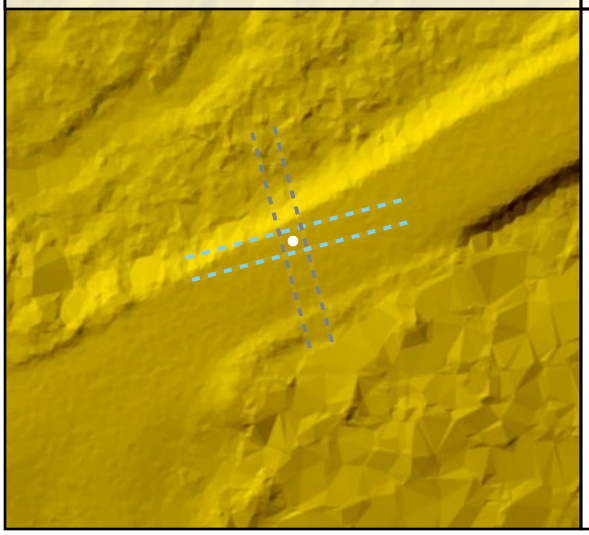
Southwest to Northeast



Intensity Raster

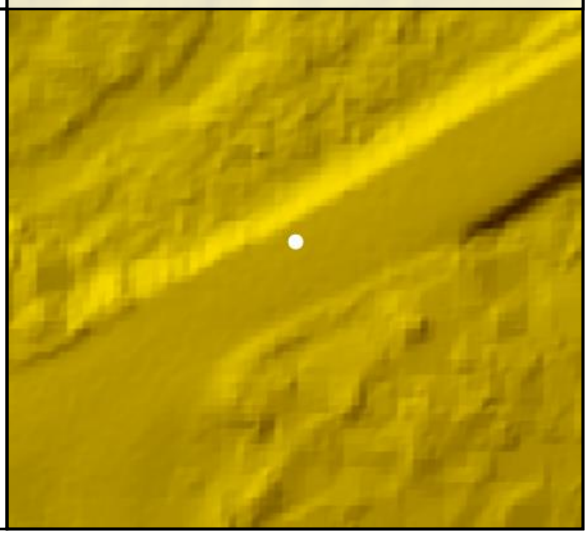


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

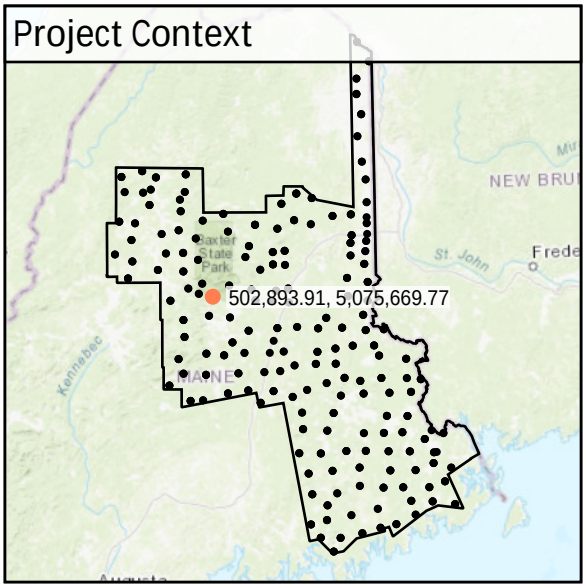
NVA - BE102

All Points TIN Dz +0.02 m

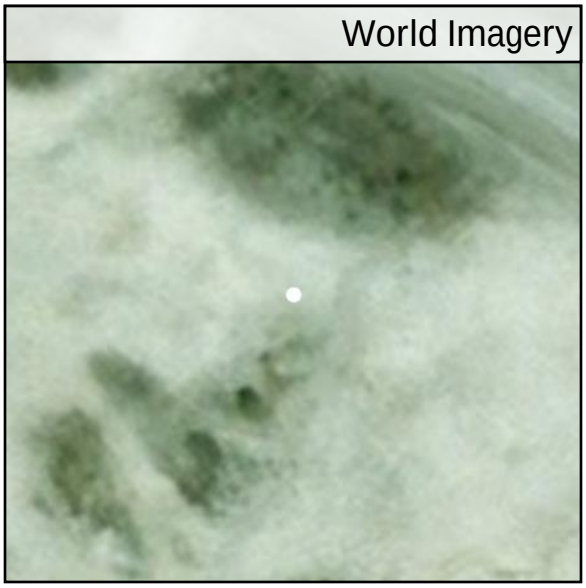
BE103

Known Z	179.46 m	Point Density	2.69 ppsm
DEM Dz	-0.02 m	Ground Density	2.69 ppsm
All Points TIN Dz	-0.02 m	Slope	2.53 °

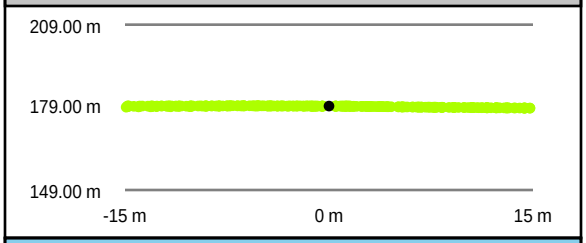
Project Context



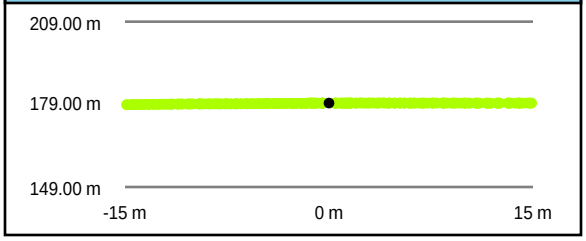
World Imagery



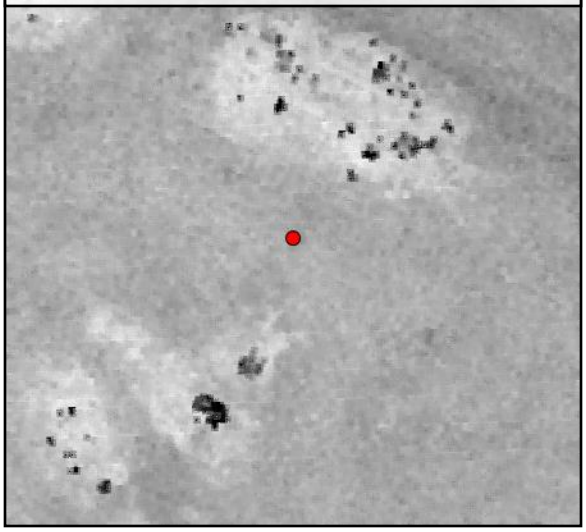
South to North



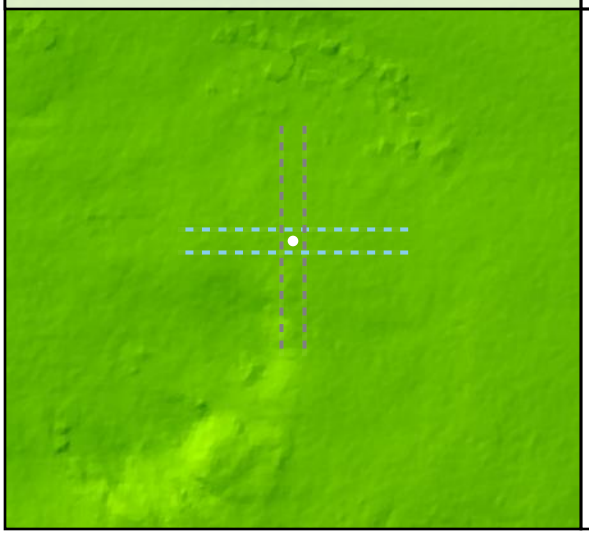
West to East



Intensity Raster

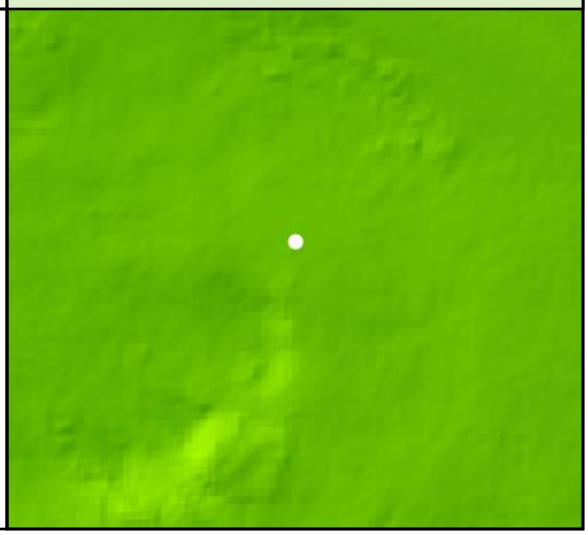


TIN Surface



Project Elevation

DEM Surface



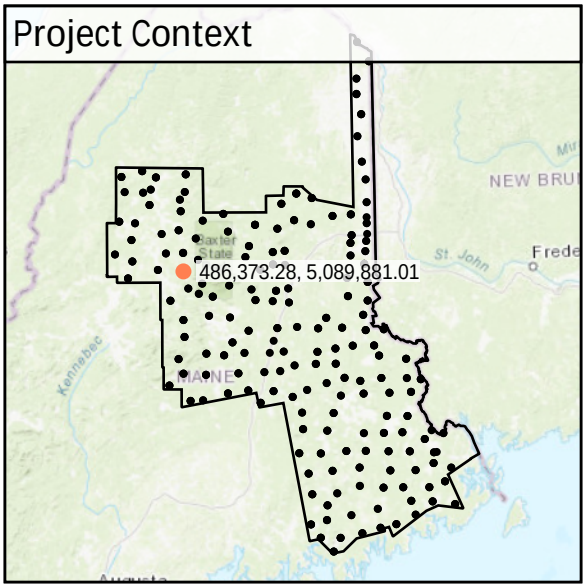
DEM Dz -0.02 m

NVA - BE103

All Points TIN Dz -0.02 m

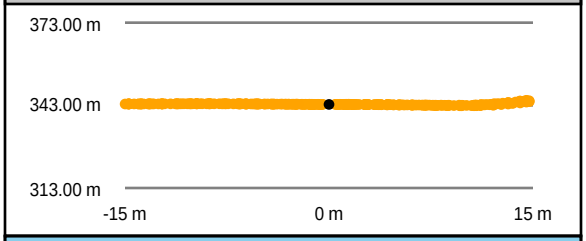
BE104				
Known Z	343.33 m	Point Density	3.01 ppsm
DEM Dz	0.02 m	Ground Density	3.01 ppsm
All Points TIN Dz	0.03 m	Slope	1.30 °

Project Context

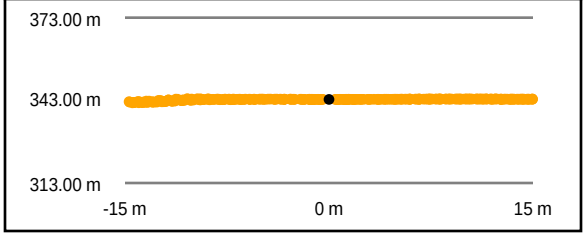


World Imagery

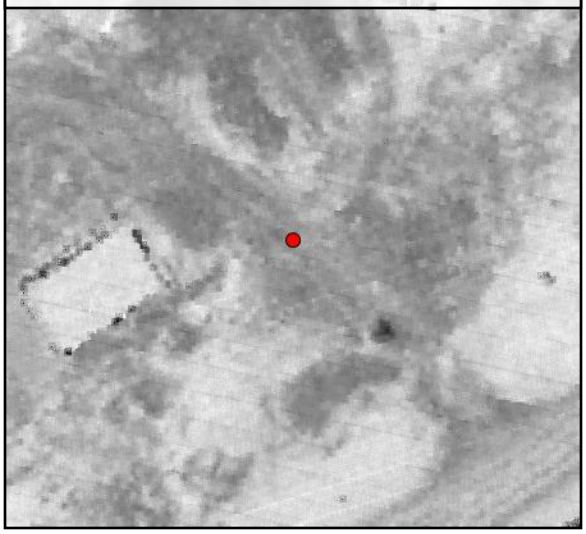
Southeast to Northwest



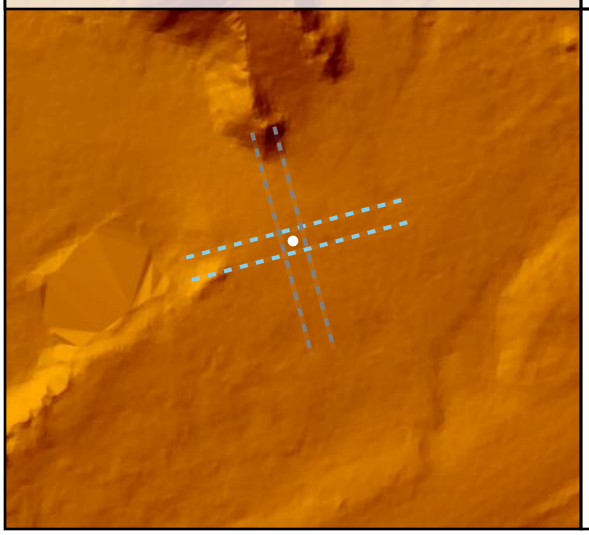
Southwest to Northeast



Intensity Raster

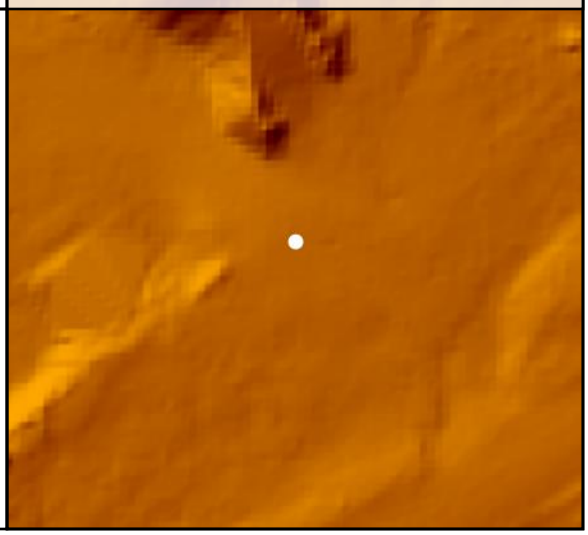


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

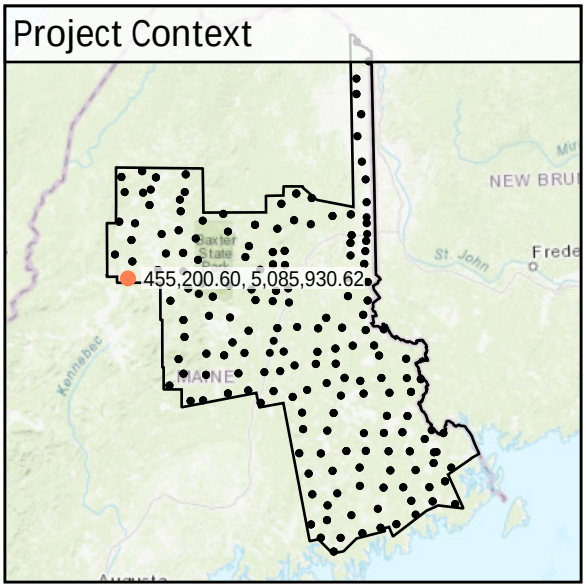
NVA - BE104

All Points TIN Dz +0.03 m

BE105

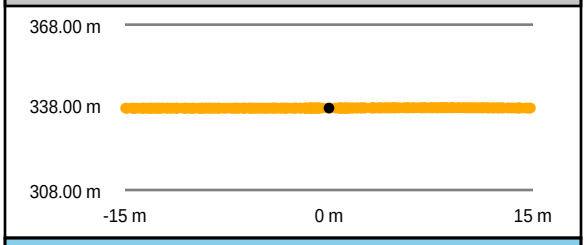
Known Z	337.73 m	Point Density	3.11 ppsm
DEM Dz	0.01 m	Ground Density	3.11 ppsm
All Points TIN Dz	0.01 m	Slope	1.10 °

Project Context

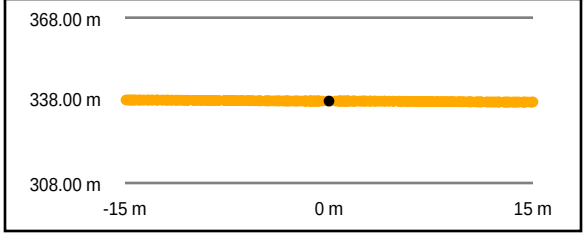


World Imagery

Southeast to Northwest

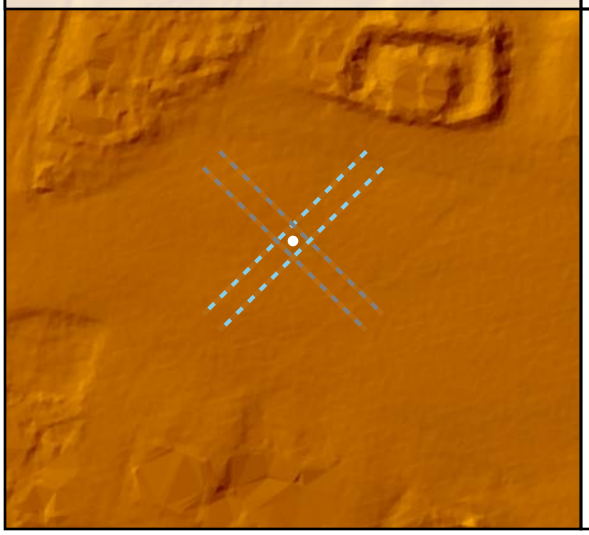


Southwest to Northeast



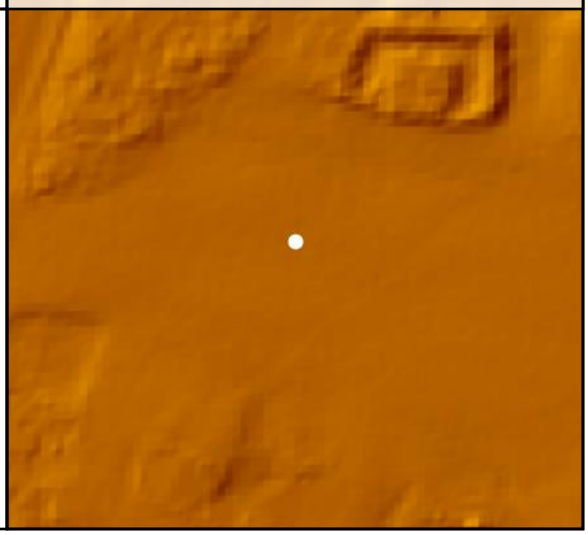
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



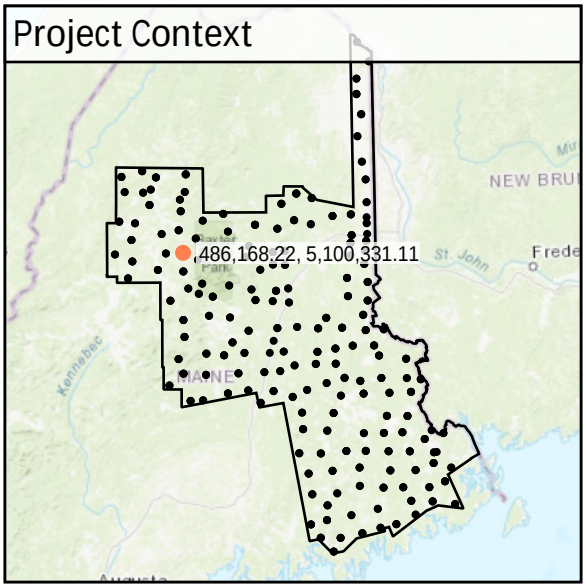
DEM Dz +0.01 m

NVA - BE105

All Points TIN Dz +0.01 m

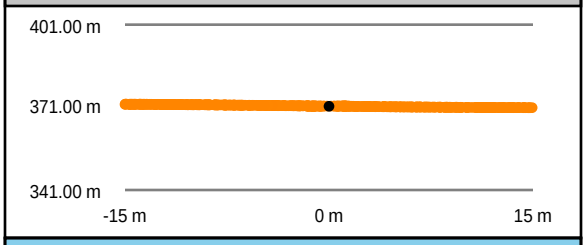
BE106				
	Known Z	371.38 m	Point Density	4.46 ppsm
	DEM Dz	0.06 m	Ground Density	4.46 ppsm
	All Points TIN Dz	0.07 m	Slope	3.25 °

Project Context

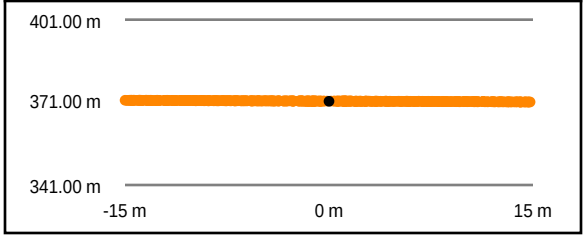


World Imagery

Southwest to Northeast

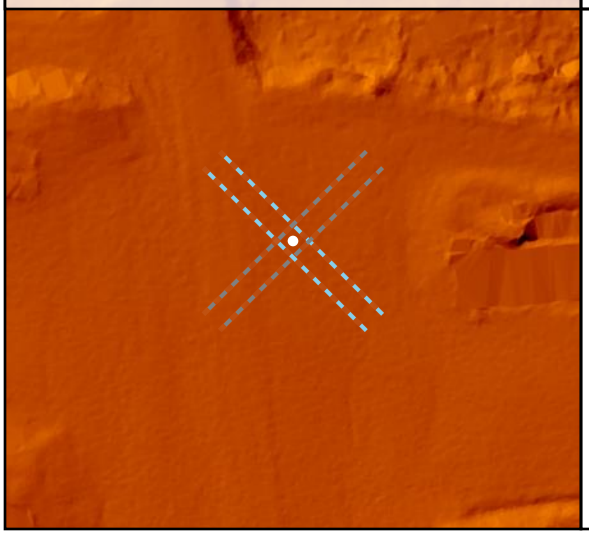


Southeast to Northwest

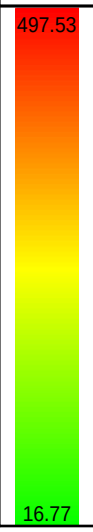


Intensity Raster

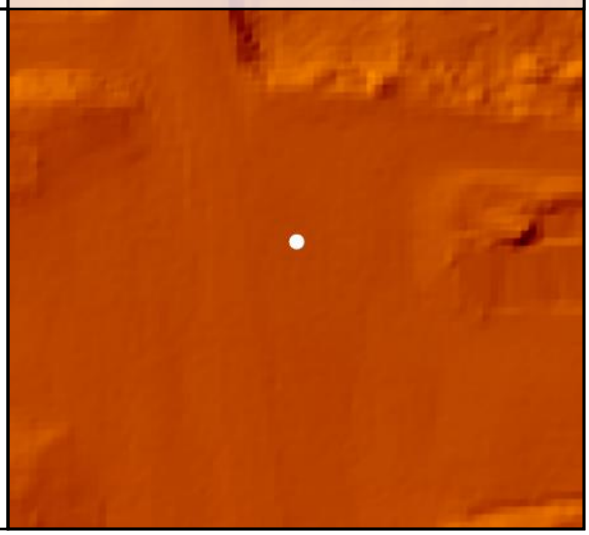
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.06 m

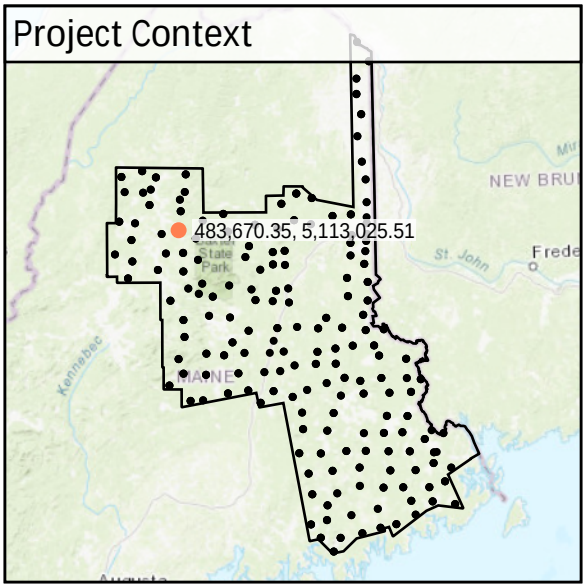
NVA - BE106

All Points TIN Dz +0.07 m

BE107

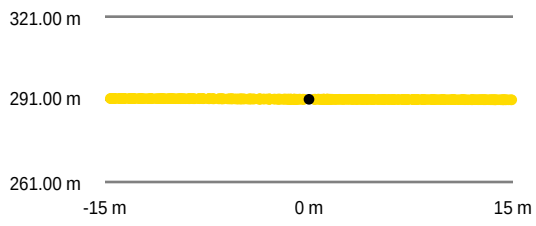
Known Z	291.01 m	Point Density	3.43 ppsm
DEM Dz	0.02 m	Ground Density	3.43 ppsm
All Points TIN Dz	0.04 m	Slope	1.67 °

Project Context

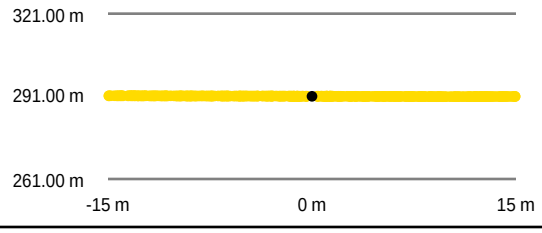


World Imagery

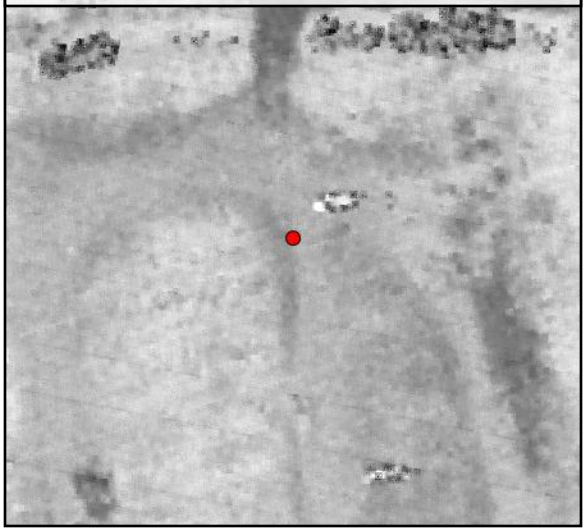
West to East



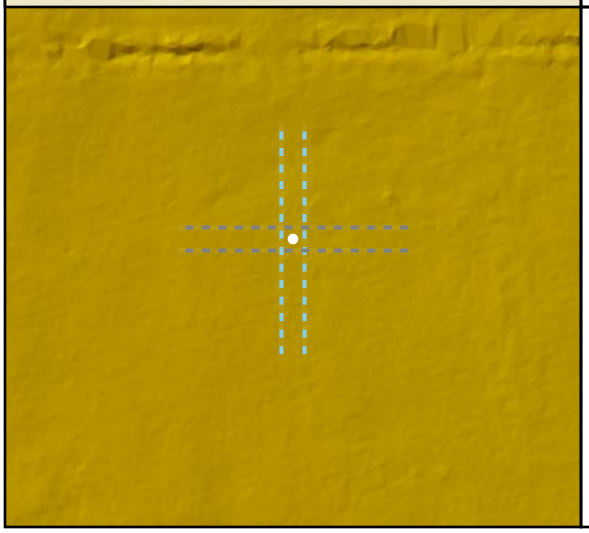
South to North



Intensity Raster

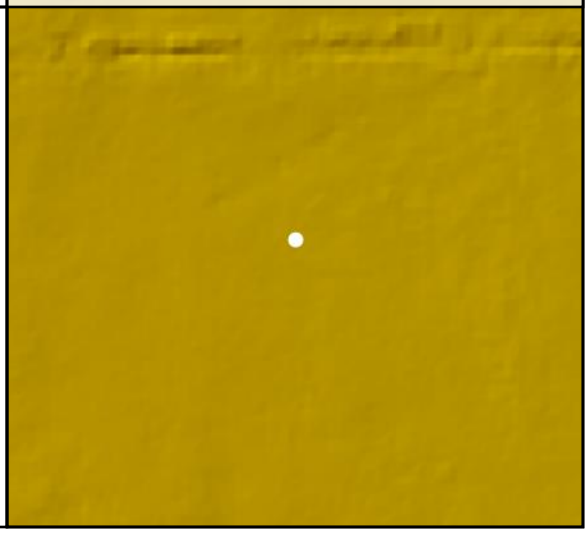


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

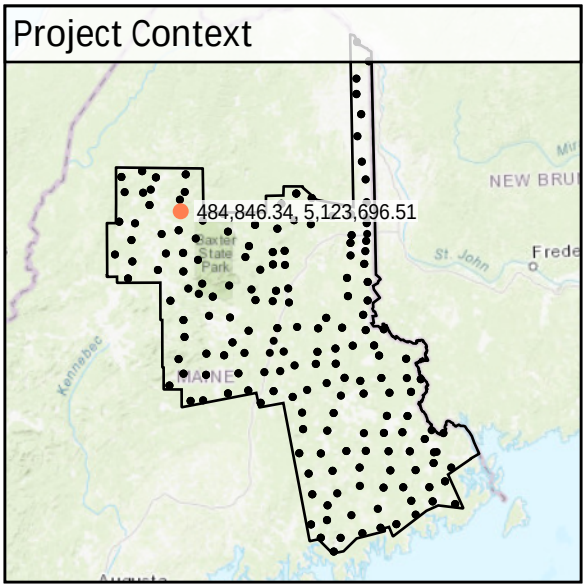
NVA - BE107

All Points TIN Dz +0.04 m

BE108

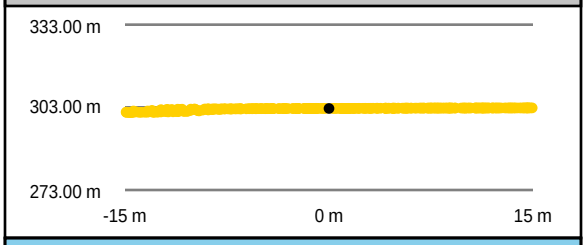
Known Z	302.59 m	Point Density	3.43 ppsm
DEM Dz	0.02 m	Ground Density	3.43 ppsm
All Points TIN Dz	0.02 m	Slope	1.00 °

Project Context

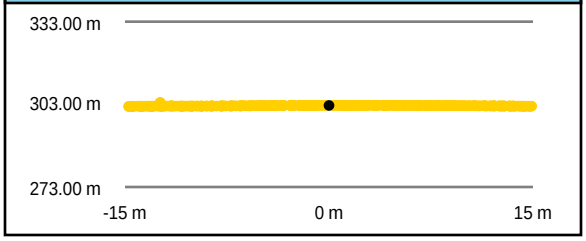


World Imagery

South to North

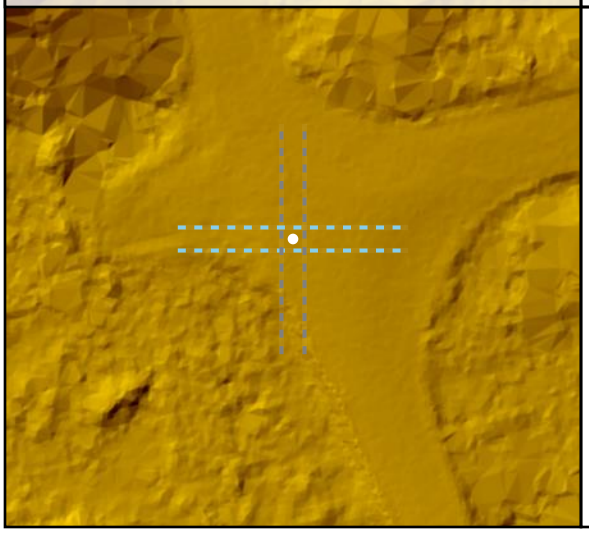


West to East



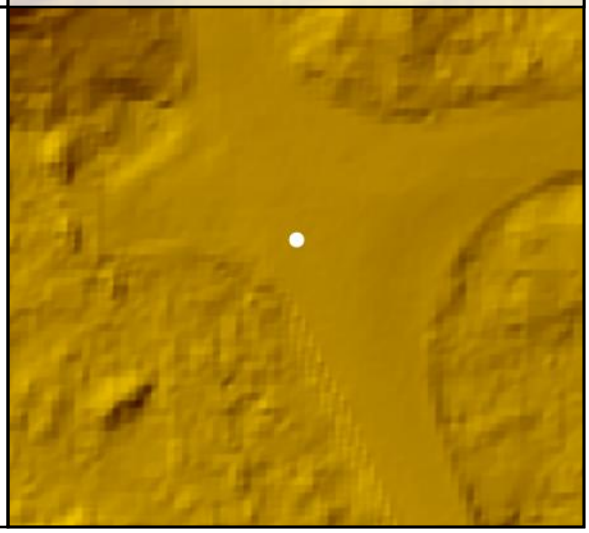
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

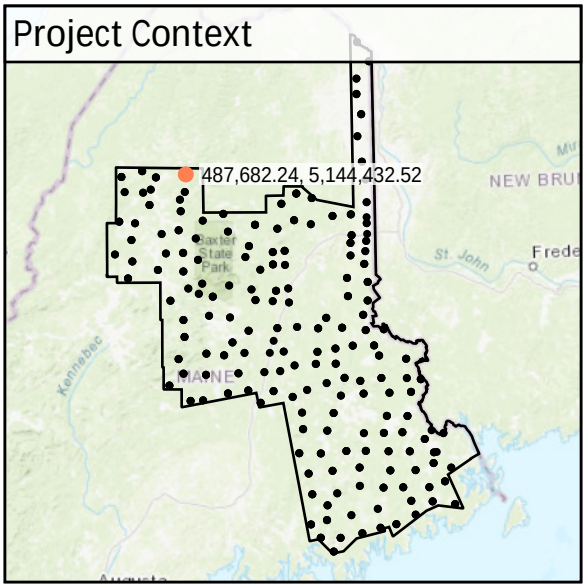
NVA - BE108

All Points TIN Dz +0.02 m

BE109

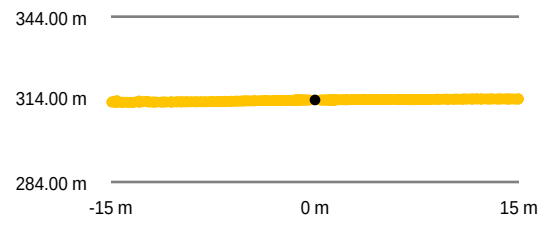
Known Z	313.77 m	Point Density	4.07 ppsm
DEM Dz	-0.02 m	Ground Density	4.07 ppsm
All Points TIN Dz	-0.03 m	Slope	3.08 °

Project Context

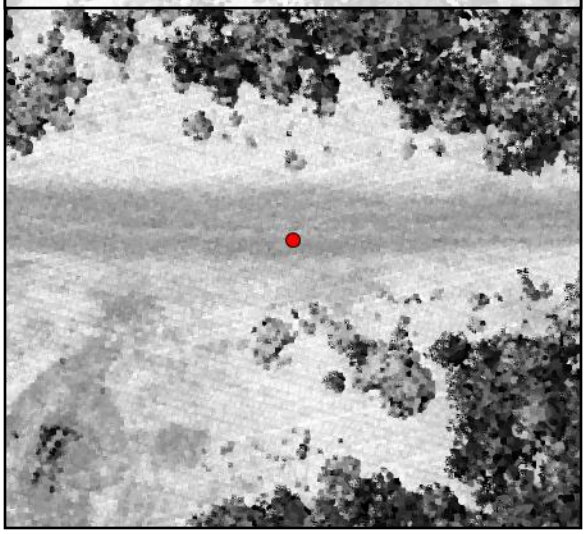


World Imagery

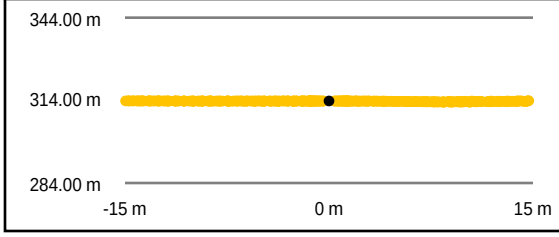
Southeast to Northwest



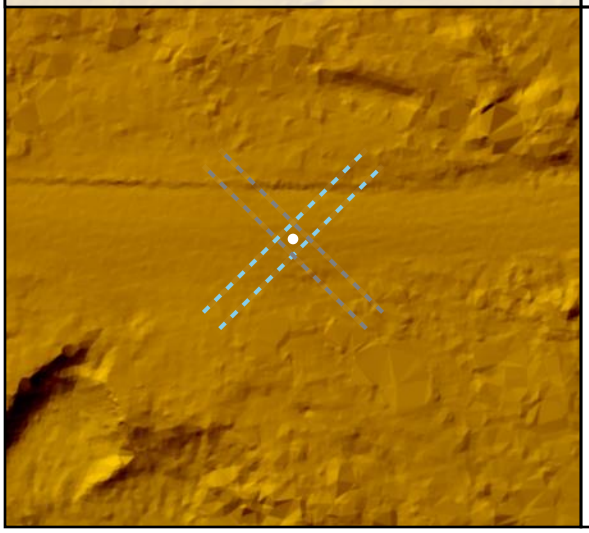
Intensity Raster



Southwest to Northeast

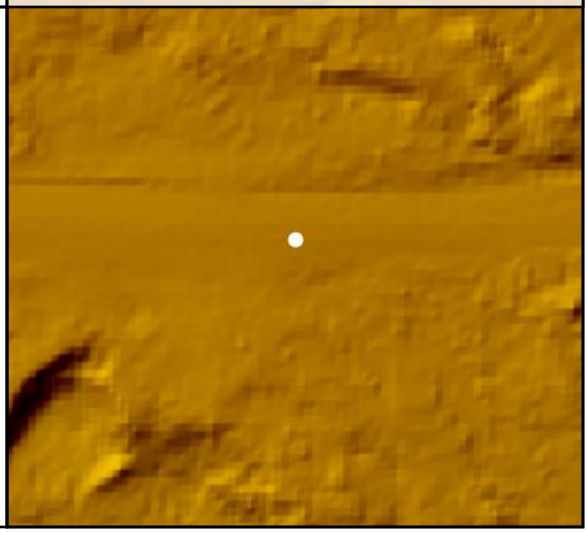


TIN Surface



Project Elevation

DEM Surface



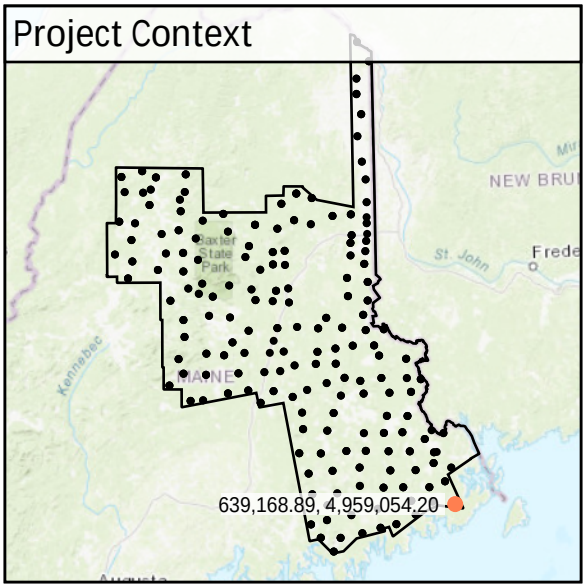
DEM Dz -0.02 m

NVA - BE109

All Points TIN Dz -0.03 m

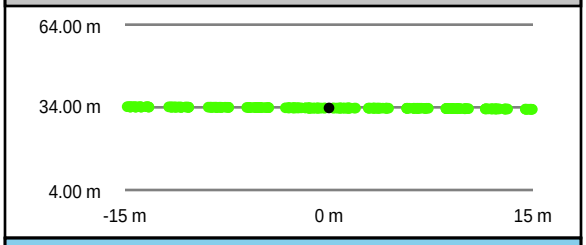
BE11				
	Known Z	33.78 m	Point Density	2.44 ppsm
	DEM Dz	-0.04 m	Ground Density	2.44 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.52 °

Project Context

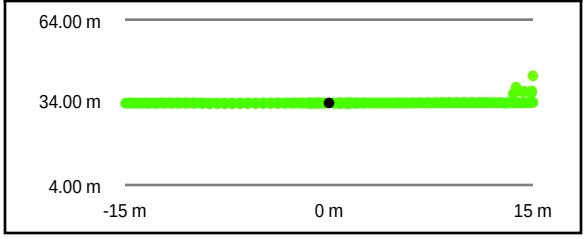


World Imagery

Southeast to Northwest

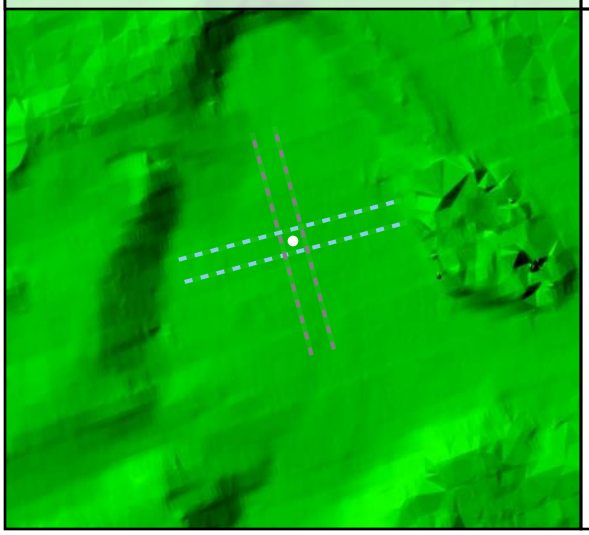


Southwest to Northeast



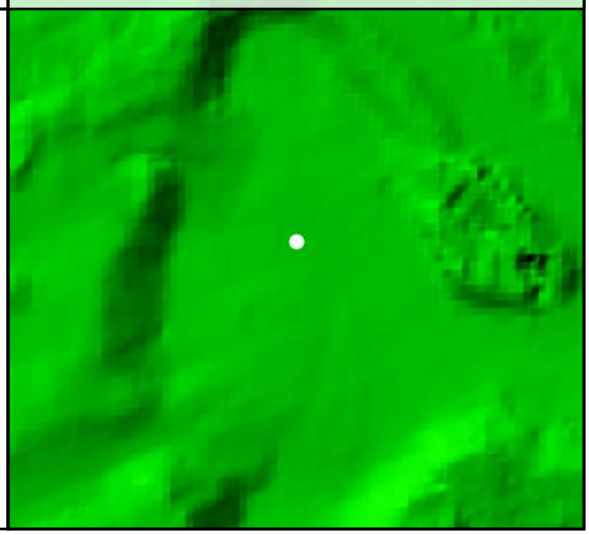
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



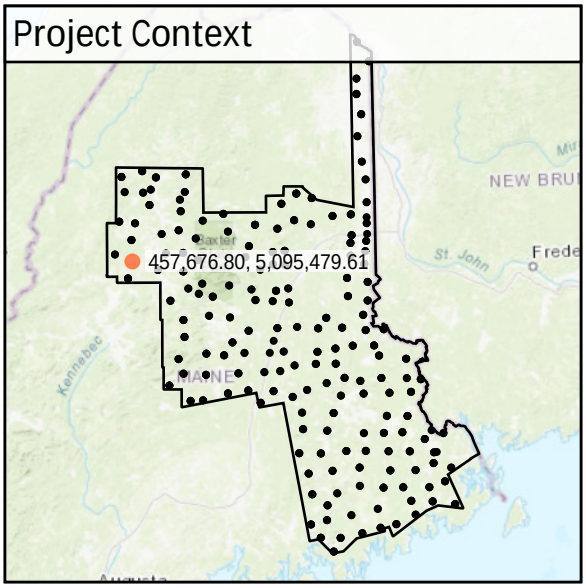
DEM Dz -0.04 m

NVA - BE11

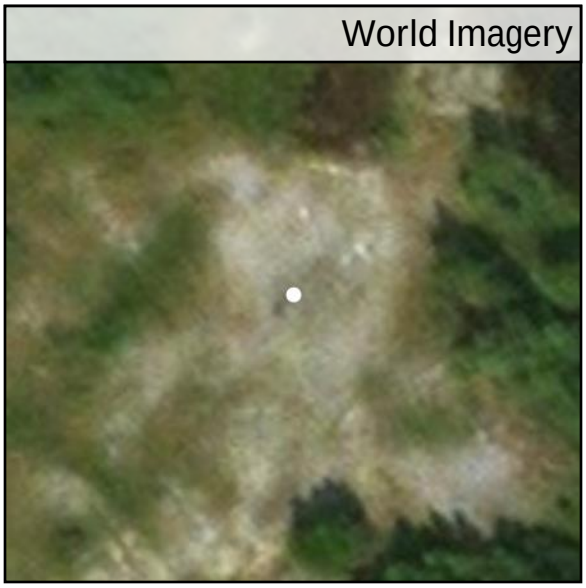
All Points TIN Dz -0.05 m

BE110				
	Known Z	319.84 m	Point Density	3.04 ppsm
	DEM Dz	-0.03 m	Ground Density	3.04 ppsm
	All Points TIN Dz	-0.03 m	Slope	1.02 °

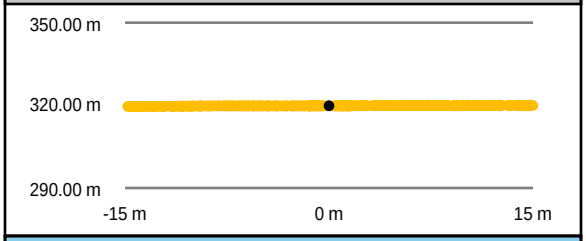
Project Context



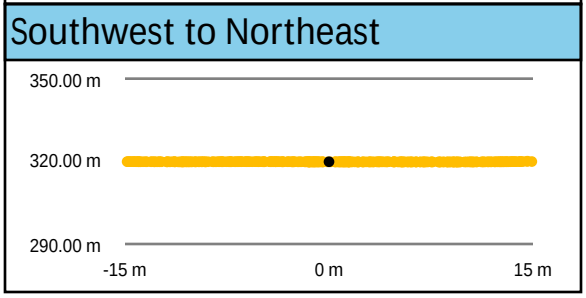
World Imagery



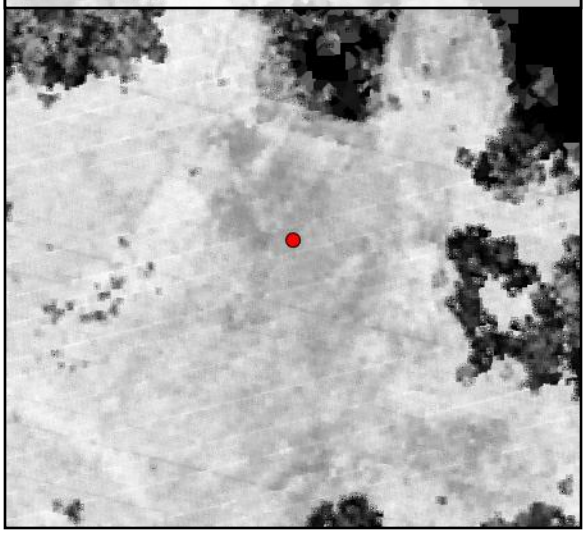
Southeast to Northwest



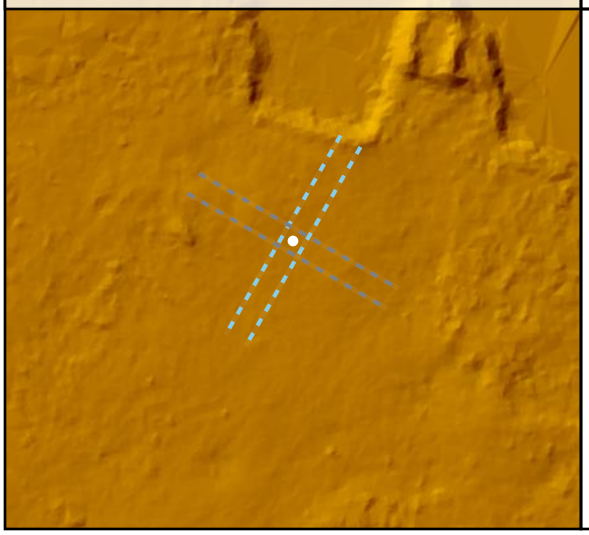
Southwest to Northeast



Intensity Raster

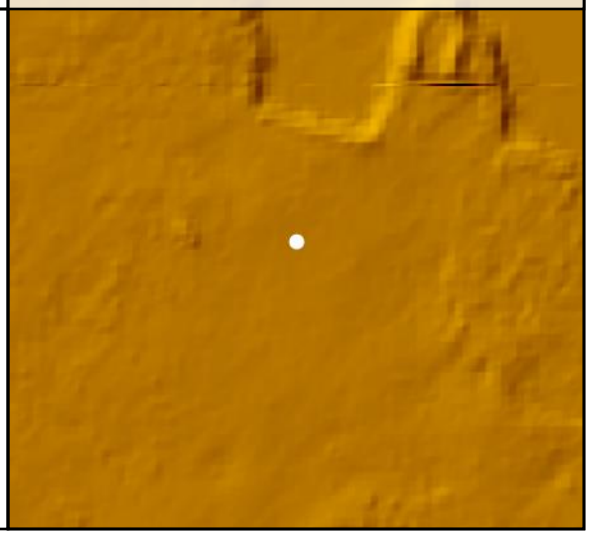


TIN Surface



Project Elevation

DEM Surface



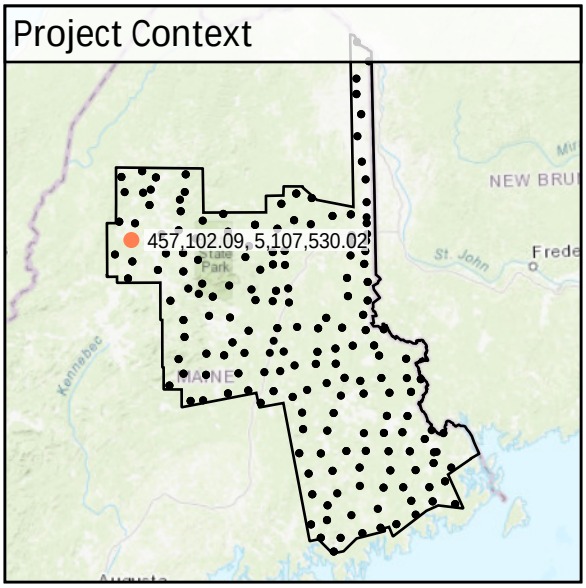
DEM Dz -0.03 m

NVA - BE110

All Points TIN Dz -0.03 m

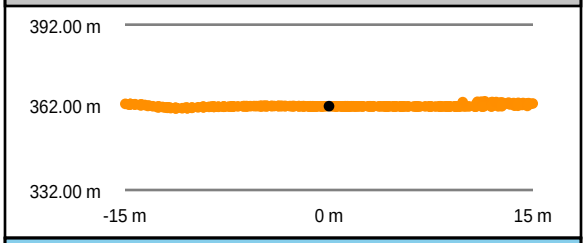
BE111				
	Known Z	362.42 m	Point Density	2.86 ppsm
	DEM Dz	-0.06 m	Ground Density	2.86 ppsm
	All Points TIN Dz	-0.06 m	Slope	0.69 °

Project Context

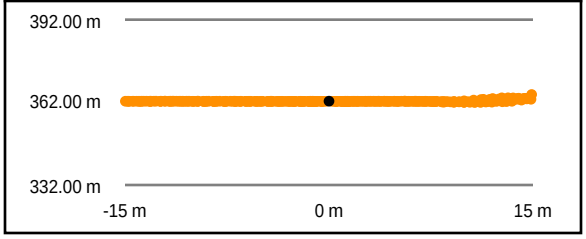


World Imagery

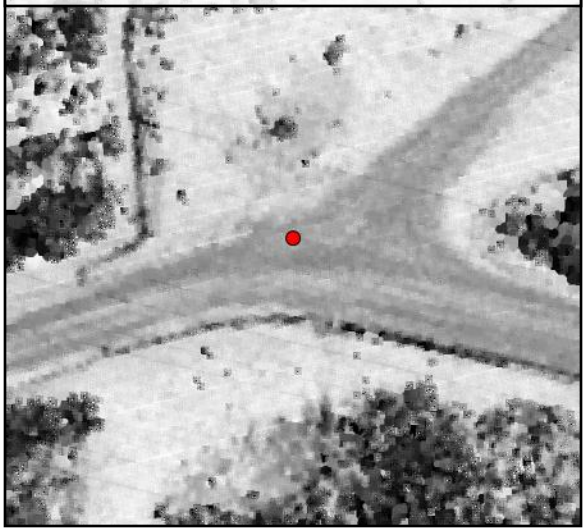
Southwest to Northeast



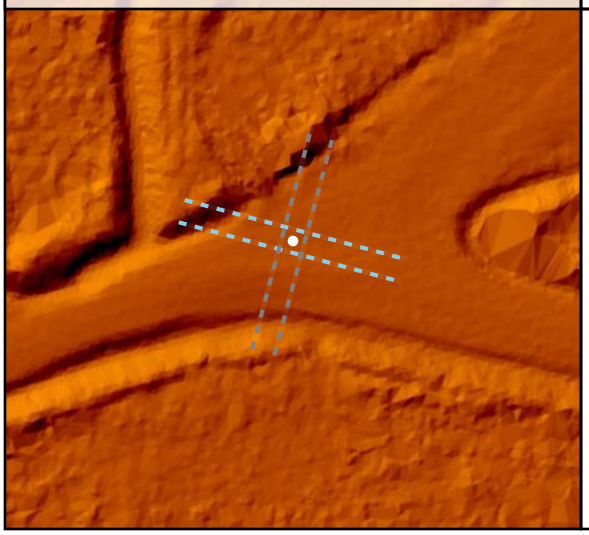
Southeast to Northwest



Intensity Raster

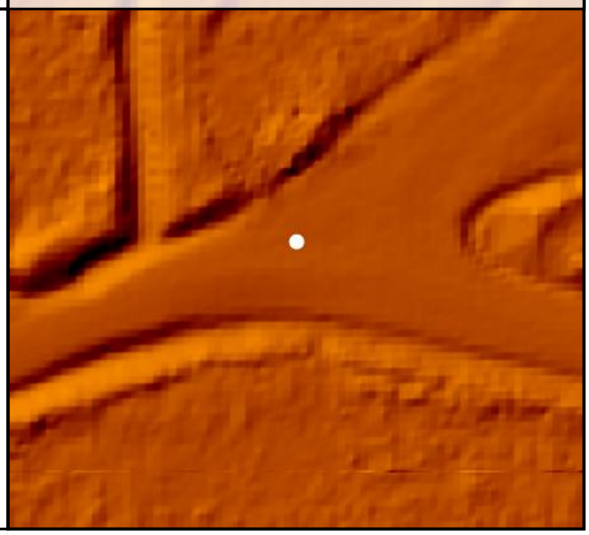


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

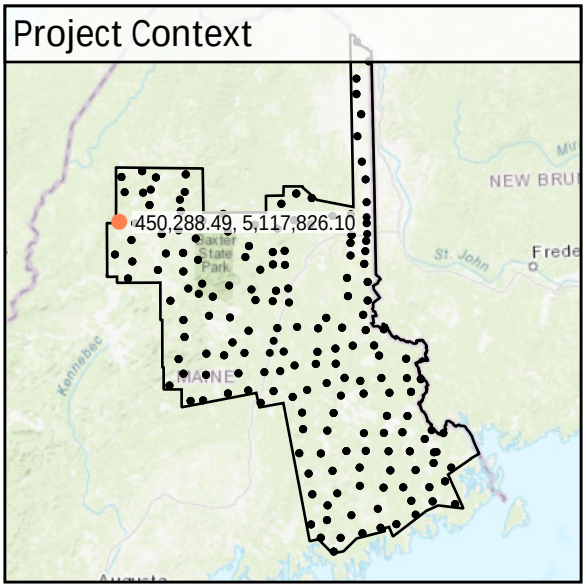
NVA - BE111

All Points TIN Dz -0.06 m

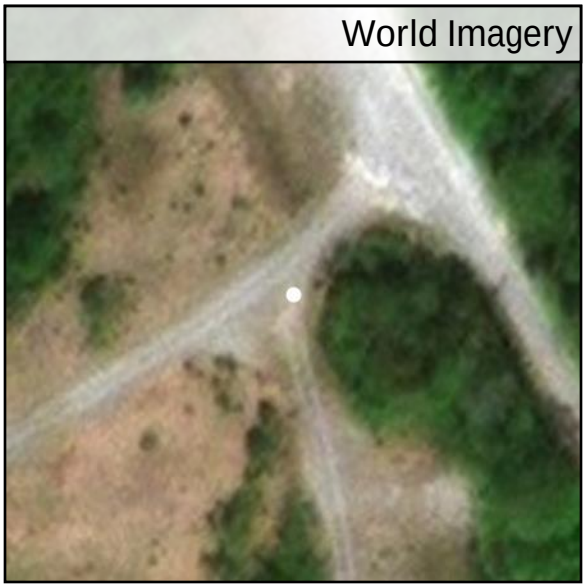
BE112

Known Z	310.89 m	Point Density	2.97 ppsm
DEM Dz	0.04 m	Ground Density	2.97 ppsm
All Points TIN Dz	0.05 m	Slope	6.34 °

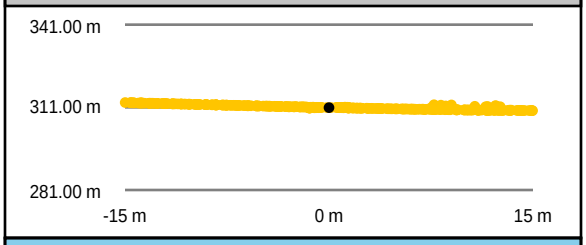
Project Context



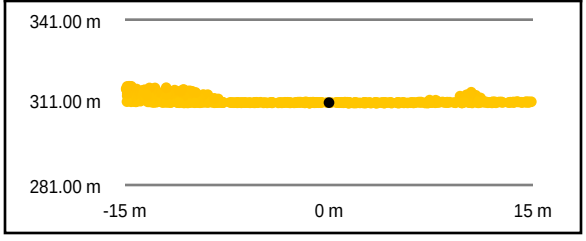
World Imagery



Southwest to Northeast

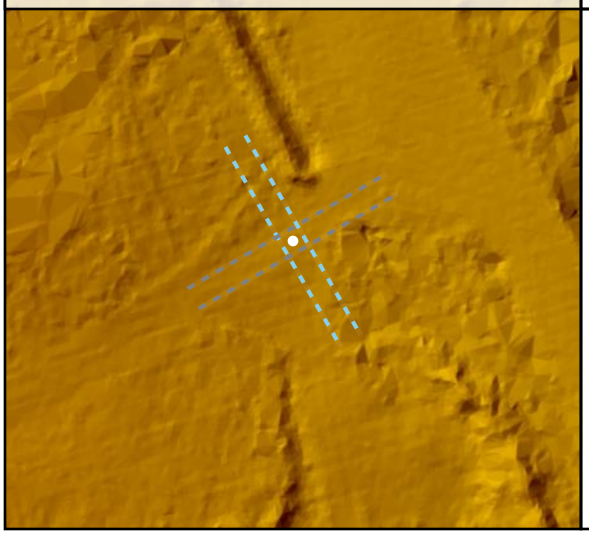


Southeast to Northwest



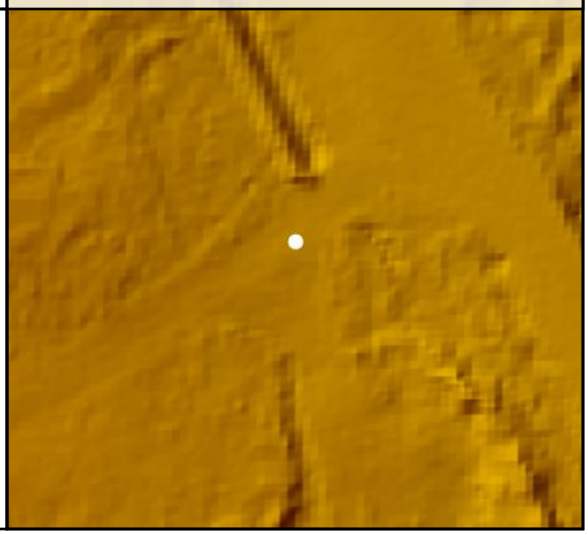
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



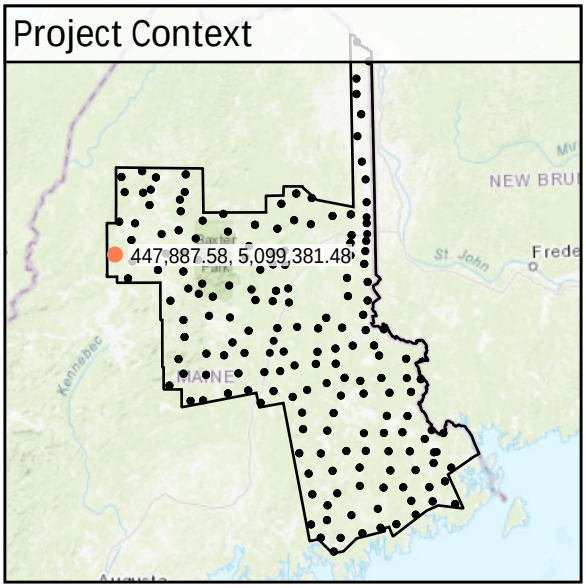
DEM Dz +0.04 m

NVA - BE112

All Points TIN Dz +0.05 m

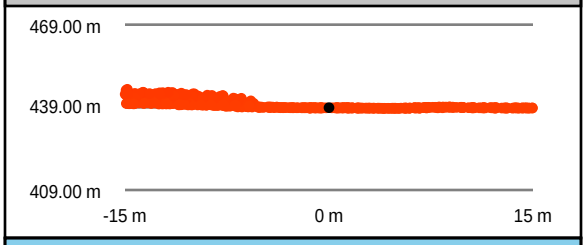
BE113				
Known Z	438.88 m	Point Density	3.15 ppsm
DEM Dz	-0.07 m	Ground Density	3.15 ppsm
All Points TIN Dz	-0.05 m	Slope	1.50 °

Project Context

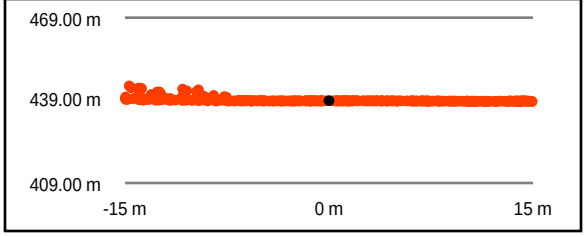


World Imagery

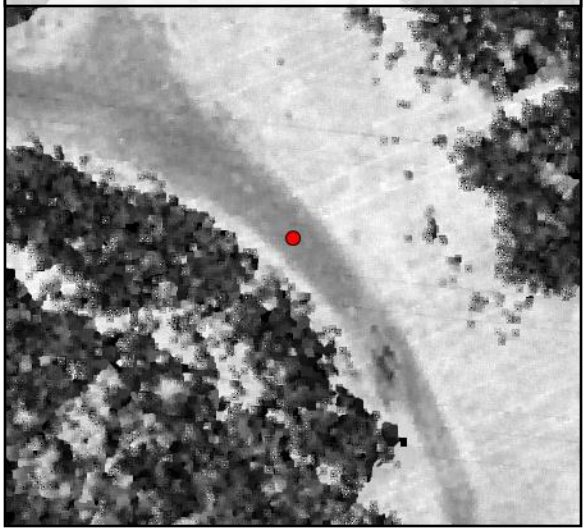
Southwest to Northeast



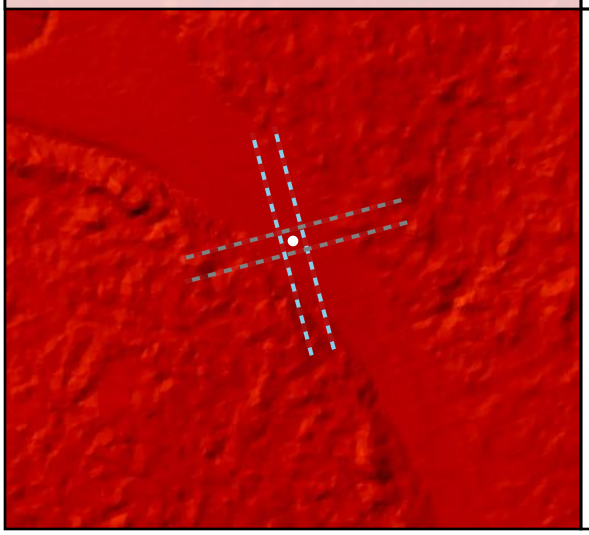
Southeast to Northwest



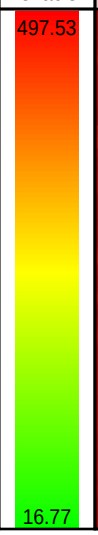
Intensity Raster



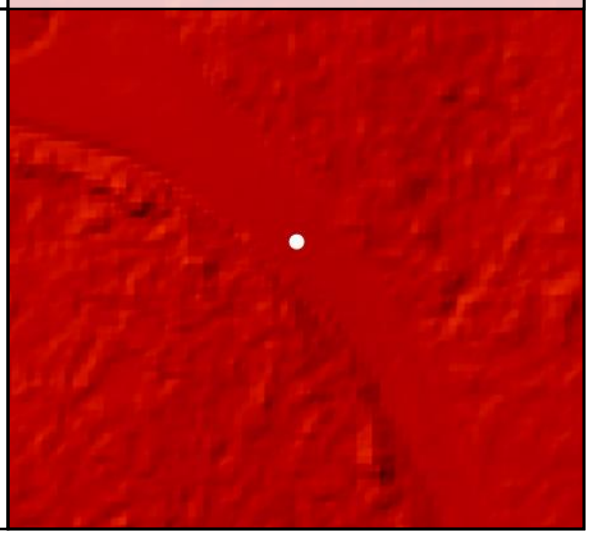
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.07 m

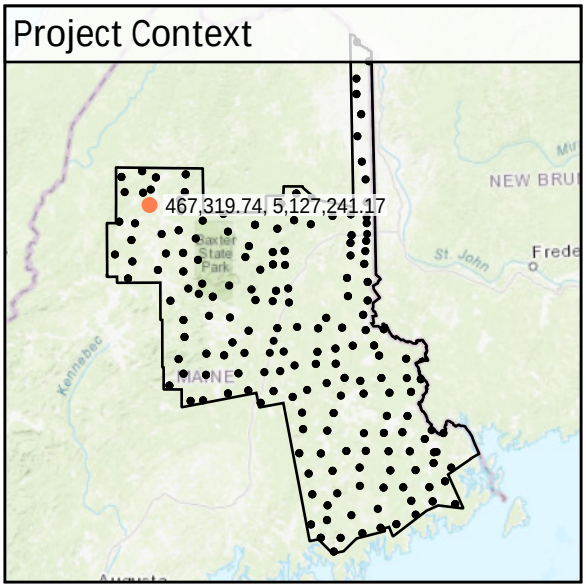
NVA - BE113

All Points TIN Dz -0.05 m

BE114

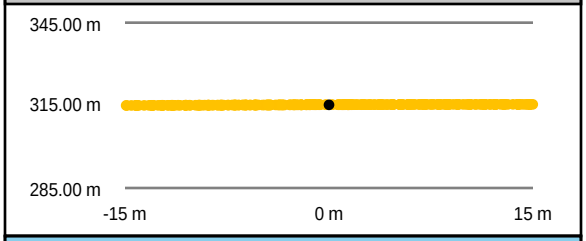
Known Z	315.18 m	Point Density	3.25 ppsm
DEM Dz	0.05 m	Ground Density	3.25 ppsm
All Points TIN Dz	0.05 m	Slope	0.66 °

Project Context

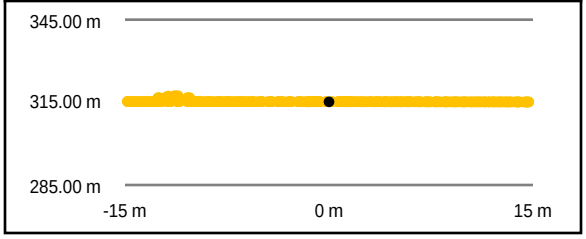


World Imagery

Southeast to Northwest

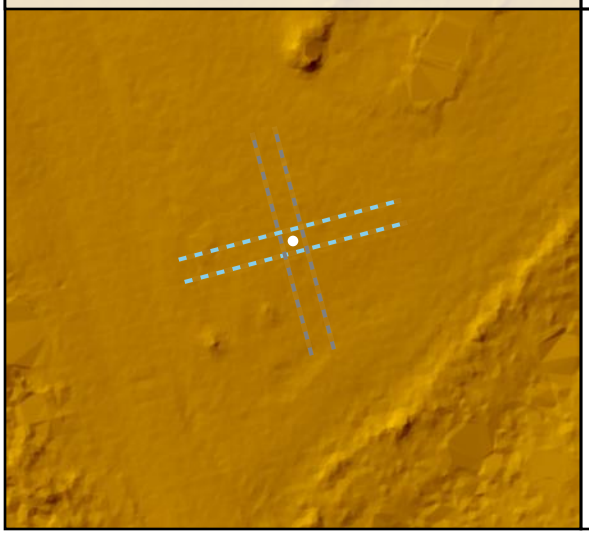


Southwest to Northeast



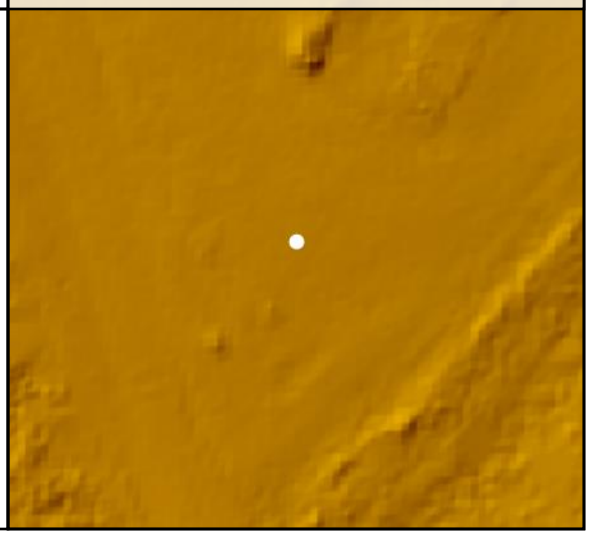
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



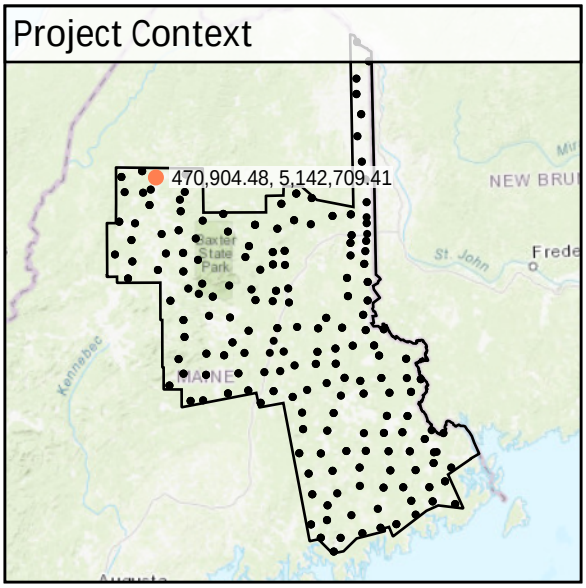
DEM Dz +0.05 m

NVA - BE114

All Points TIN Dz +0.05 m

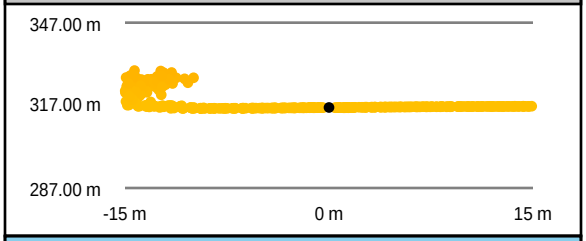
BE115				
	Known Z	316.22 m	Point Density	3.08 ppsm
	DEM Dz	-0.05 m	Ground Density	3.08 ppsm
	All Points TIN Dz	-0.05 m	Slope	2.87 °

Project Context

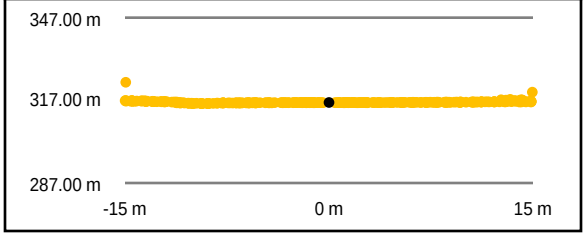


World Imagery

Southeast to Northwest

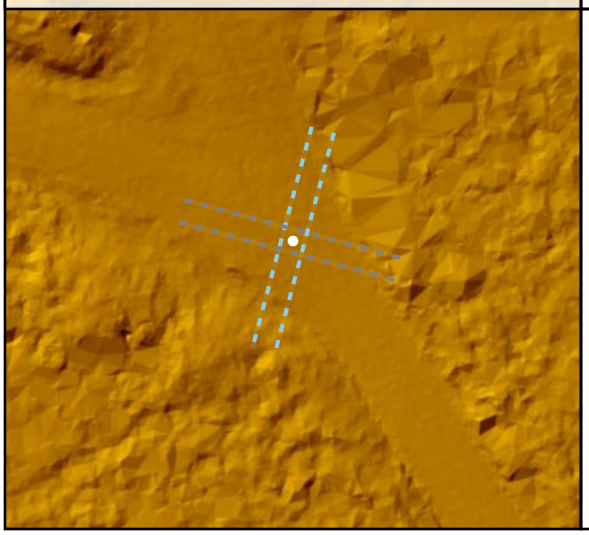


Southwest to Northeast



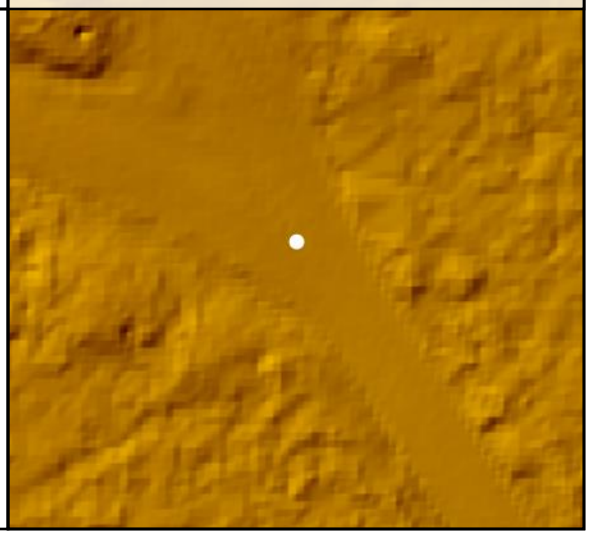
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



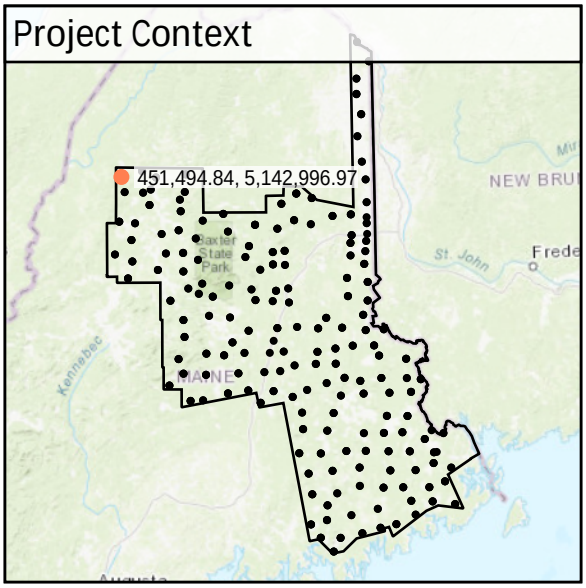
DEM Dz -0.05 m

NVA - BE115

All Points TIN Dz -0.05 m

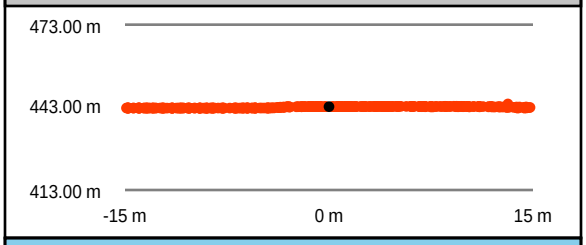
BE116				
	Known Z	443.24 m	Point Density	3.68 ppsm
	DEM Dz	0.03 m	Ground Density	3.68 ppsm
	All Points TIN Dz	0.01 m	Slope	0.54 °

Project Context

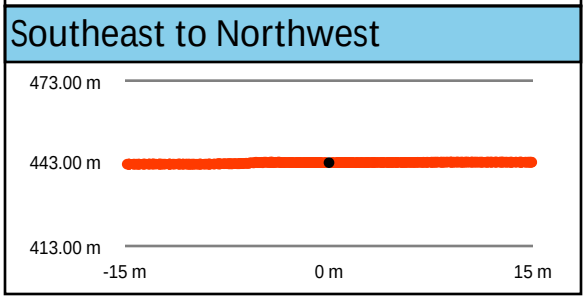


World Imagery

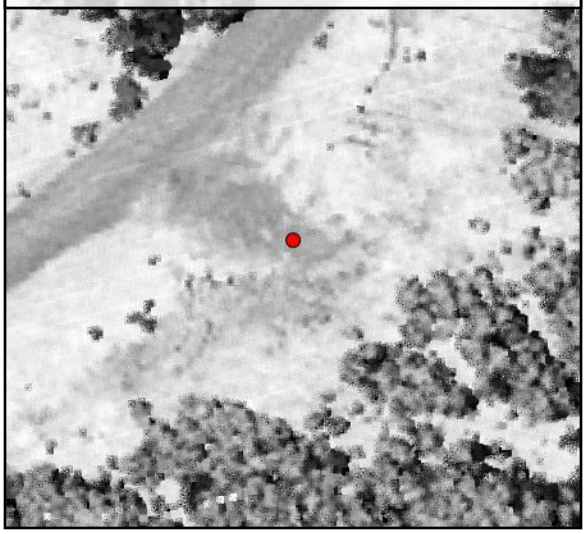
Southwest to Northeast



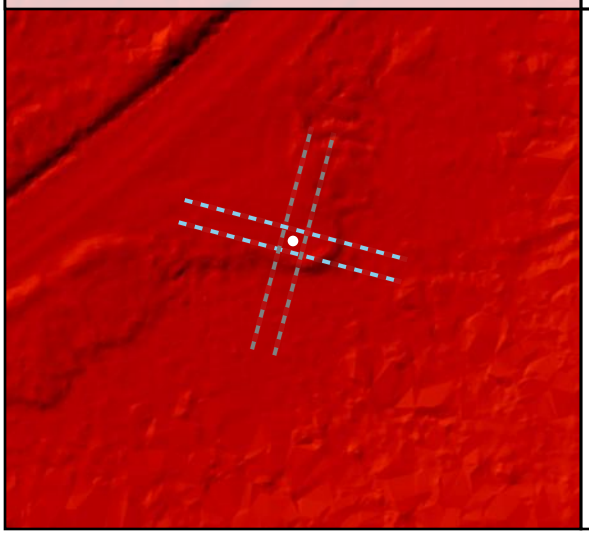
Southeast to Northwest



Intensity Raster

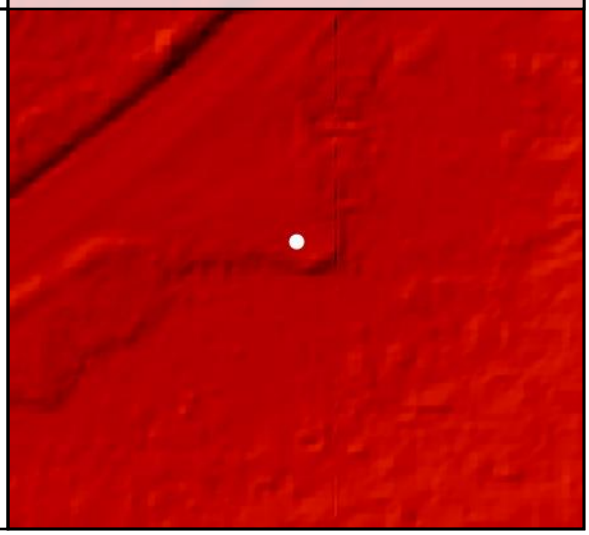


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

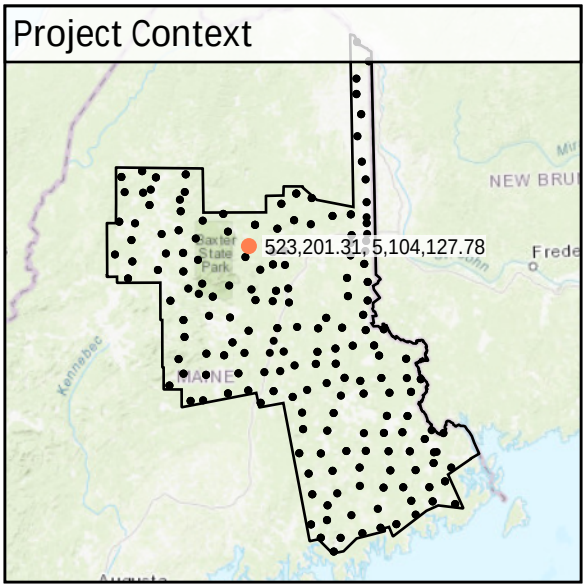
NVA - BE116

All Points TIN Dz +0.01 m

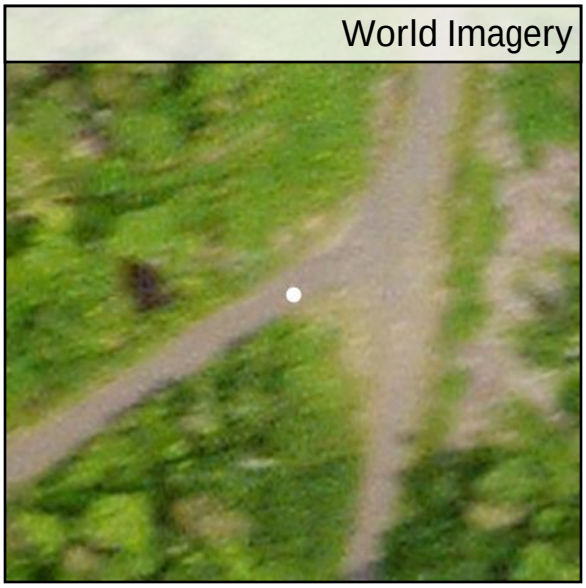
BE117

Known Z	239.50 m	Point Density	2.37 ppsm
DEM Dz	0.01 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.01 m	Slope	2.83 °

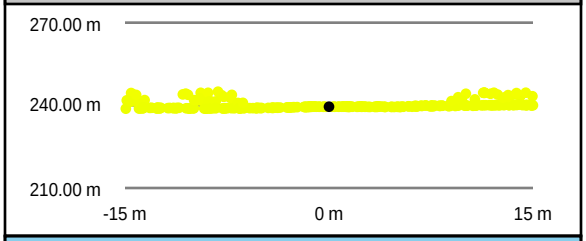
Project Context



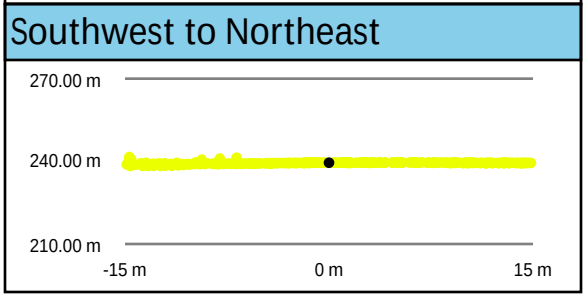
World Imagery



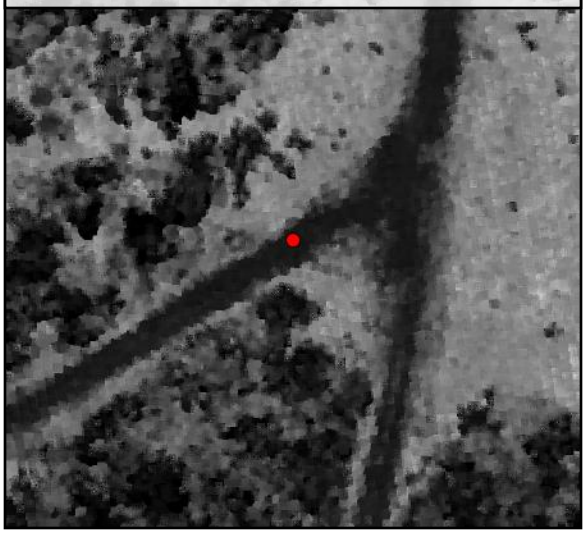
Southeast to Northwest



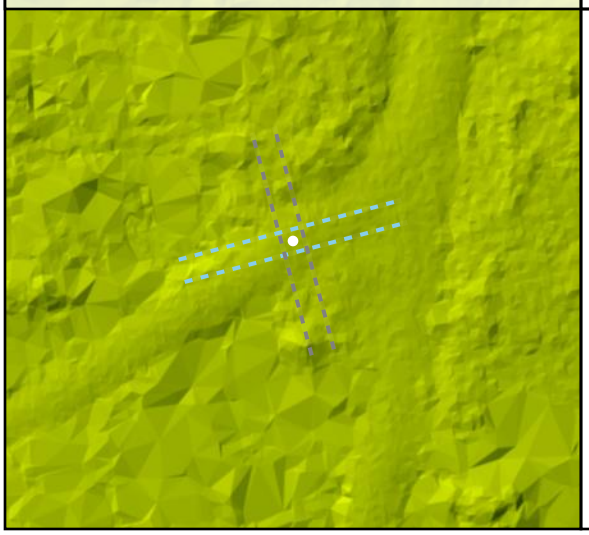
Southwest to Northeast



Intensity Raster

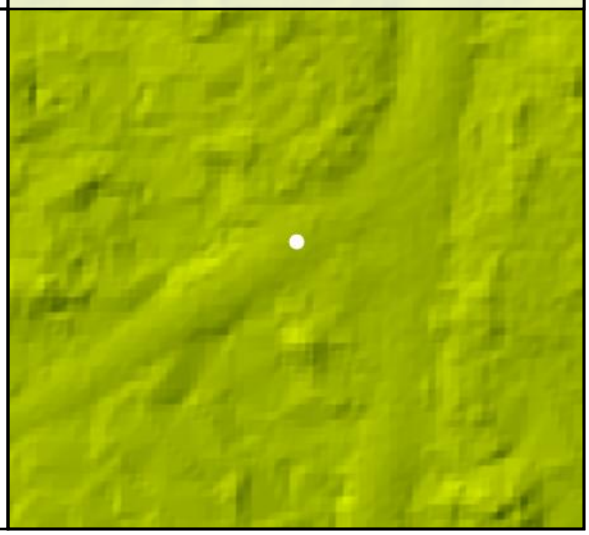


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

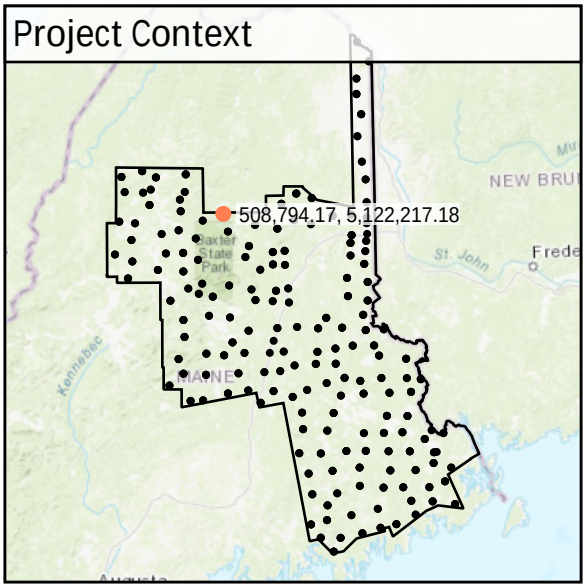
NVA - BE117

All Points TIN Dz +0.01 m

BE118

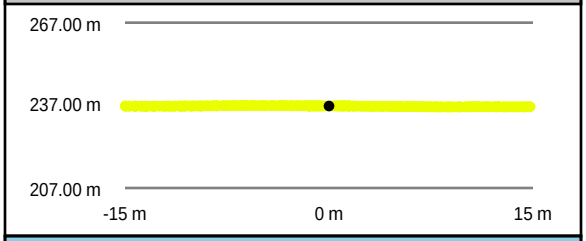
Known Z	236.75 m	Point Density	2.97 ppsm
DEM Dz	0.04 m	Ground Density	2.97 ppsm
All Points TIN Dz	0.04 m	Slope	1.92 °

Project Context

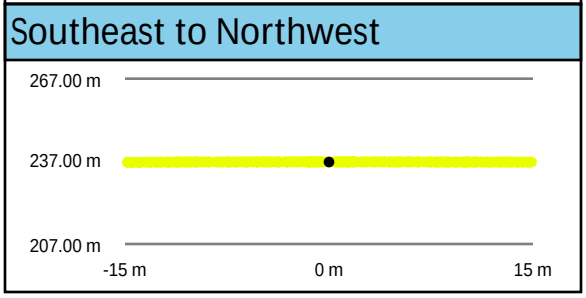


World Imagery

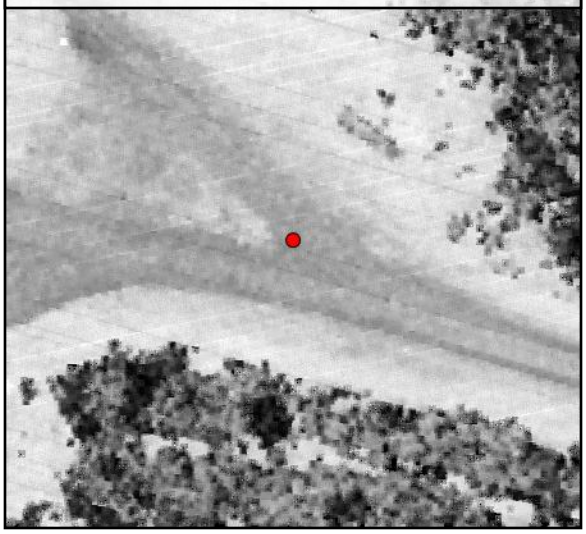
Southwest to Northeast



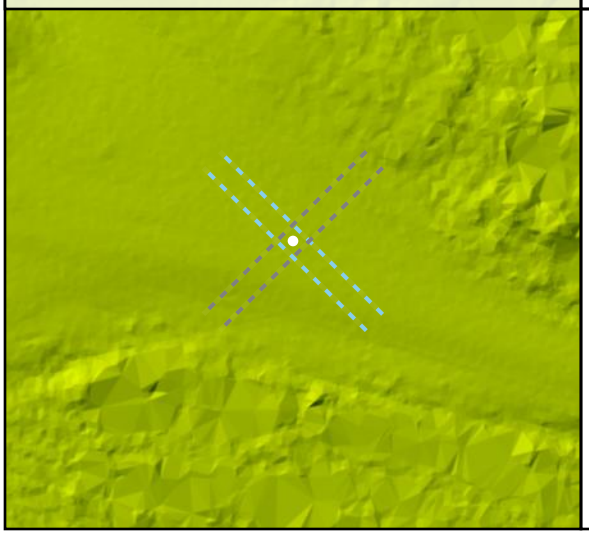
Southeast to Northwest



Intensity Raster

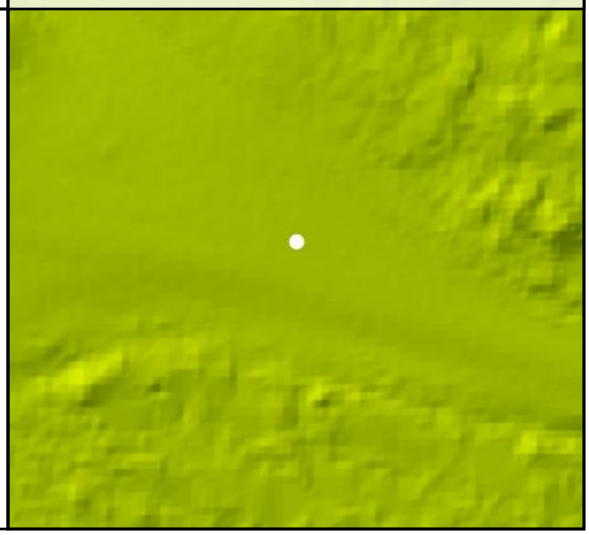


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

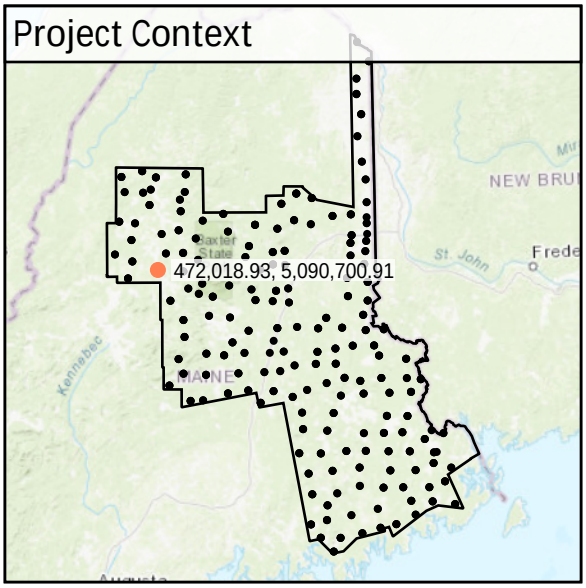
NVA - BE118

All Points TIN Dz +0.04 m

BE119

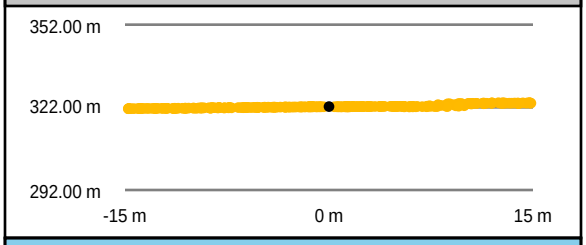
Known Z	322.27 m	Point Density	3.01 ppsm
DEM Dz	-0.07 m	Ground Density	3.01 ppsm
All Points TIN Dz	-0.07 m	Slope	1.85 °

Project Context

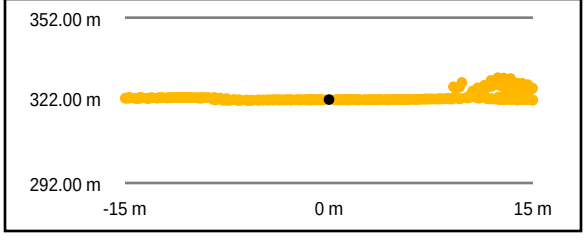


World Imagery

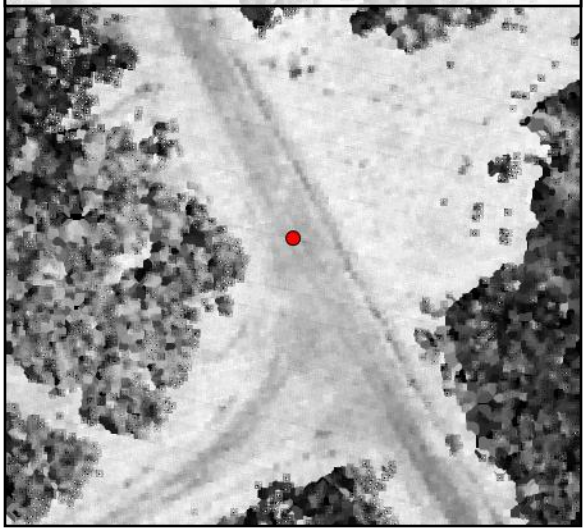
Southwest to Northeast



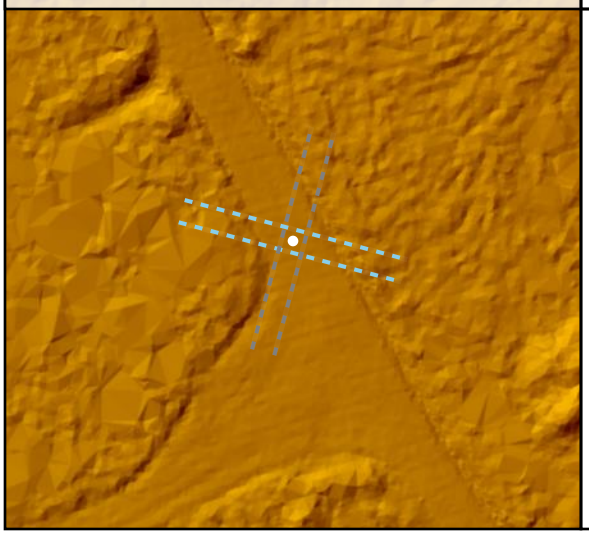
Southeast to Northwest



Intensity Raster

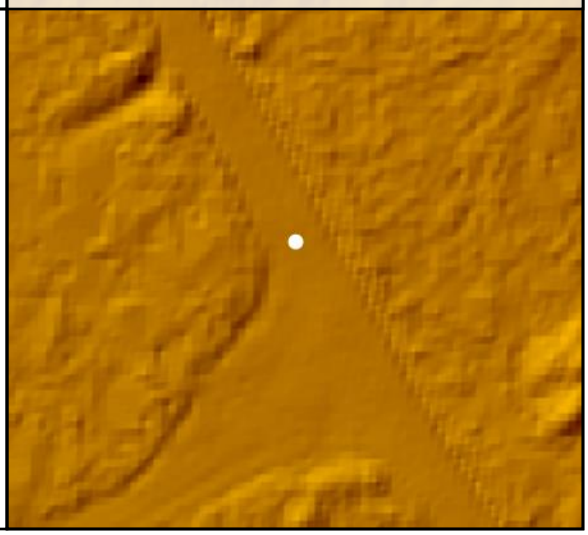


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

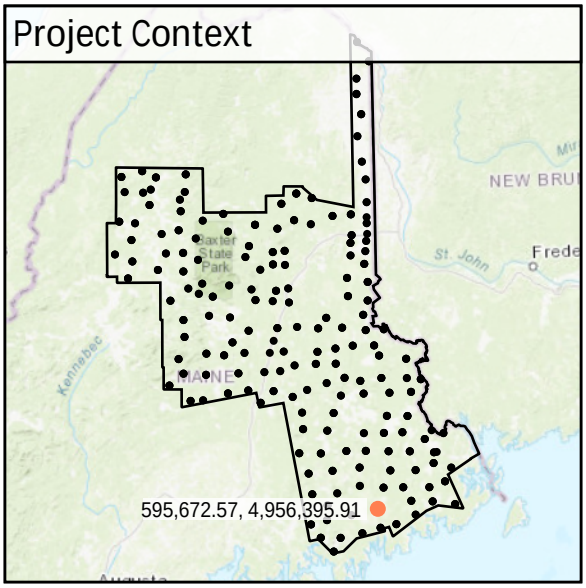
NVA - BE119

All Points TIN Dz -0.07 m

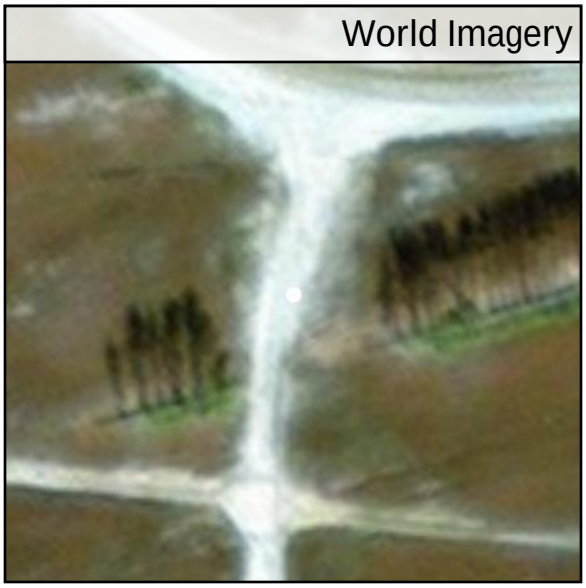
BE12

Known Z	76.90 m	Point Density	2.65 ppsm
DEM Dz	0.01 m	Ground Density	2.65 ppsm
All Points TIN Dz	0.01 m	Slope	0.63 °

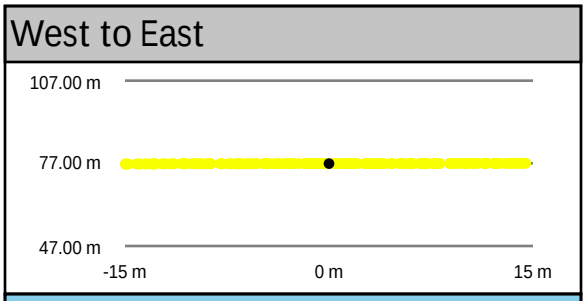
Project Context



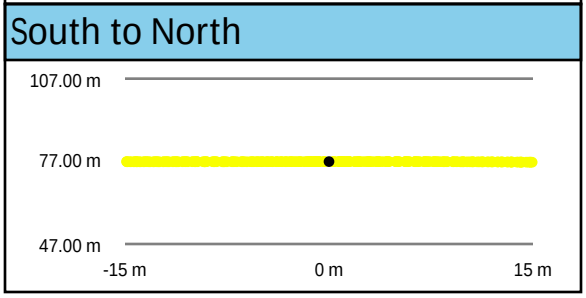
World Imagery



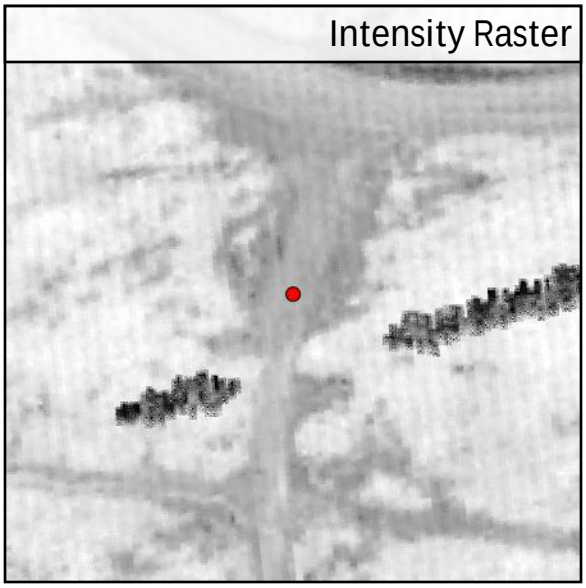
West to East



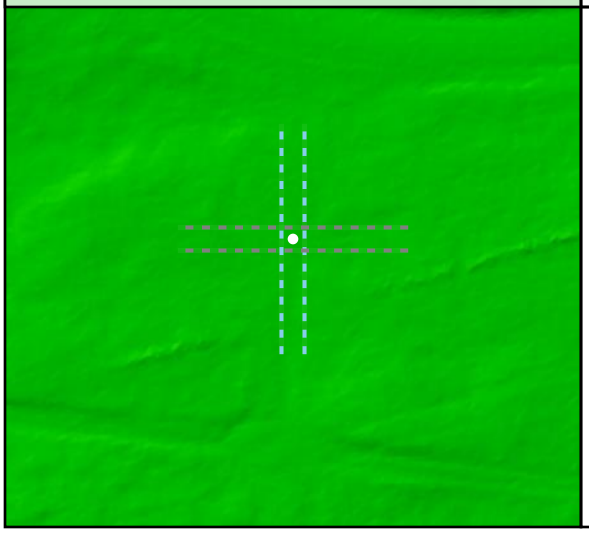
South to North



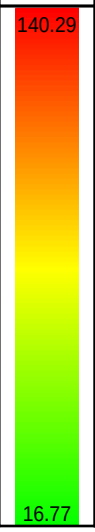
Intensity Raster



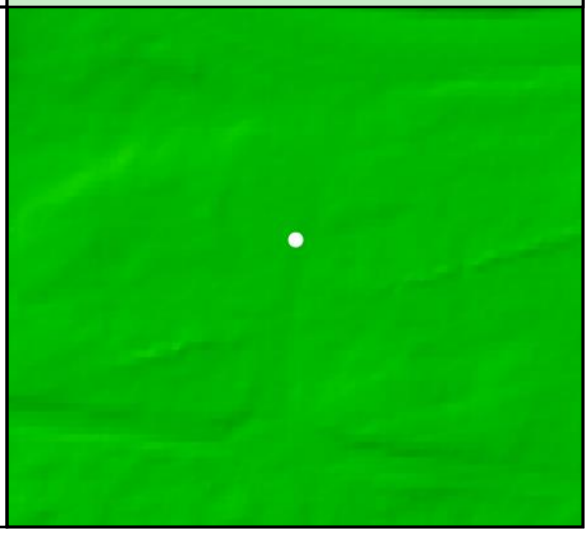
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

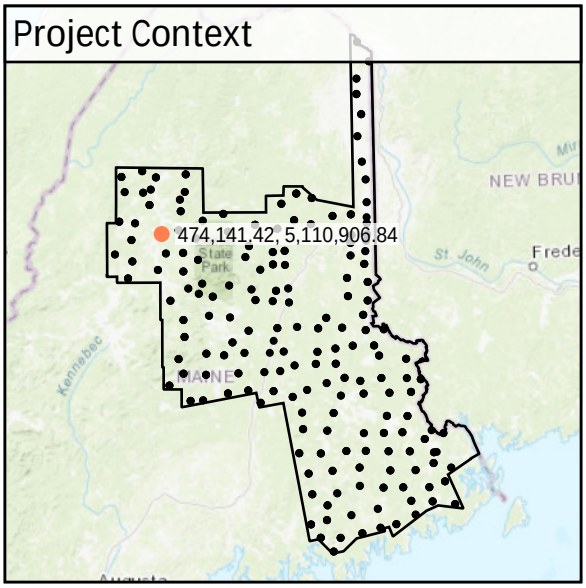
NVA - BE12

All Points TIN Dz +0.01 m

BE120

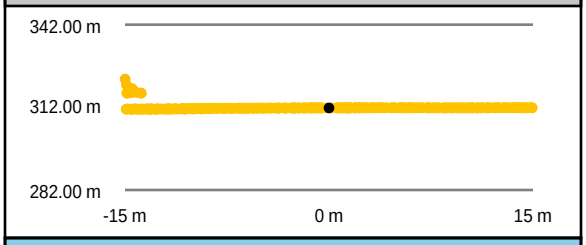
Known Z	311.78 m	Point Density	3.15 ppsm
DEM Dz	0.02 m	Ground Density	3.15 ppsm
All Points TIN Dz	0.02 m	Slope	0.85 °

Project Context

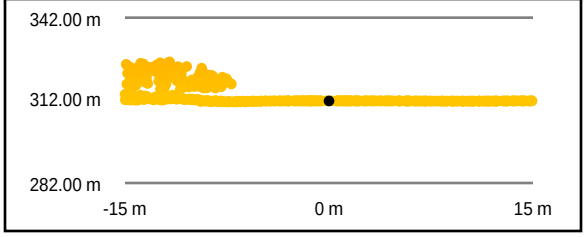


World Imagery

Southwest to Northeast

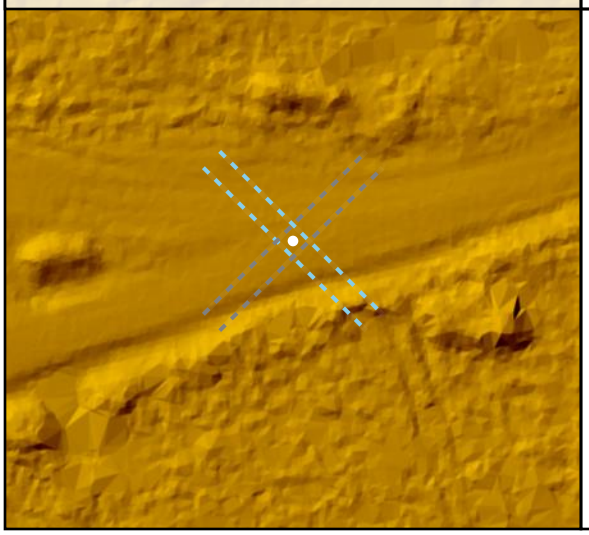


Southeast to Northwest



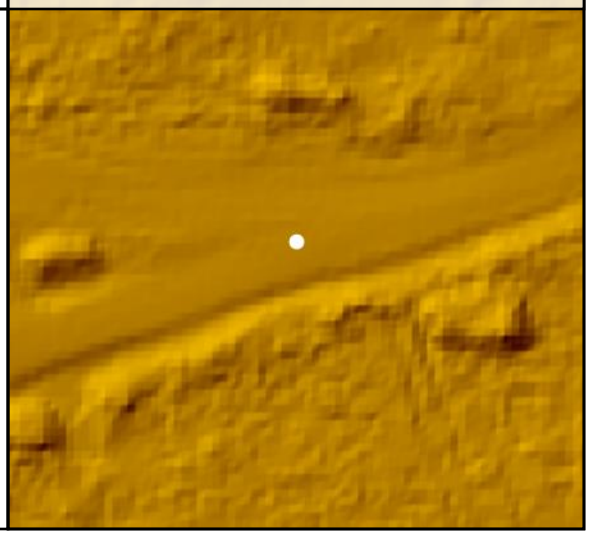
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

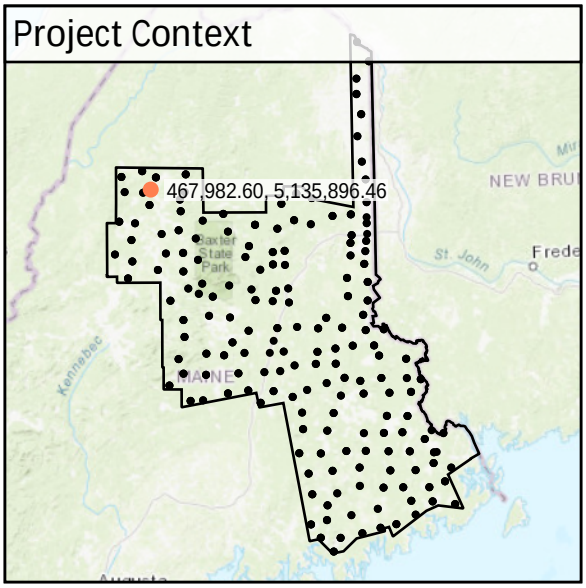
NVA - BE120

All Points TIN Dz +0.02 m

BE121

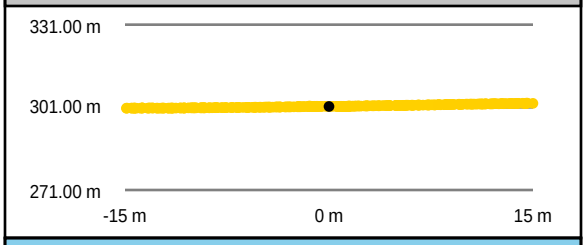
Known Z	301.31 m	Point Density	2.69 ppsm
DEM Dz	0.04 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.04 m	Slope	4.16 °

Project Context

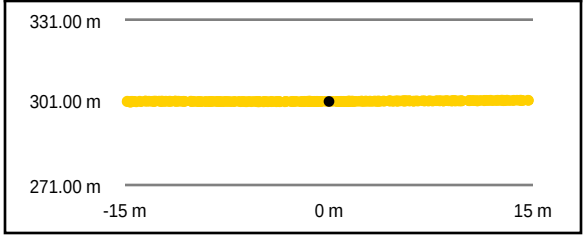


World Imagery

Southwest to Northeast

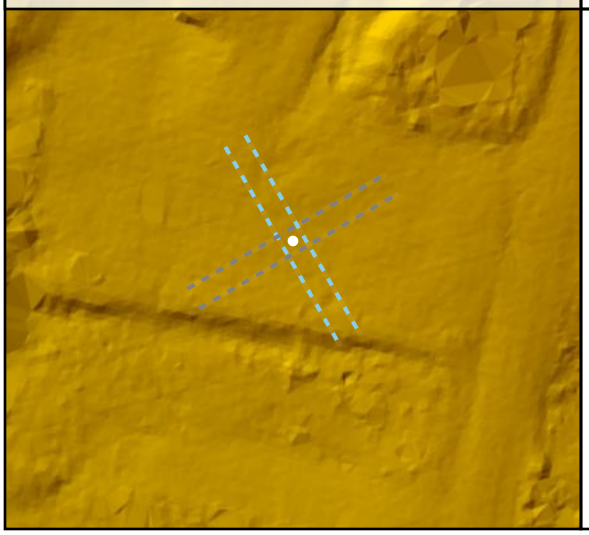


Southeast to Northwest



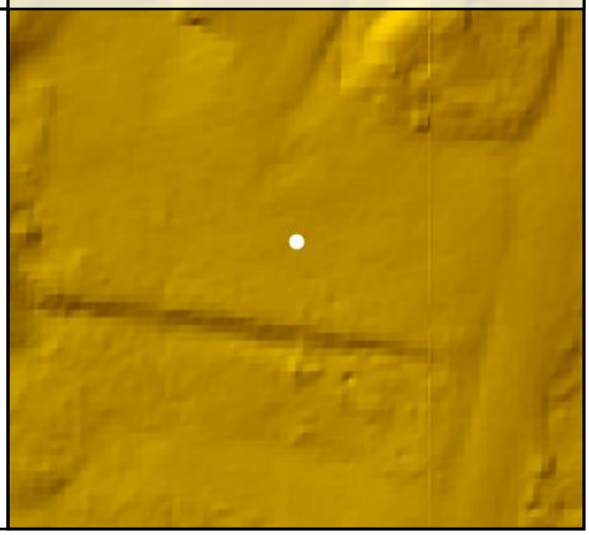
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

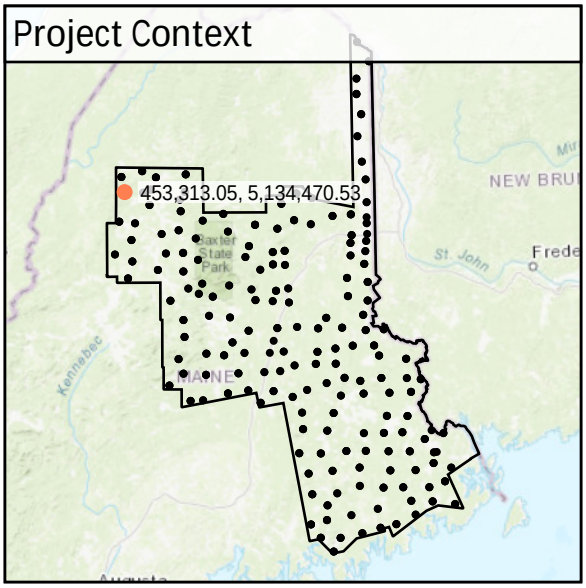
NVA - BE121

All Points TIN Dz +0.04 m

BE122

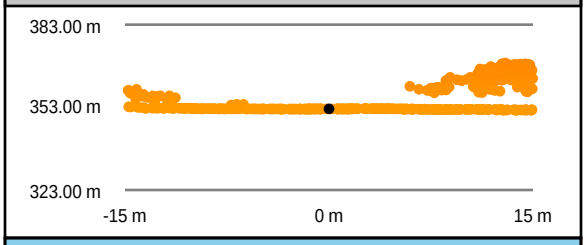
Known Z	352.44 m	Point Density	2.44 ppsm
DEM Dz	-0.02 m	Ground Density	2.44 ppsm
All Points TIN Dz	-0.03 m	Slope	2.34 °

Project Context

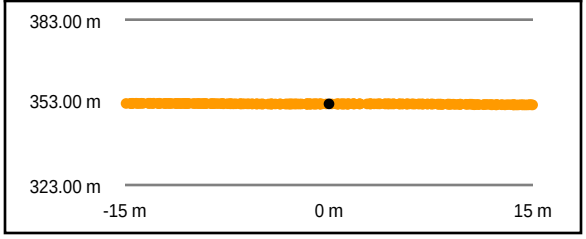


World Imagery

Southwest to Northeast

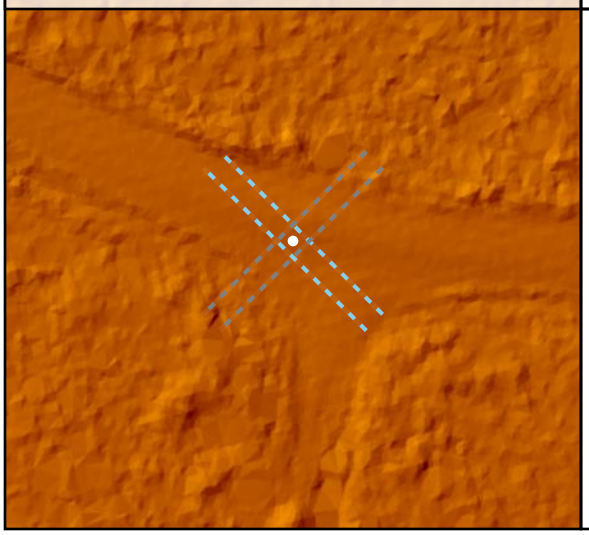


Southeast to Northwest



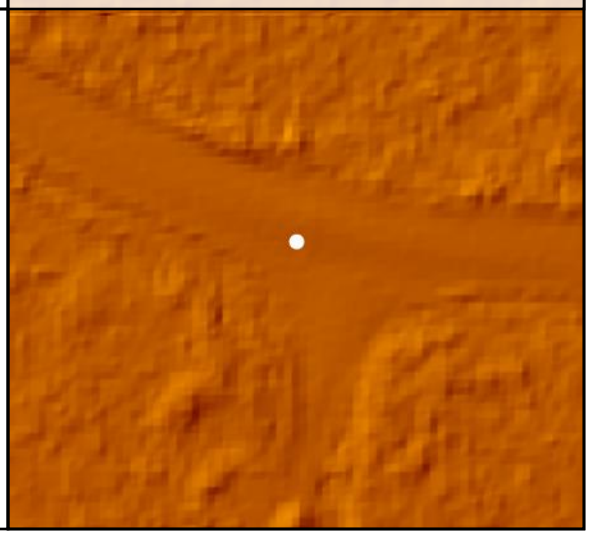
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



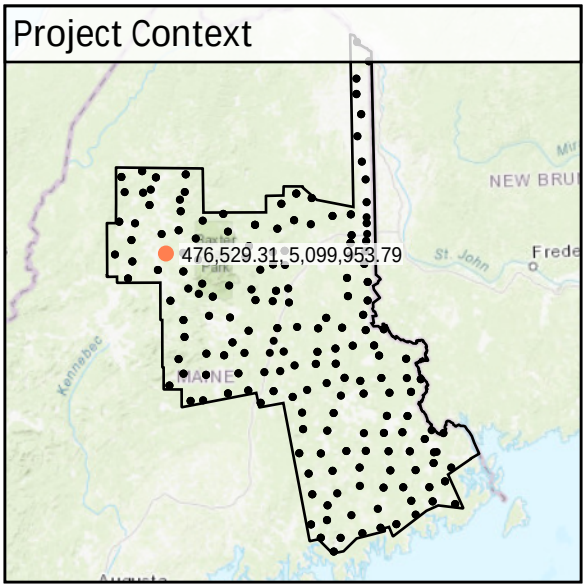
DEM Dz -0.02 m

NVA - BE122

All Points TIN Dz -0.03 m

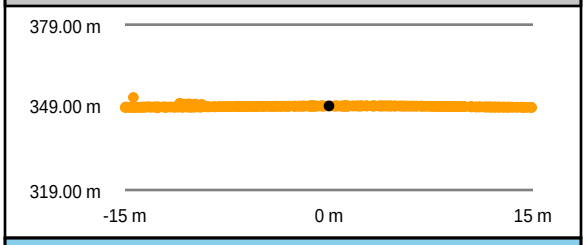
BE123				
	Known Z	349.51 m	Point Density	3.25 ppsm
	DEM Dz	-0.03 m	Ground Density	3.25 ppsm
	All Points TIN Dz	-0.03 m	Slope	1.01 °

Project Context

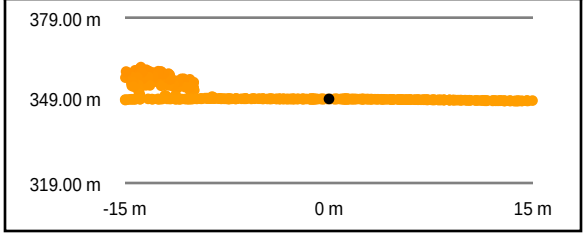


World Imagery

Southwest to Northeast

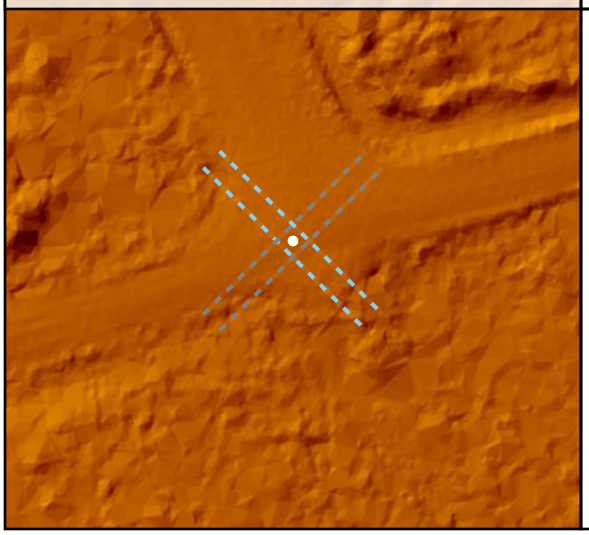


Southeast to Northwest



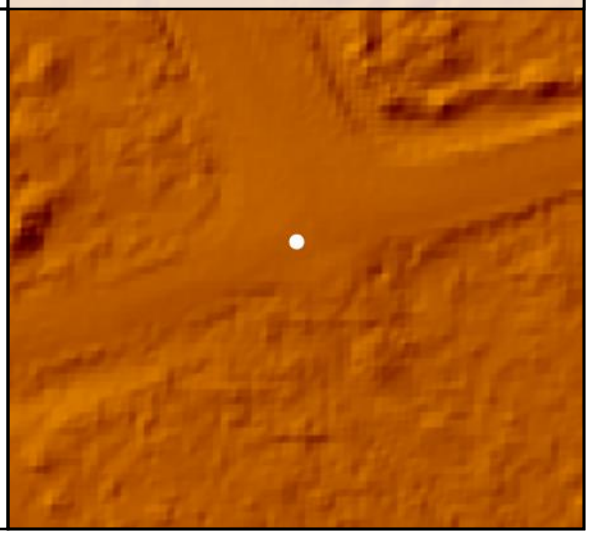
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



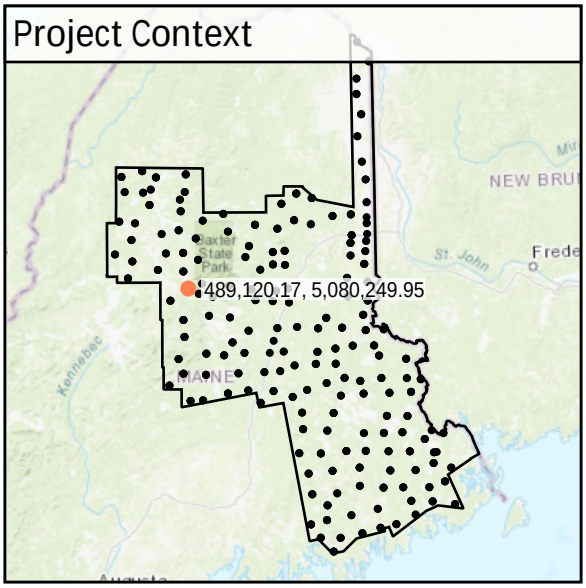
DEM Dz -0.03 m

NVA - BE123

All Points TIN Dz -0.03 m

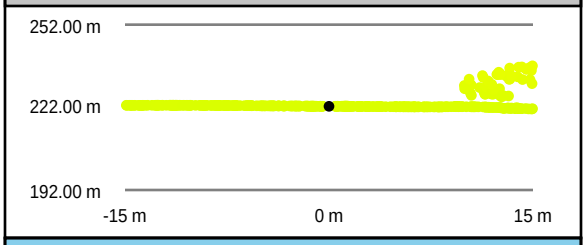
BE124				
	Known Z	222.37 m	Point Density	3.25 ppsm
	DEM Dz	0.01 m	Ground Density	3.25 ppsm
	All Points TIN Dz	0.01 m	Slope	2.11 °

Project Context

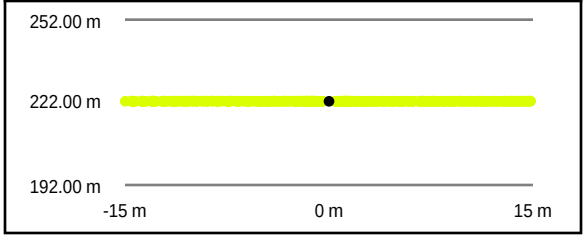


World Imagery

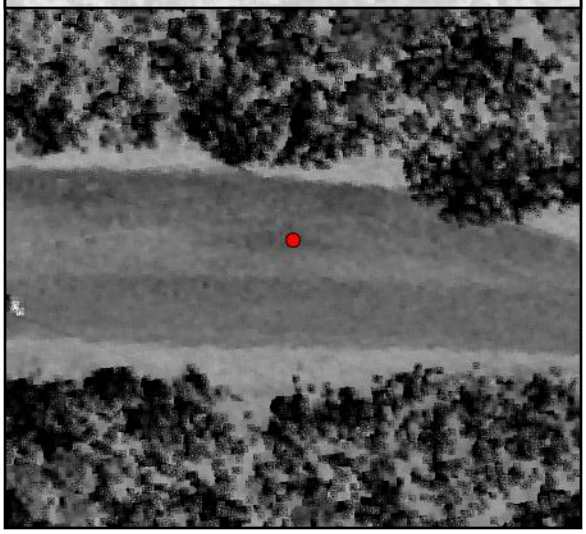
South to North



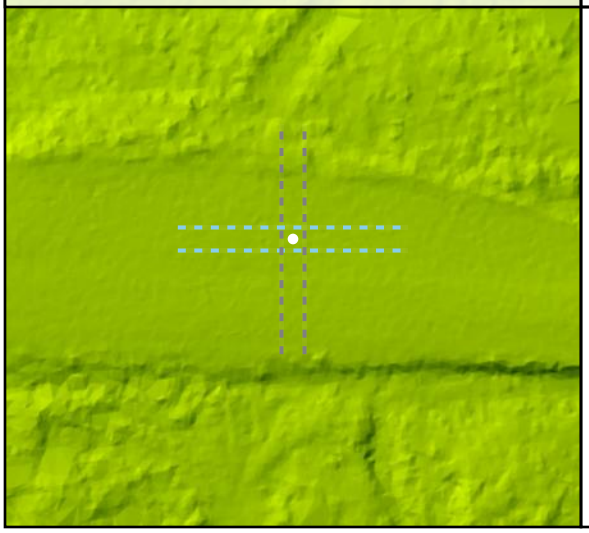
West to East



Intensity Raster

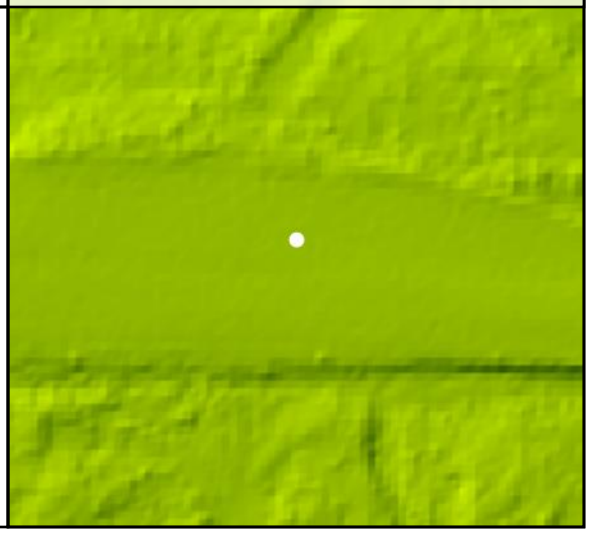


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

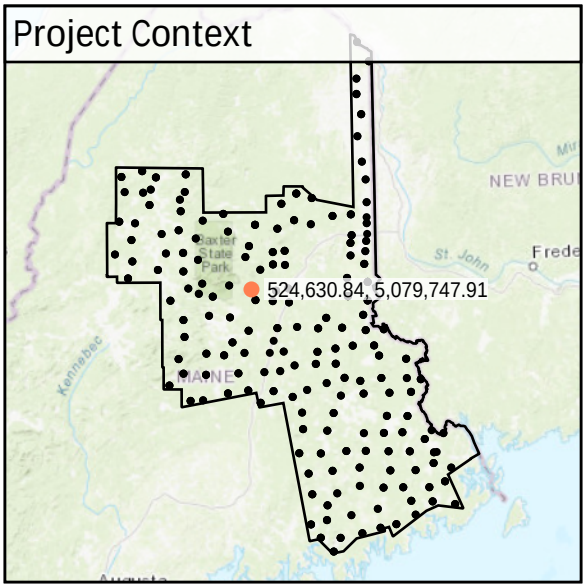
NVA - BE124

All Points TIN Dz +0.01 m

BE125

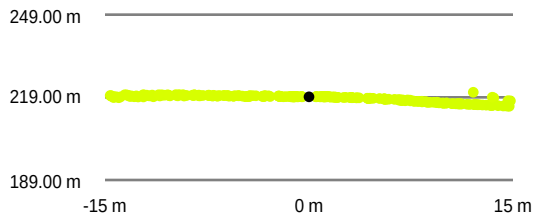
Known Z	219.18 m	Point Density	2.33 ppsm
DEM Dz	0.06 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.06 m	Slope	6.48 °

Project Context

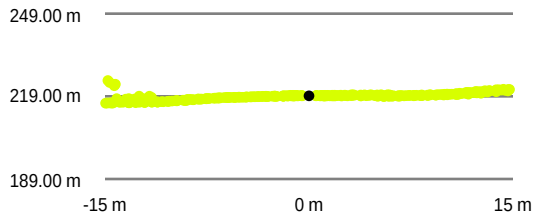


World Imagery

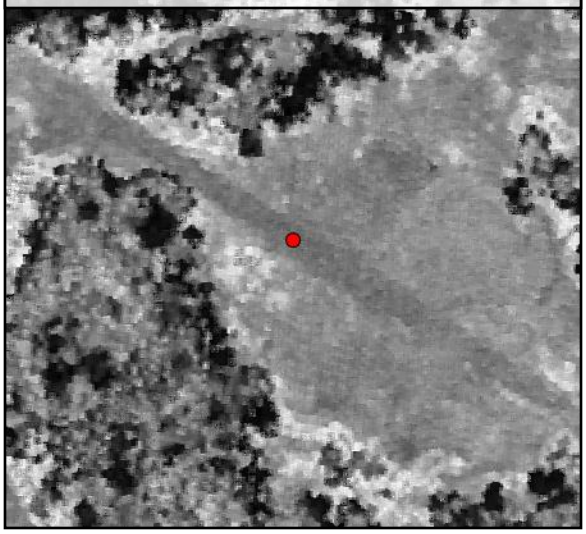
Southeast to Northwest



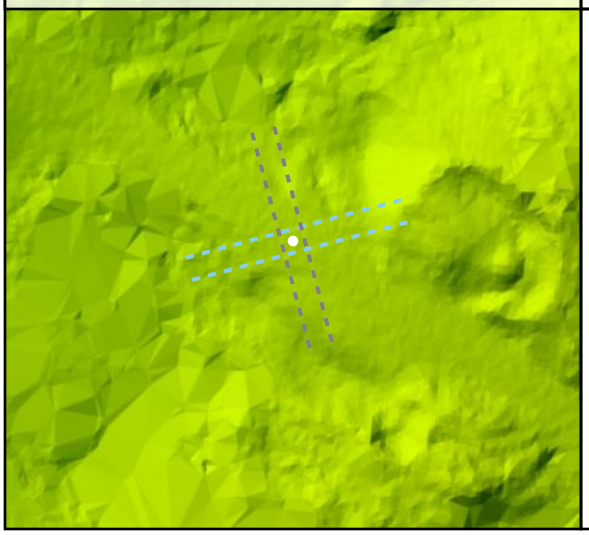
Southwest to Northeast



Intensity Raster

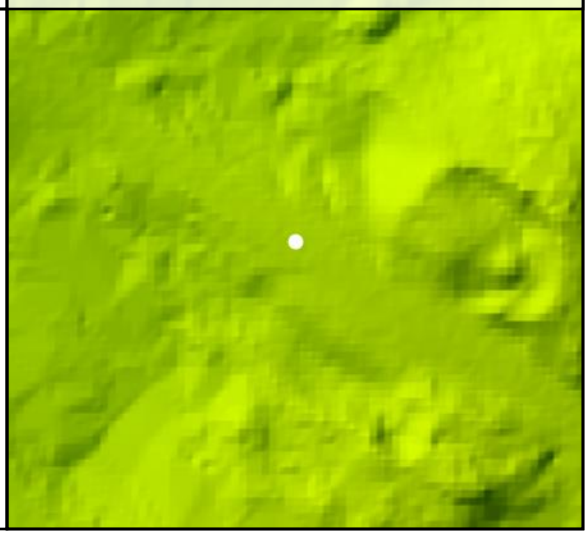


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

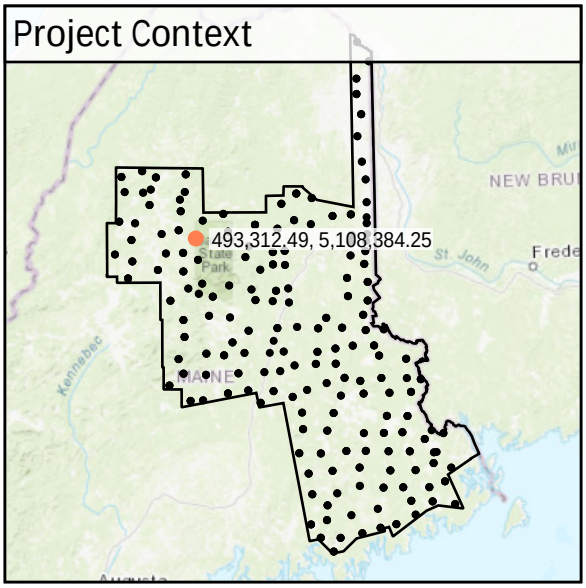
NVA - BE125

All Points TIN Dz +0.06 m

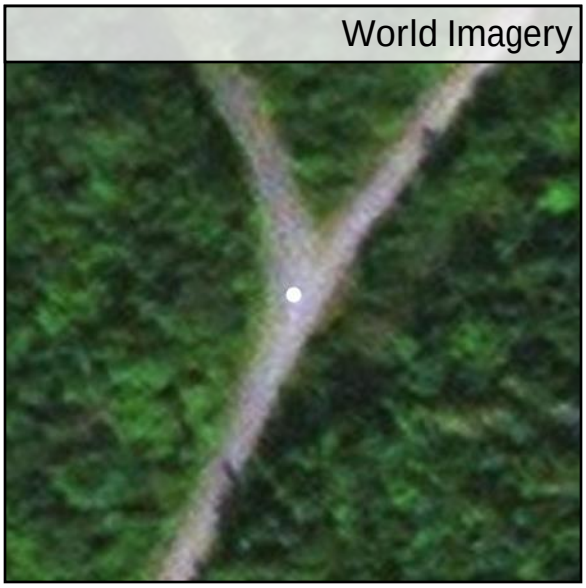
BE126

Known Z	308.62 m	Point Density	2.23 ppsm
DEM Dz	0.02 m	Ground Density	2.23 ppsm
All Points TIN Dz	0.00 m	Slope	4.16 °

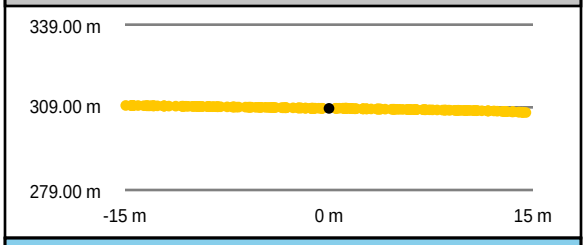
Project Context



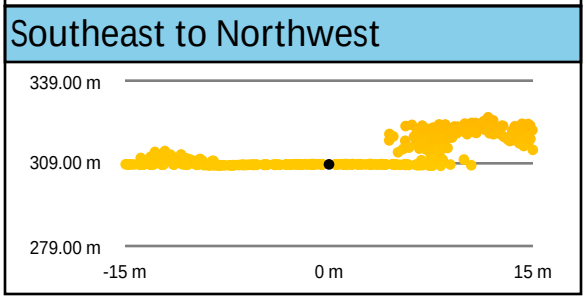
World Imagery



Southwest to Northeast

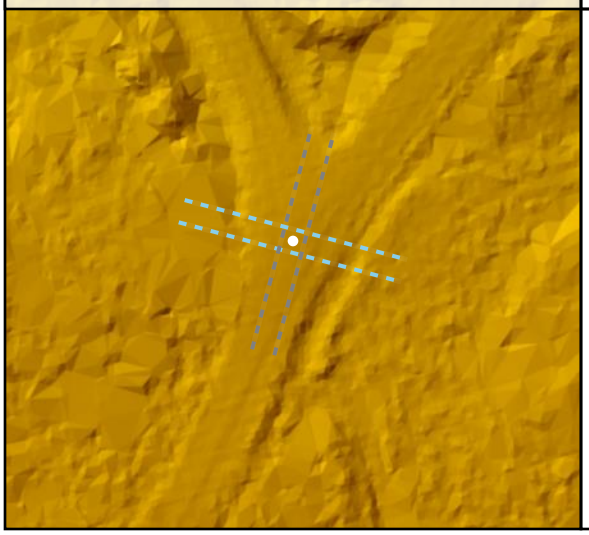


Southeast to Northwest



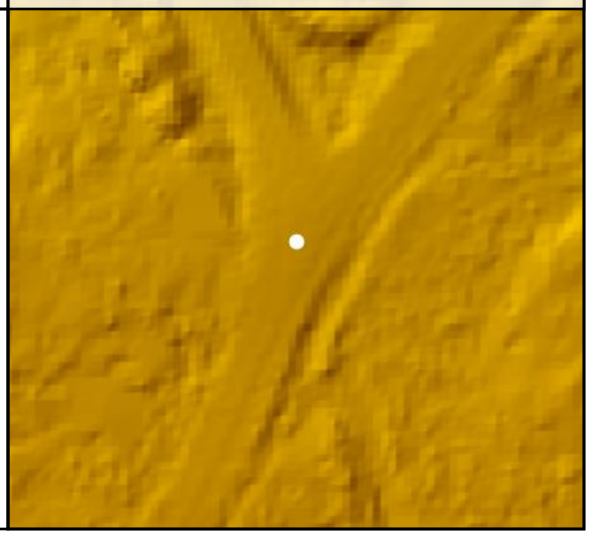
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

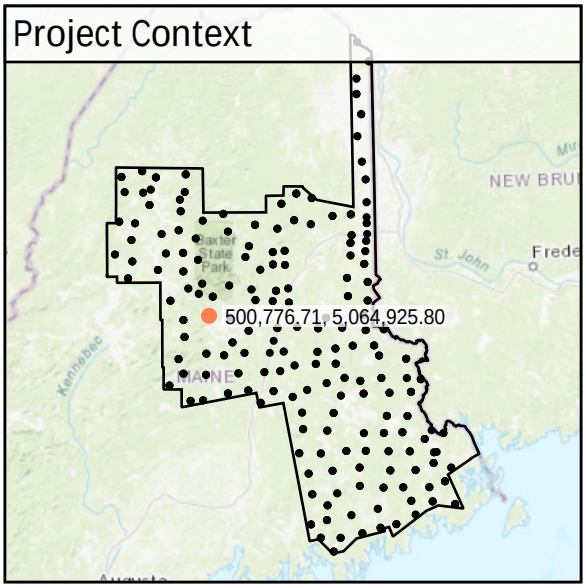
NVA - BE126

All Points TIN Dz +0.00 m

BE127

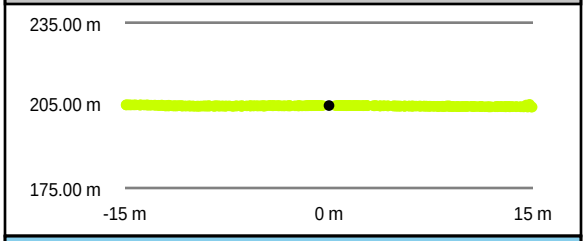
Known Z	204.92 m	Point Density	3.04 ppsm
DEM Dz	-0.03 m	Ground Density	3.04 ppsm
All Points TIN Dz	-0.02 m	Slope	0.77 °

Project Context

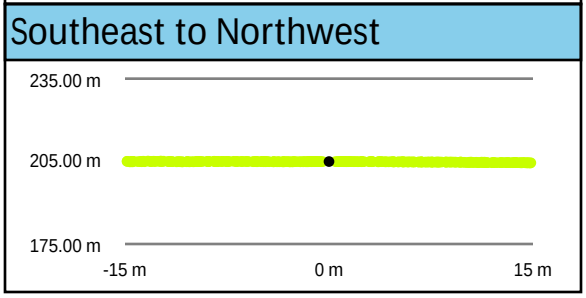


World Imagery

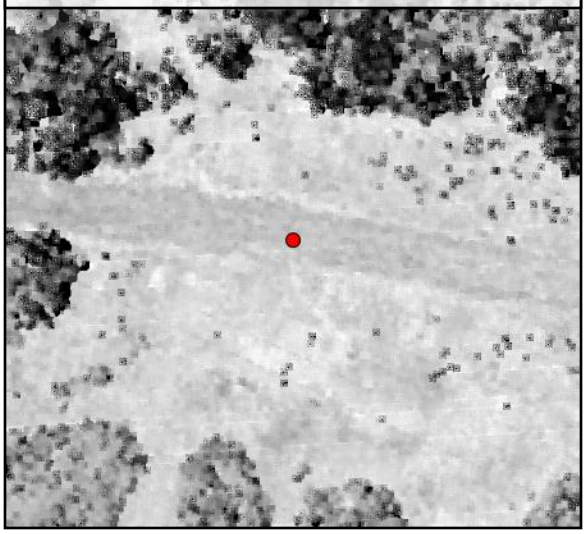
Southwest to Northeast



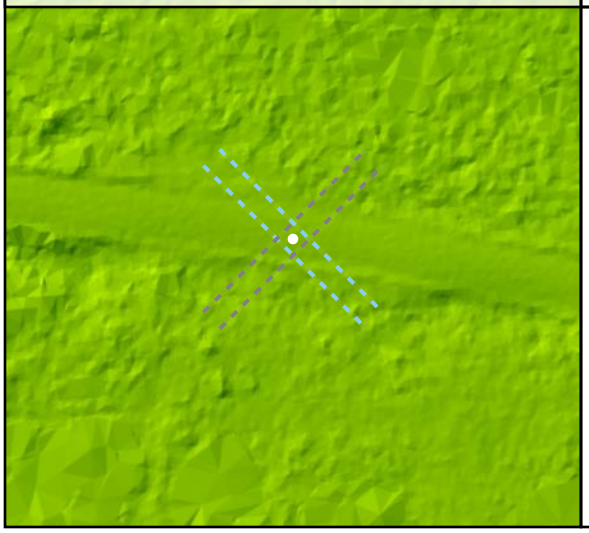
Southeast to Northwest



Intensity Raster

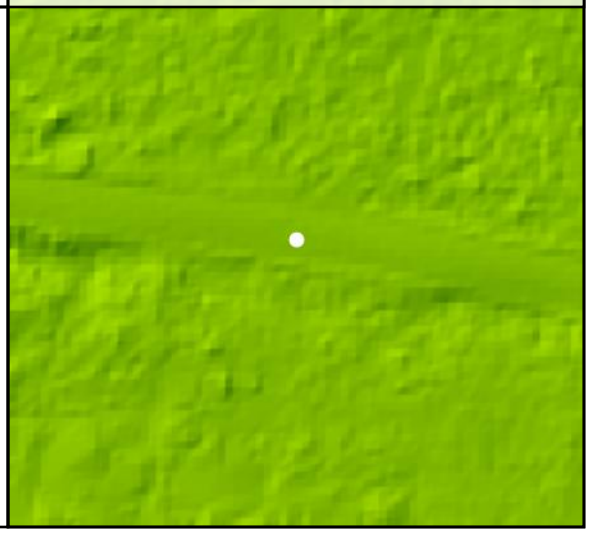


TIN Surface



Project Elevation

DEM Surface



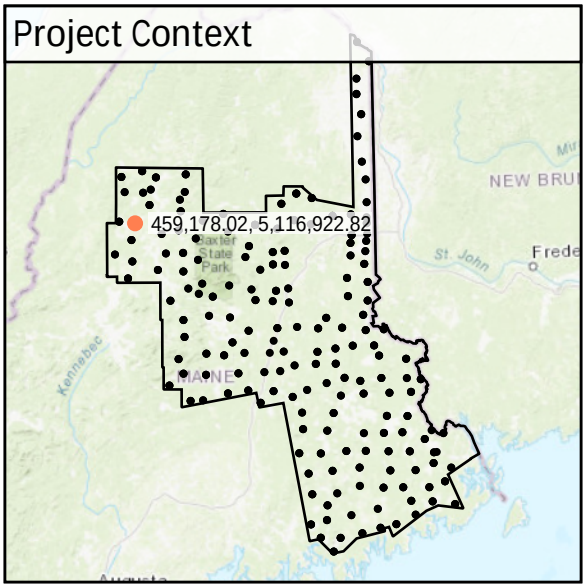
DEM Dz -0.03 m

NVA - BE127

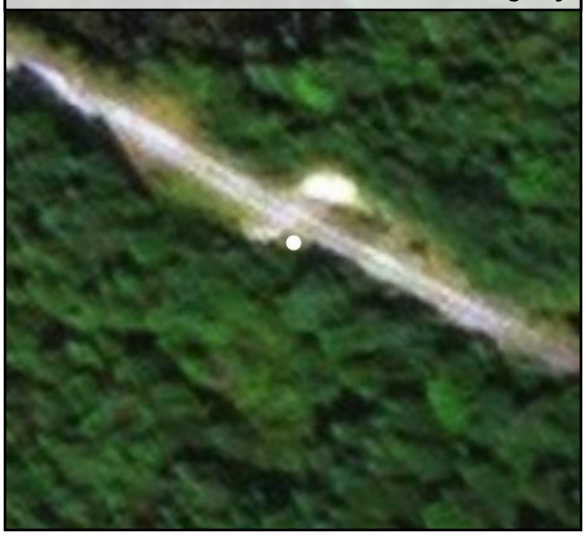
All Points TIN Dz -0.02 m

BE128				
	Known Z	310.40 m	Point Density	3.04 ppsm
	DEM Dz	-0.02 m	Ground Density	3.04 ppsm
	All Points TIN Dz	-0.01 m	Slope	0.86 °

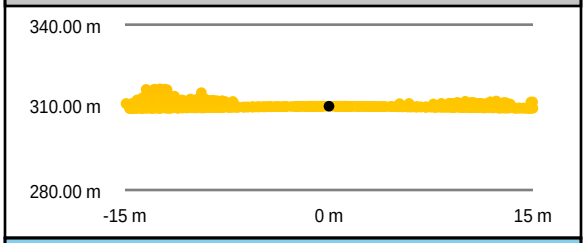
Project Context



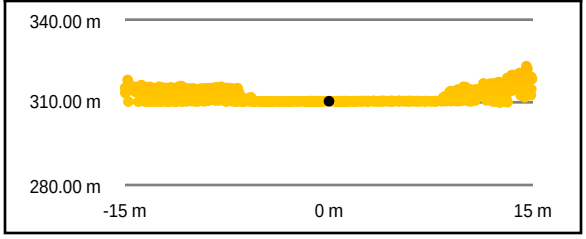
World Imagery



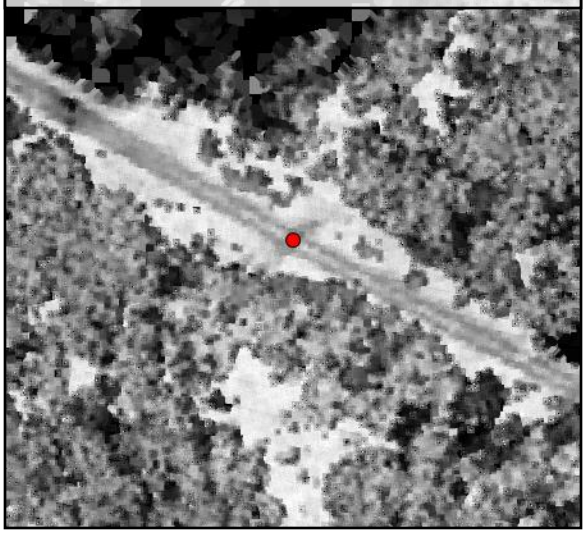
Southeast to Northwest



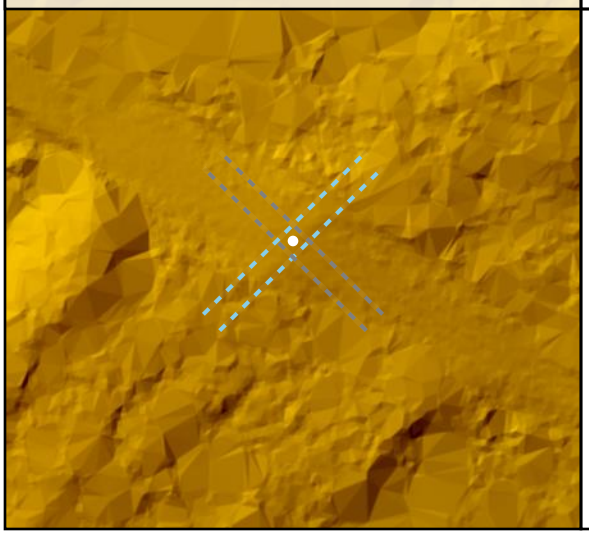
Southwest to Northeast



Intensity Raster

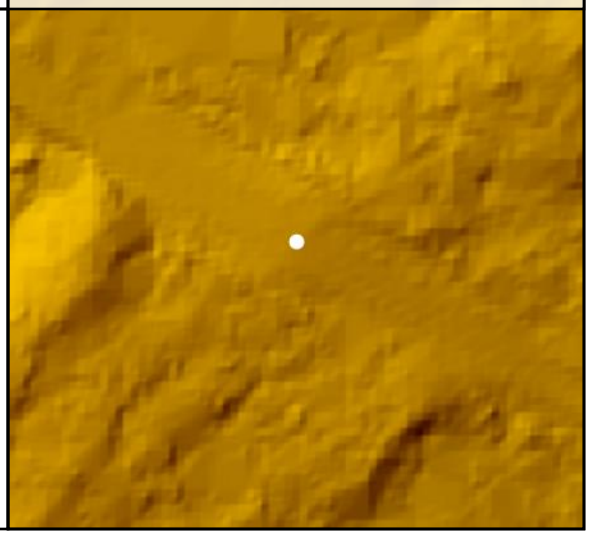


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

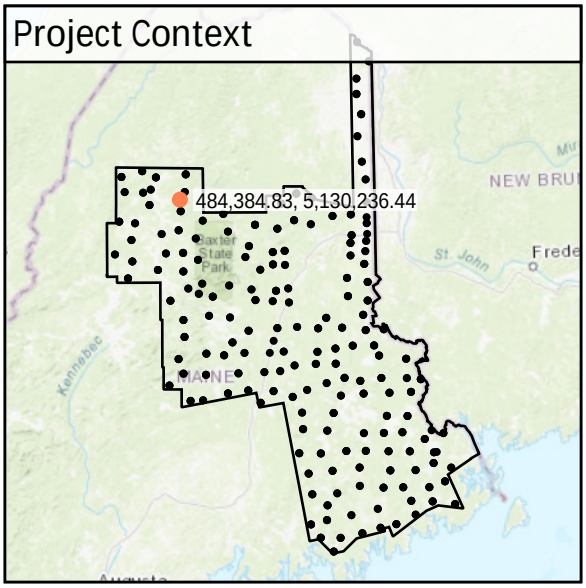
NVA - BE128

All Points TIN Dz -0.01 m

BE129

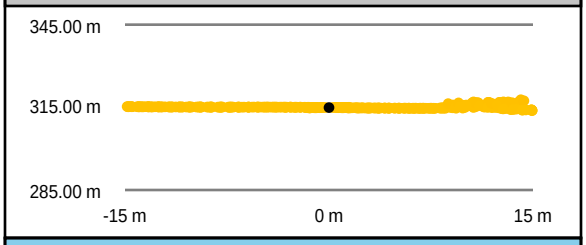
Known Z	314.91 m	Point Density	3.18 ppsm
DEM Dz	0.01 m	Ground Density	3.18 ppsm
All Points TIN Dz	0.02 m	Slope	4.46 °

Project Context

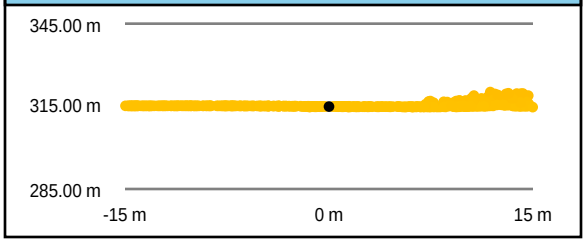


World Imagery

West to East

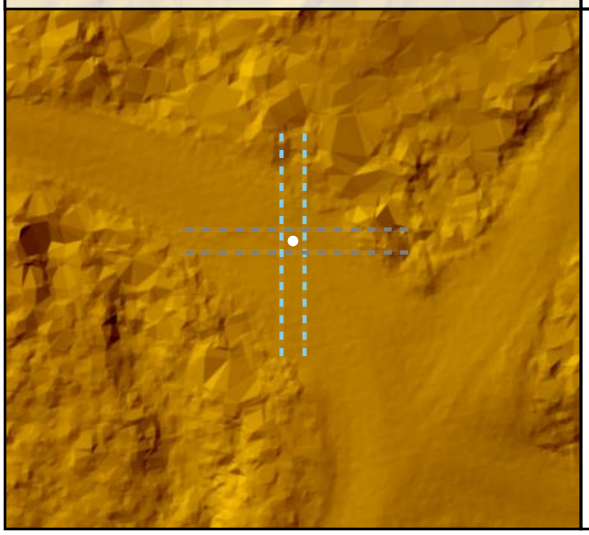


South to North



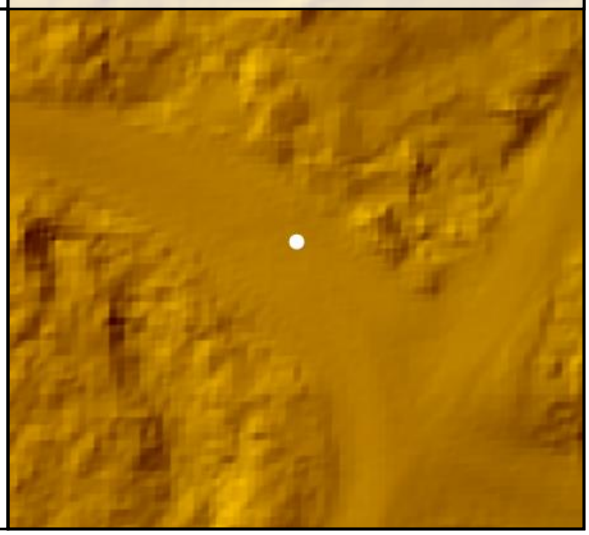
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

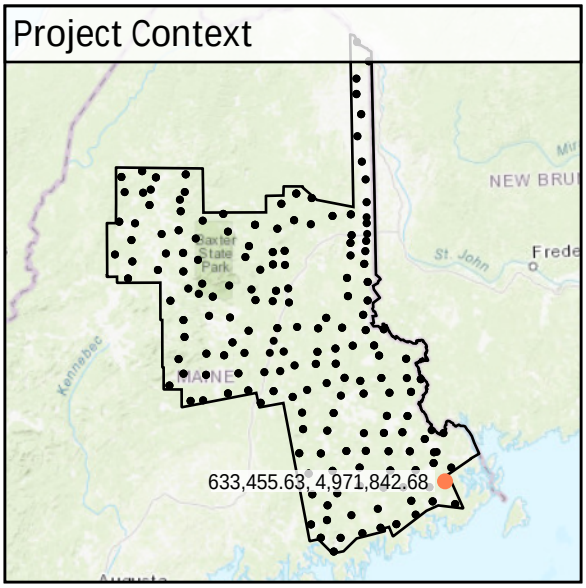
NVA - BE129

All Points TIN Dz +0.02 m

BE13

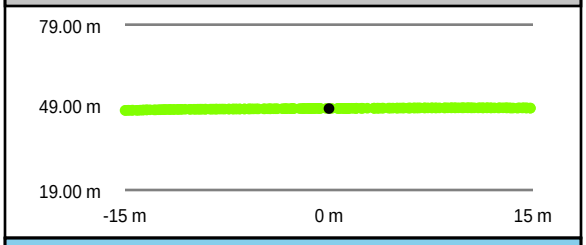
Known Z	48.56 m	Point Density	2.09 ppsm
DEM Dz	0.05 m	Ground Density	2.09 ppsm
All Points TIN Dz	0.05 m	Slope	1.40 °

Project Context

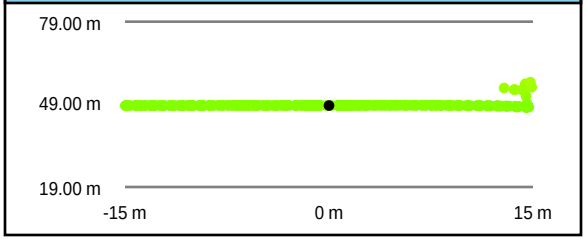


World Imagery

South to North

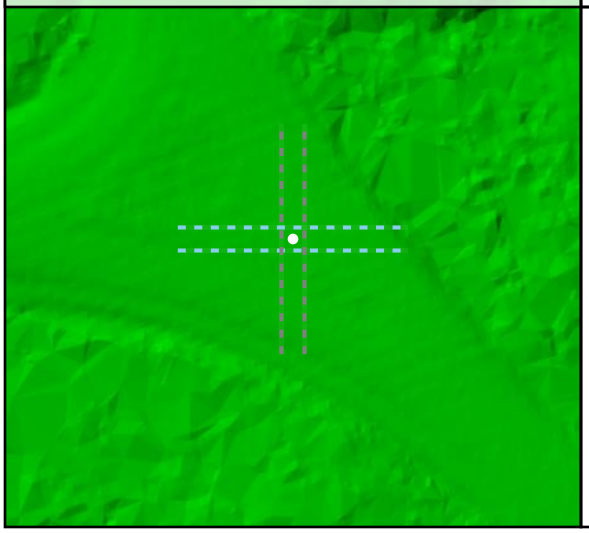


West to East



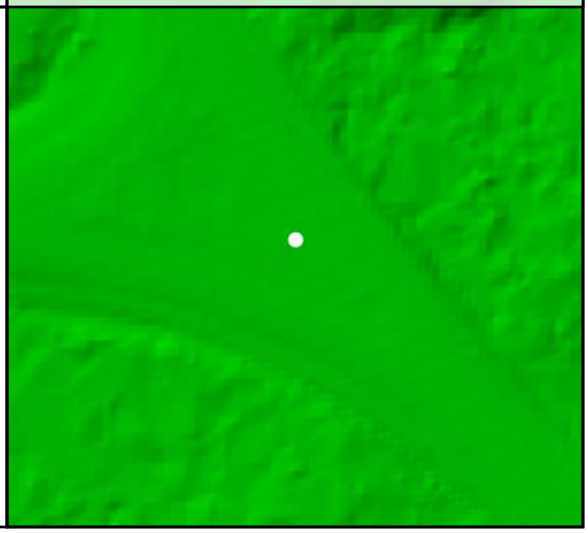
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



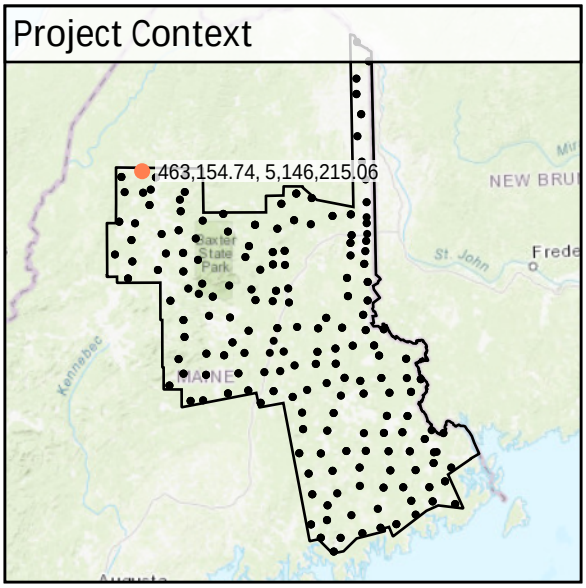
DEM Dz +0.05 m

NVA - BE13

All Points TIN Dz +0.05 m

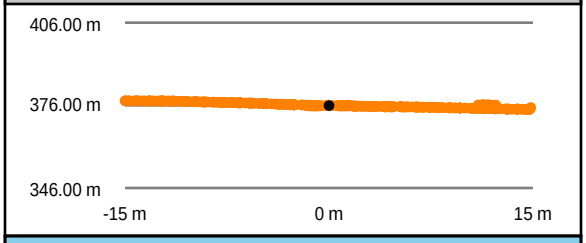
BE130				
	Known Z	375.90 m	Point Density	3.25 ppsm
	DEM Dz	-0.01 m	Ground Density	3.25 ppsm
	All Points TIN Dz	0.00 m	Slope	6.41 °

Project Context

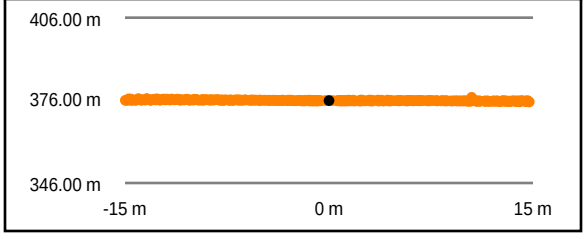


World Imagery

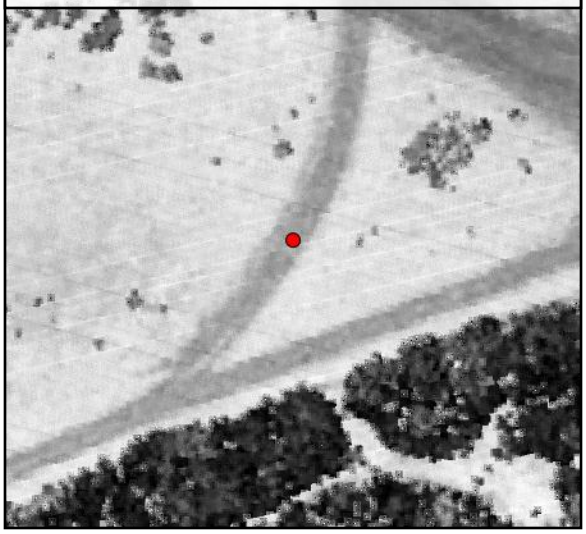
Southeast to Northwest



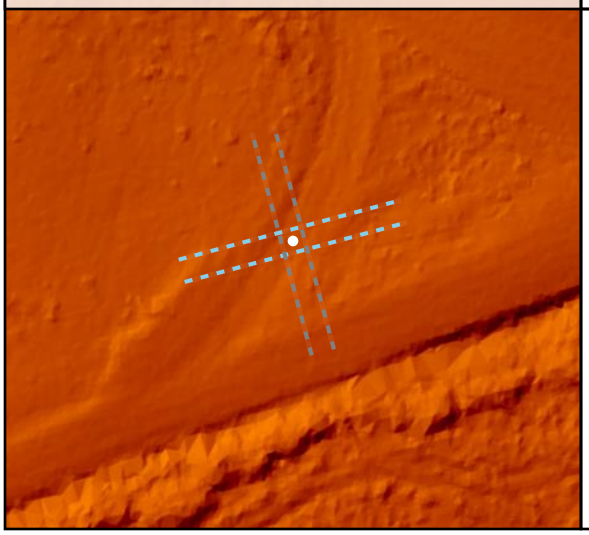
Southwest to Northeast



Intensity Raster

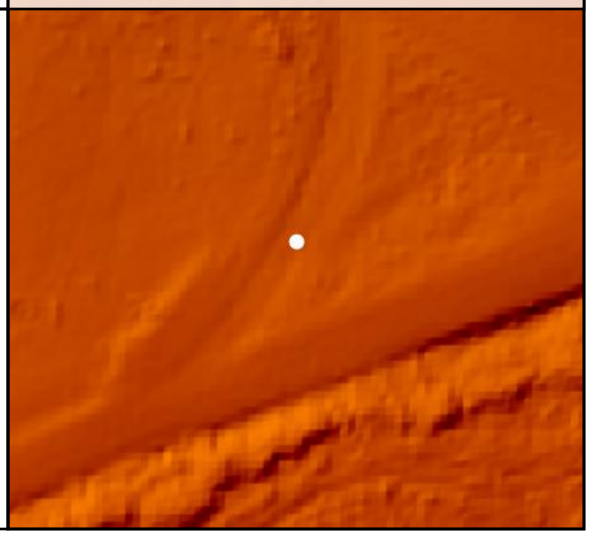


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

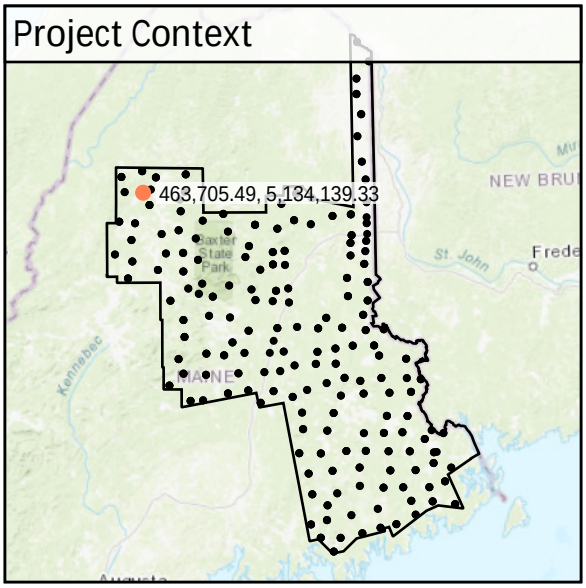
NVA - BE130

All Points TIN Dz +0.00 m

BE131

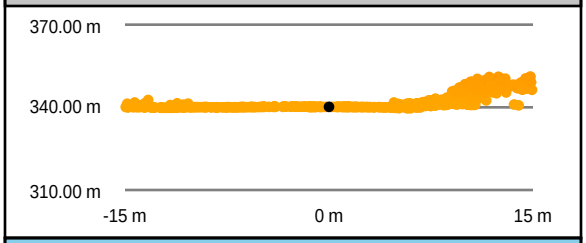
Known Z	340.17 m	Point Density	2.90 ppsm
DEM Dz	0.00 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.00 m	Slope	2.16 °

Project Context

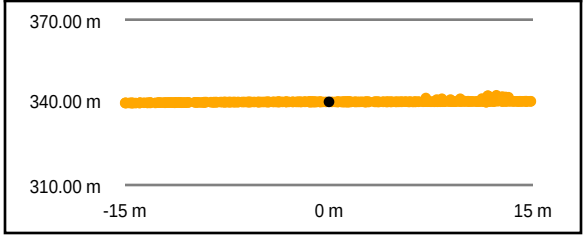


World Imagery

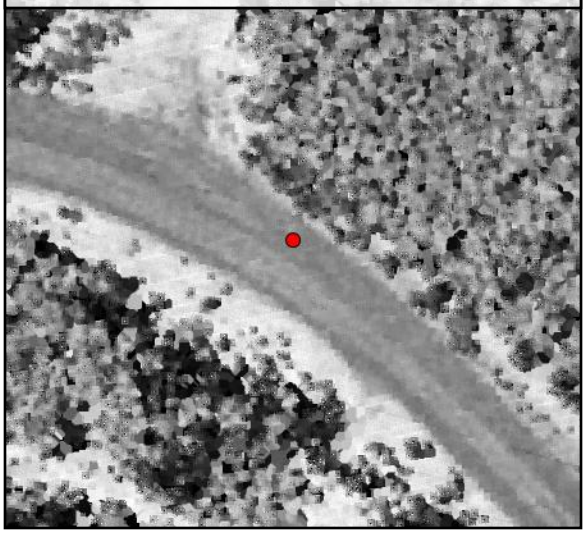
Southwest to Northeast



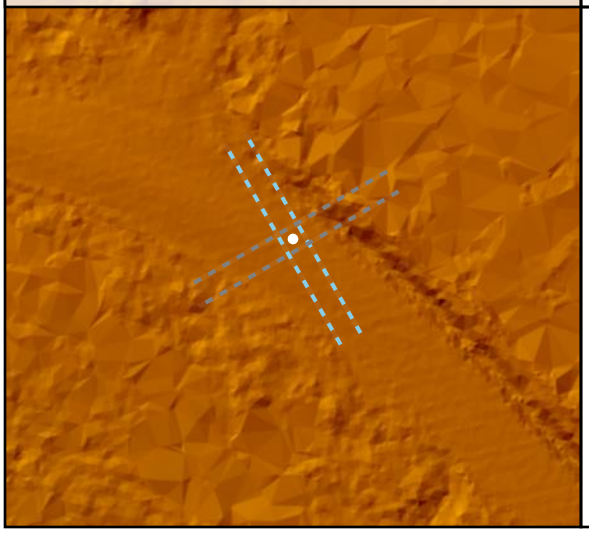
Southeast to Northwest



Intensity Raster

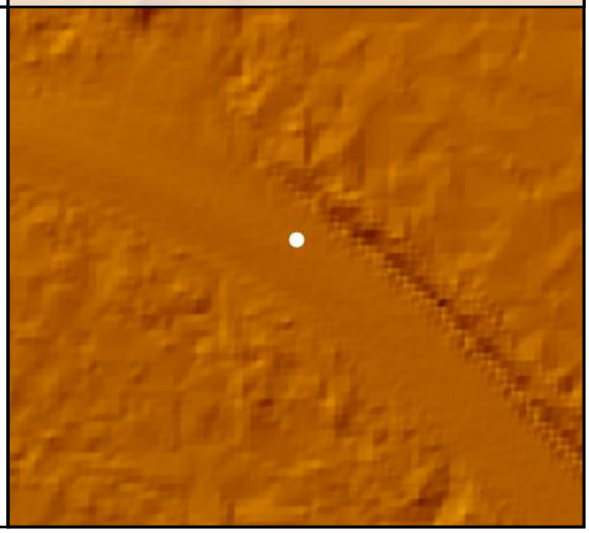


TIN Surface



Project Elevation

DEM Surface



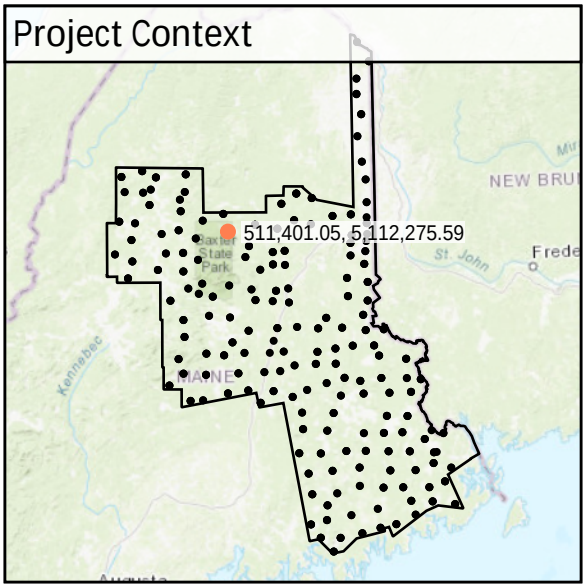
DEM Dz 0.00 m

NVA - BE131

All Points TIN Dz +0.00 m

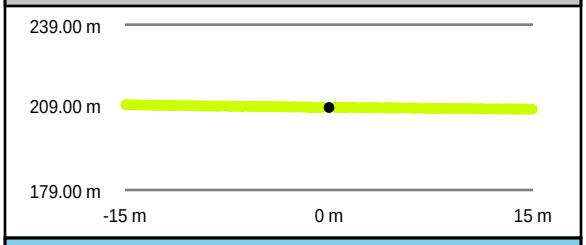
BE132				
	Known Z	208.93 m	Point Density	2.62 ppsm
	DEM Dz	0.09 m	Ground Density	2.62 ppsm
	All Points TIN Dz	0.09 m	Slope	3.05 °

Project Context

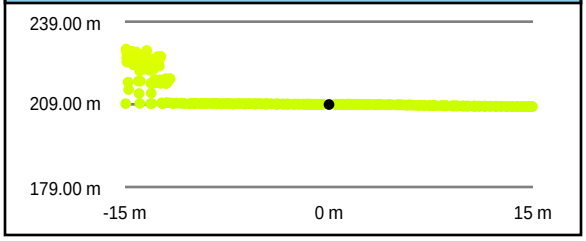


World Imagery

South to North

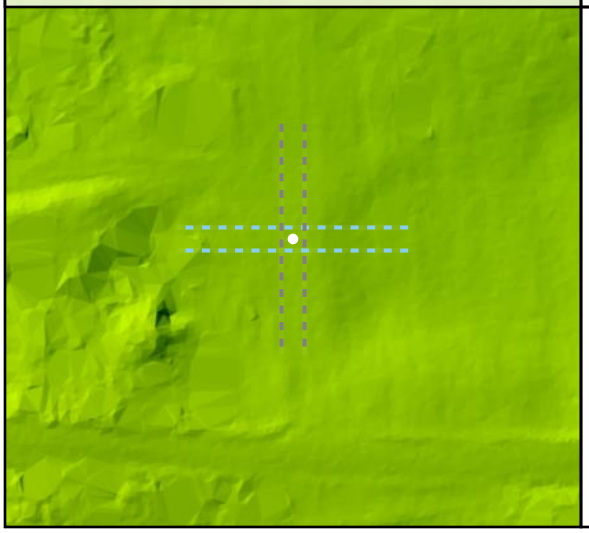


West to East



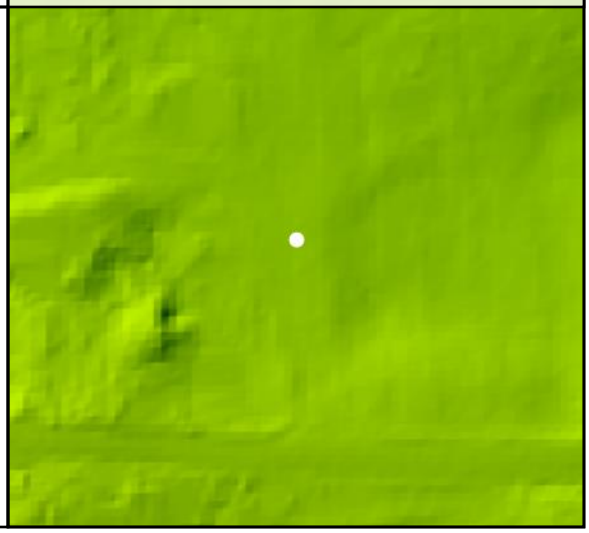
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.09 m

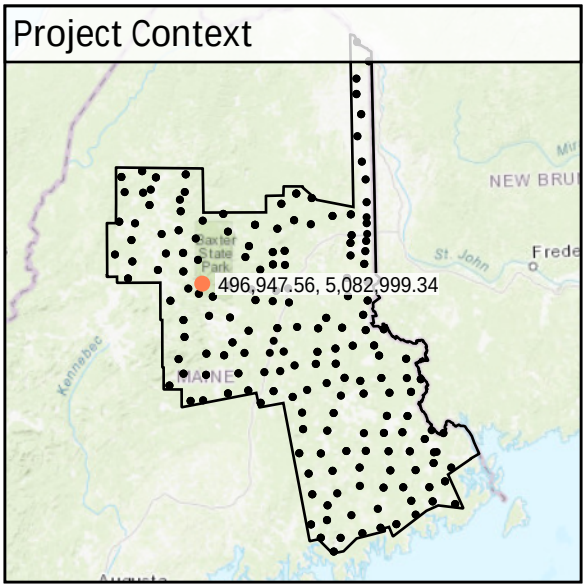
NVA - BE132

All Points TIN Dz +0.09 m

BE133

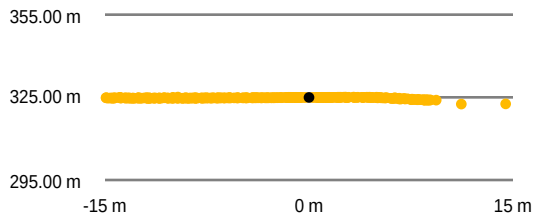
Known Z	324.96 m	Point Density	3.32 ppsm
DEM Dz	0.00 m	Ground Density	3.32 ppsm
All Points TIN Dz	0.00 m	Slope	2.01 °

Project Context

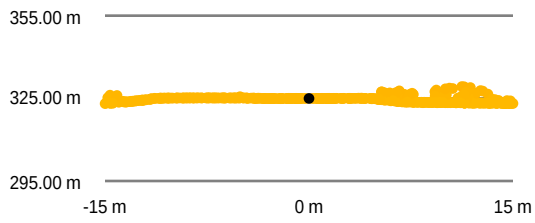


World Imagery

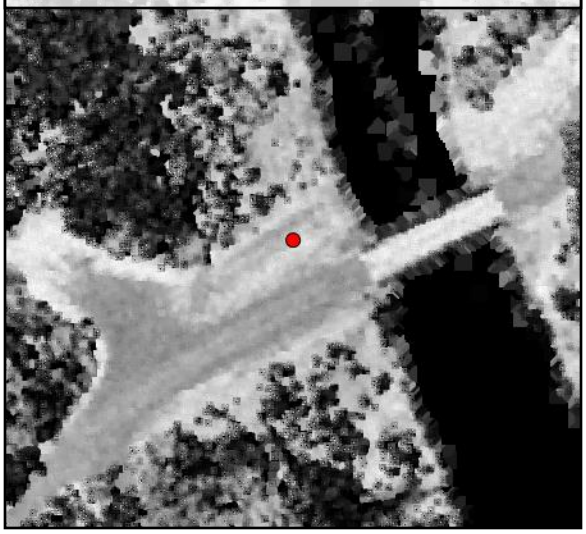
Southwest to Northeast



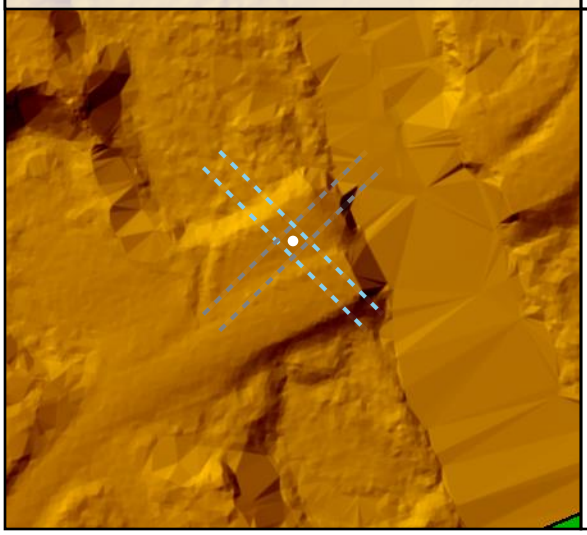
Southeast to Northwest



Intensity Raster

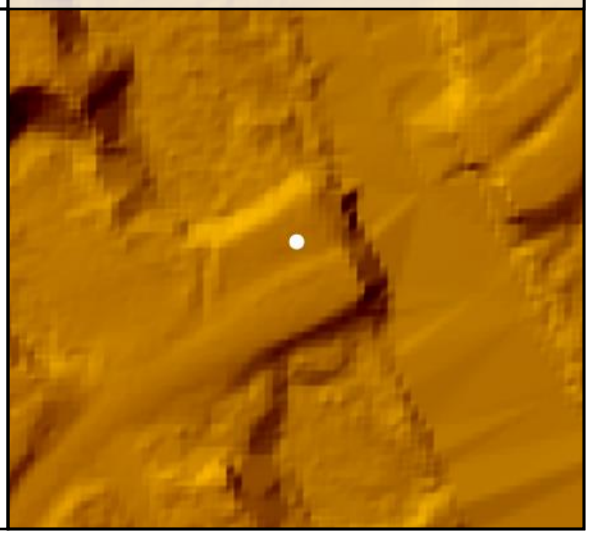


TIN Surface



Project Elevation

DEM Surface



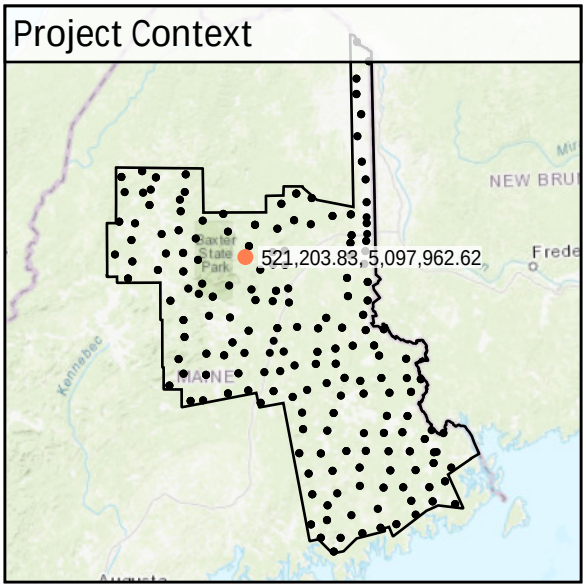
DEM Dz +0.00 m

NVA - BE133

All Points TIN Dz 0.00 m

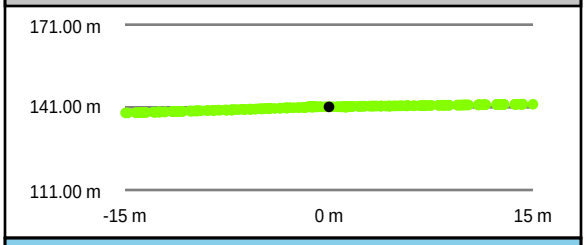
BE134				
	Known Z	141.17 m	Point Density	2.23 ppsm
	DEM Dz	0.04 m	Ground Density	2.23 ppsm
	All Points TIN Dz	0.03 m	Slope	5.89 °

Project Context

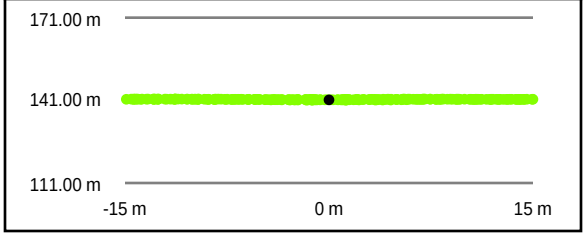


World Imagery

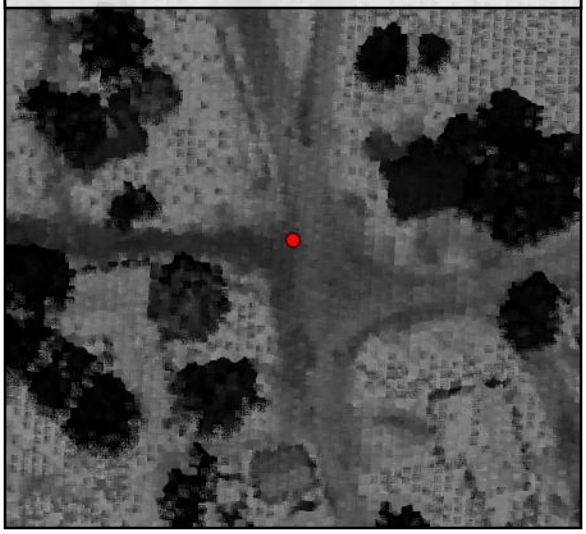
West to East



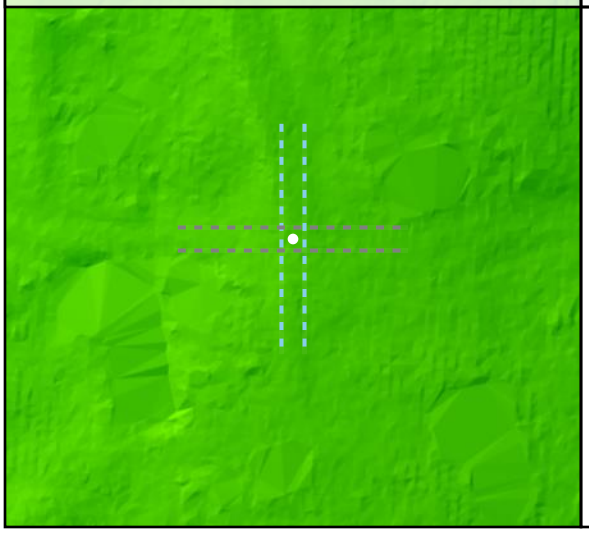
South to North



Intensity Raster

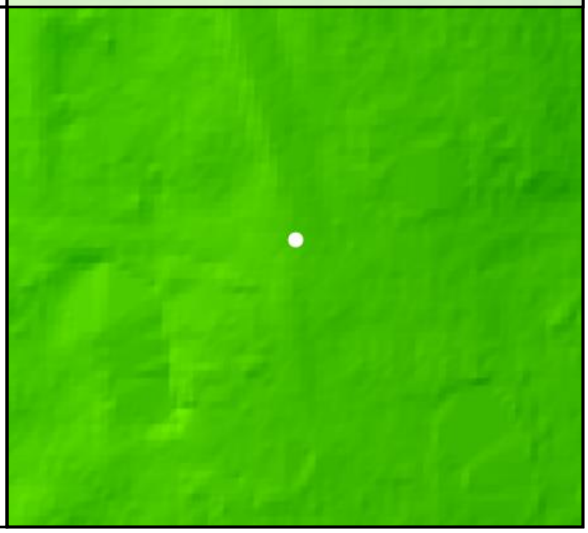


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

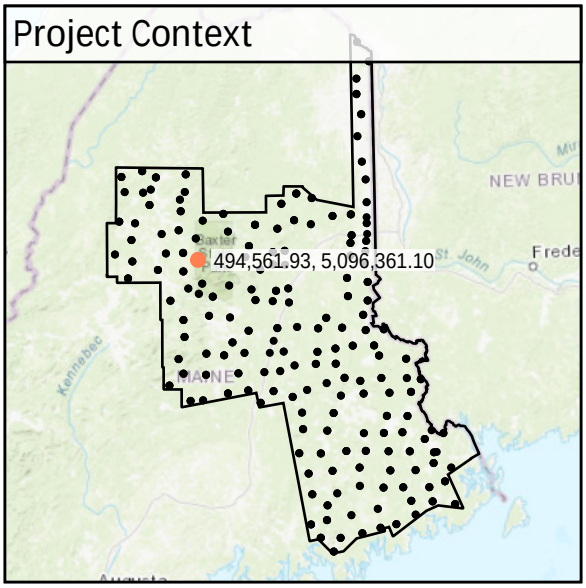
NVA - BE134

All Points TIN Dz +0.03 m

BE135

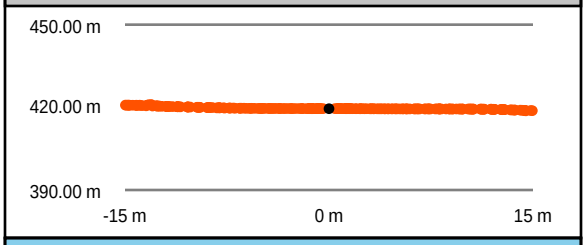
Known Z	419.50 m	Point Density	2.41 ppsm
DEM Dz	0.03 m	Ground Density	2.41 ppsm
All Points TIN Dz	0.01 m	Slope	0.75 °

Project Context

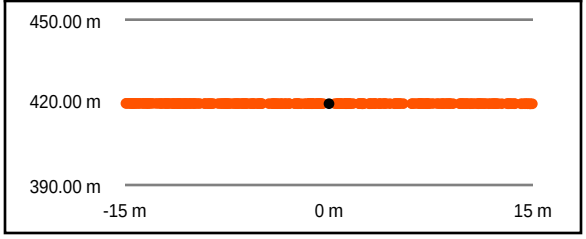


World Imagery

West to East

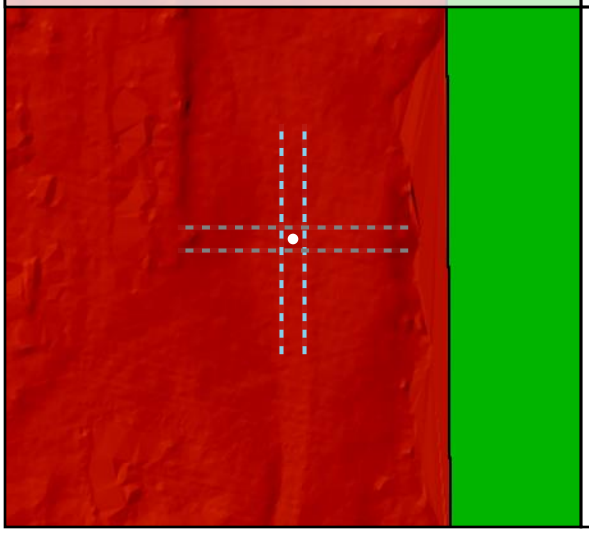


South to North



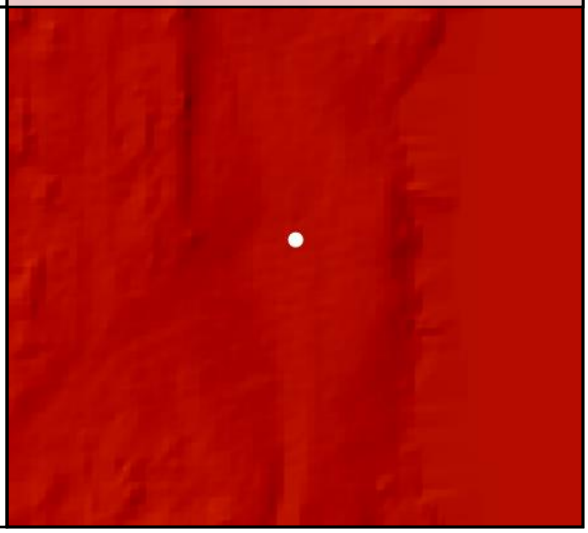
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

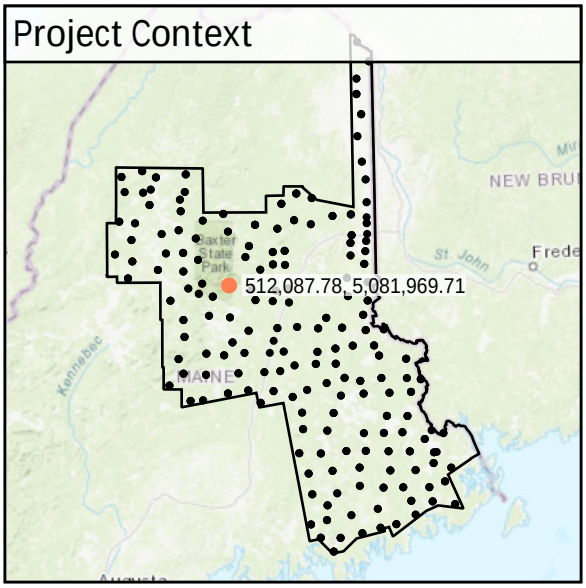
NVA - BE135

All Points TIN Dz +0.01 m

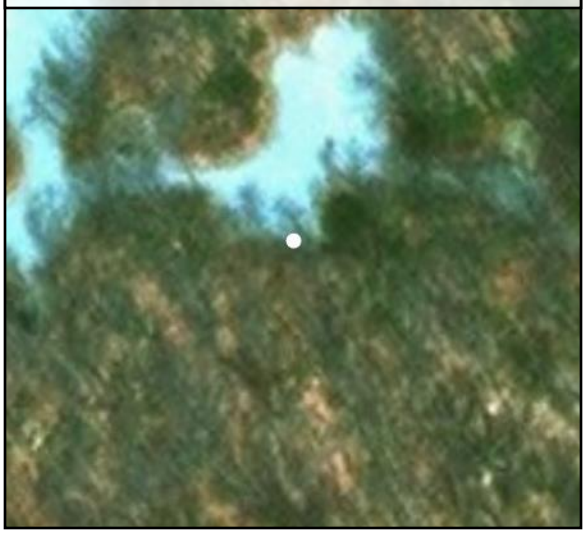
BE136

Known Z	363.89 m	Point Density	2.69 ppsm
DEM Dz	0.01 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.01 m	Slope	2.92 °

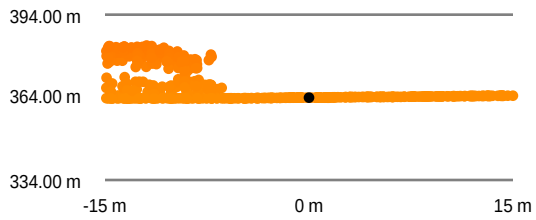
Project Context



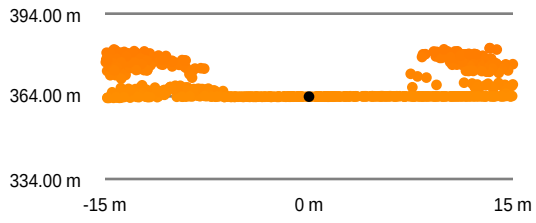
World Imagery



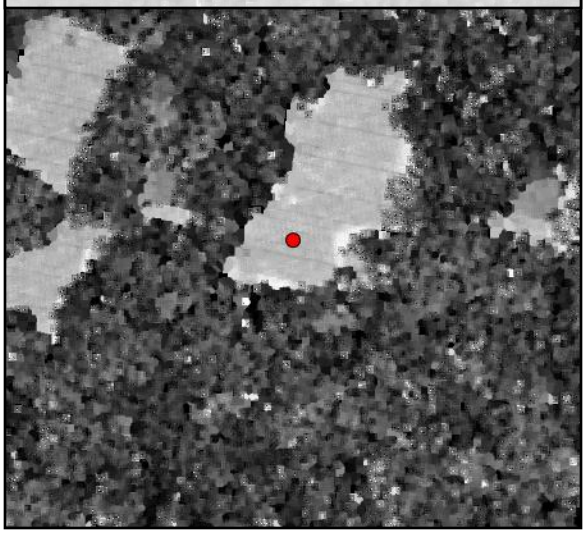
Southwest to Northeast



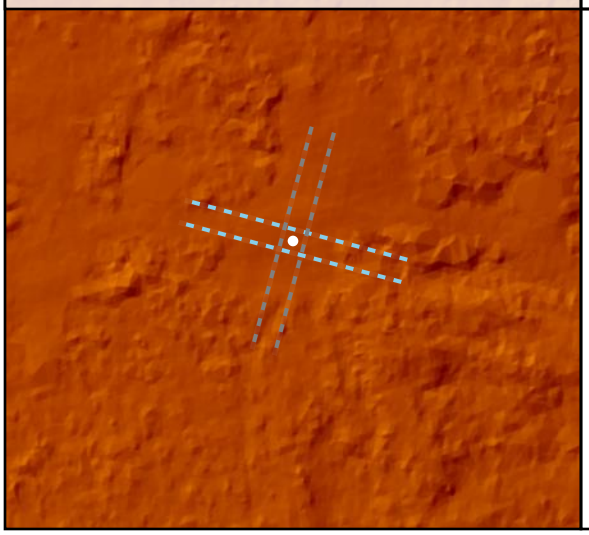
Southeast to Northwest



Intensity Raster

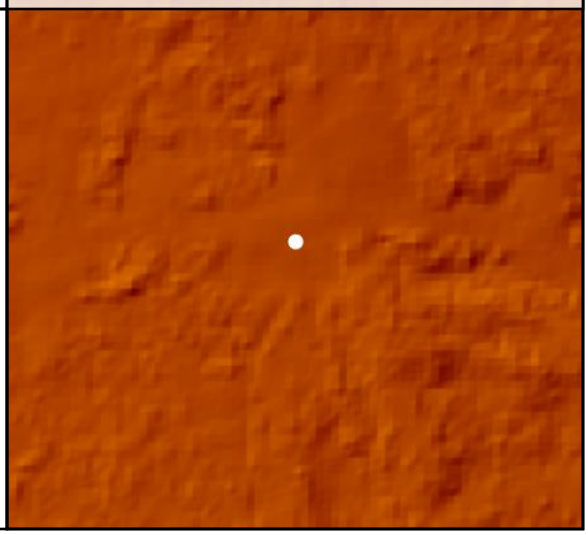


TIN Surface



Project Elevation

DEM Surface



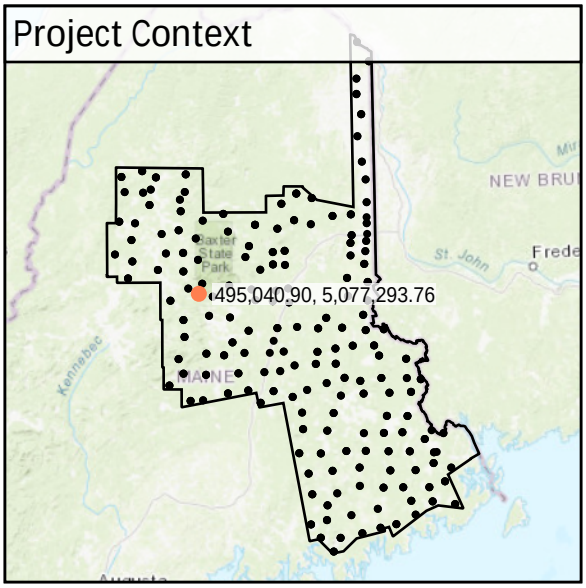
DEM Dz +0.01 m

NVA - BE136

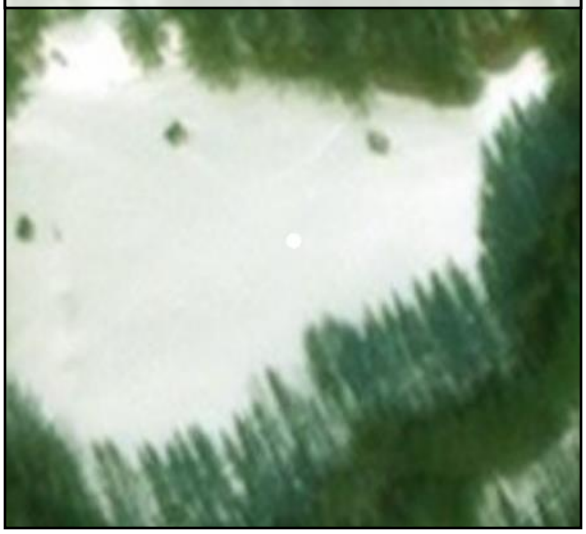
All Points TIN Dz +0.01 m

BE137				
	Known Z	182.19 m	Point Density	2.65 ppsm
	DEM Dz	0.03 m	Ground Density	2.65 ppsm
	All Points TIN Dz	0.03 m	Slope	0.65 °

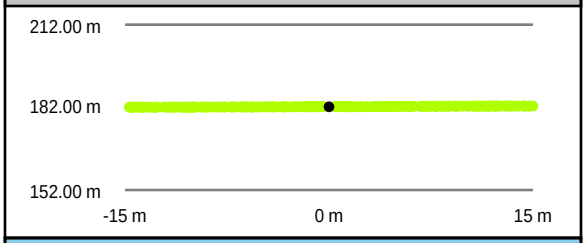
Project Context



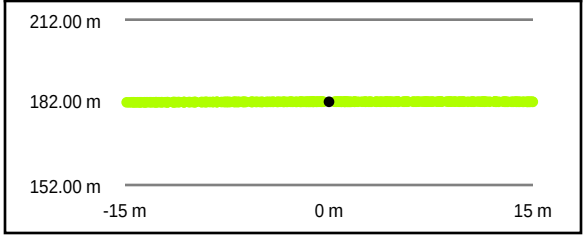
World Imagery



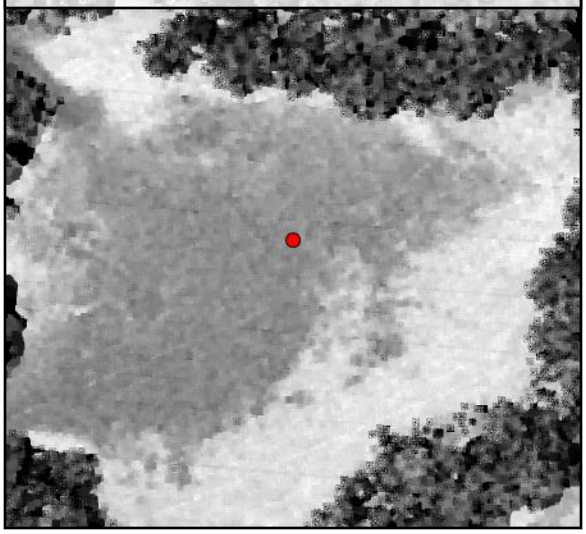
Southwest to Northeast



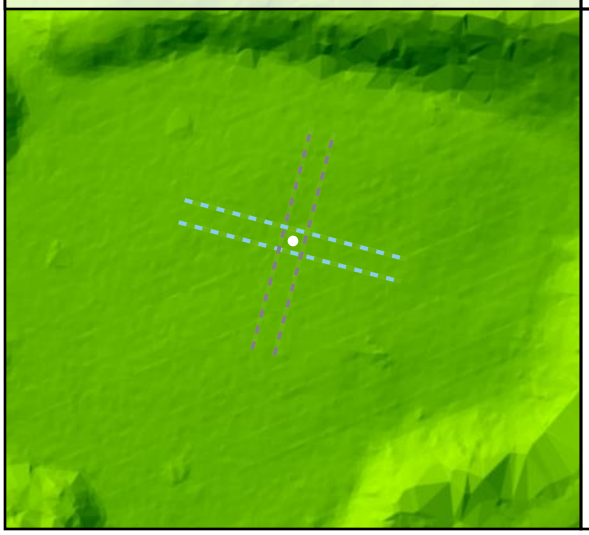
Southeast to Northwest



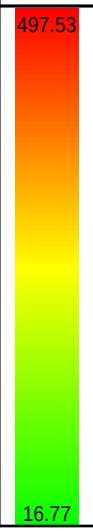
Intensity Raster



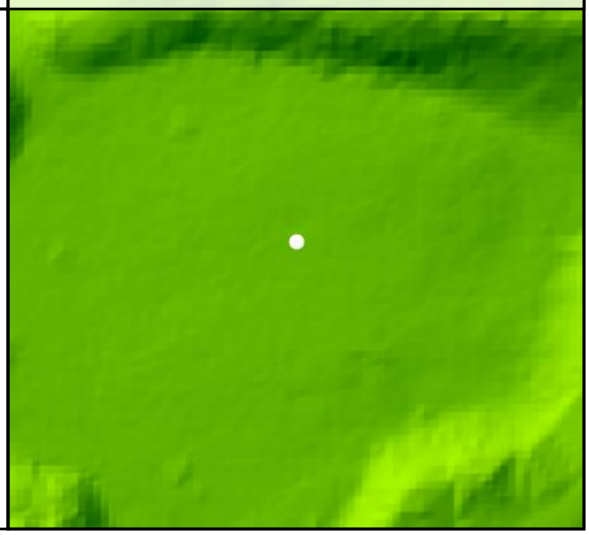
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

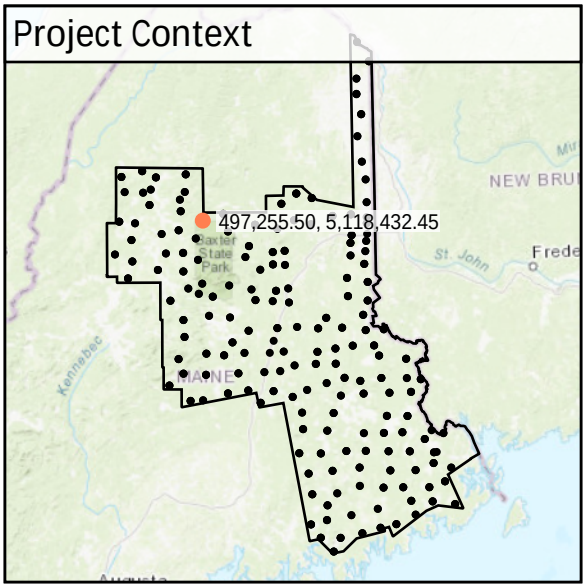
NVA - BE137

All Points TIN Dz +0.03 m

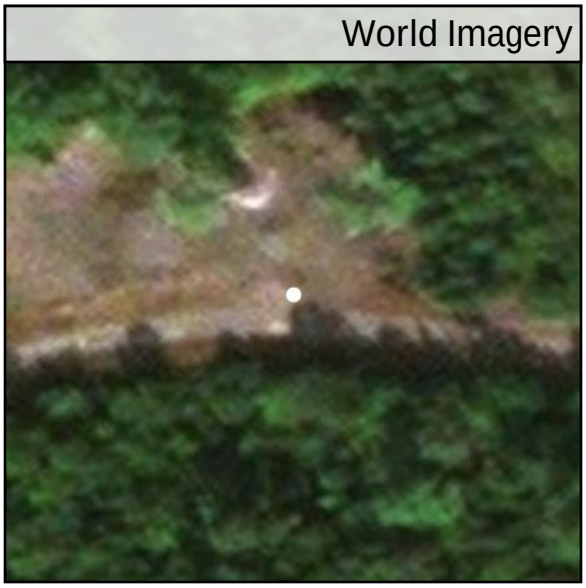
BE138

Known Z	259.23 m	Point Density	2.79 ppsm
DEM Dz	0.00 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.02 m	Slope	3.01 °

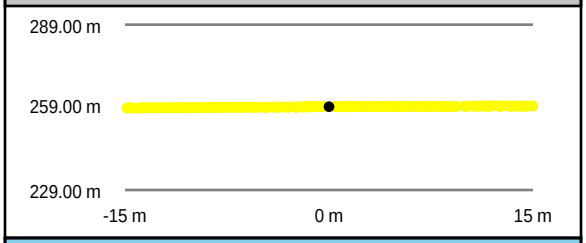
Project Context



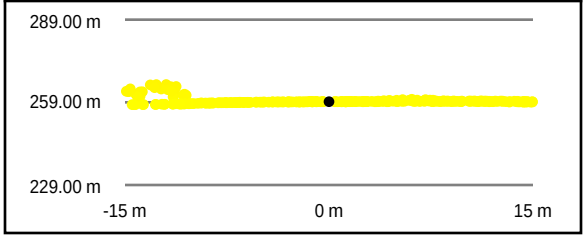
World Imagery



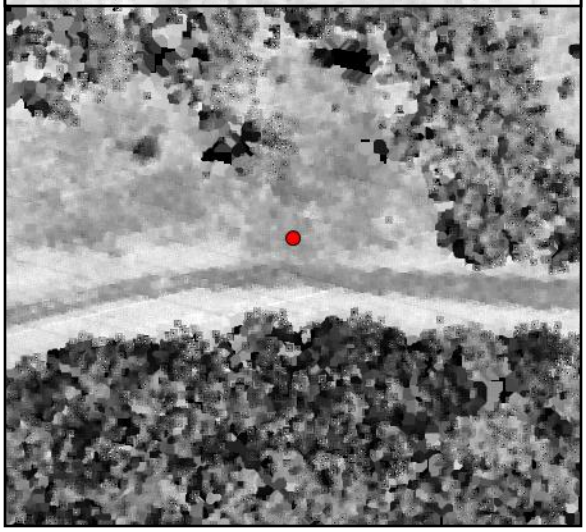
Southeast to Northwest



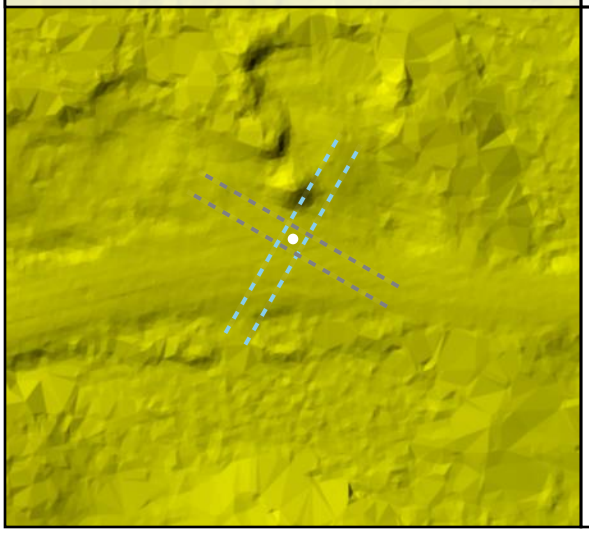
Southwest to Northeast



Intensity Raster

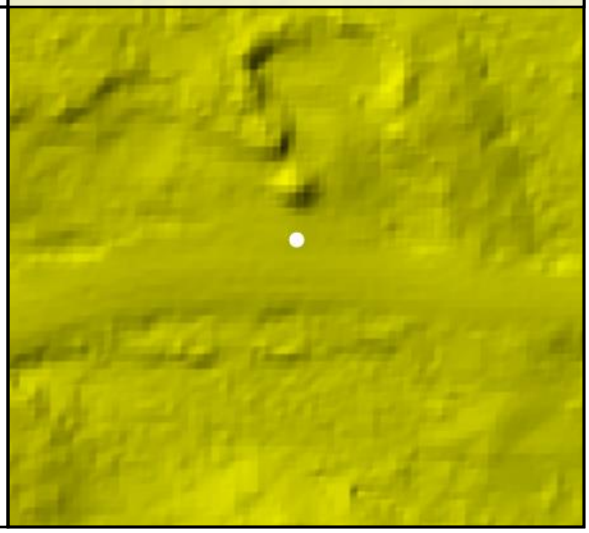


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

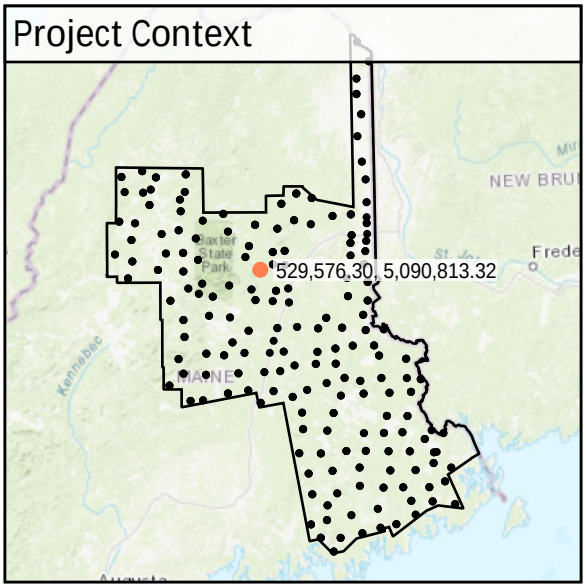
NVA - BE138

All Points TIN Dz +0.02 m

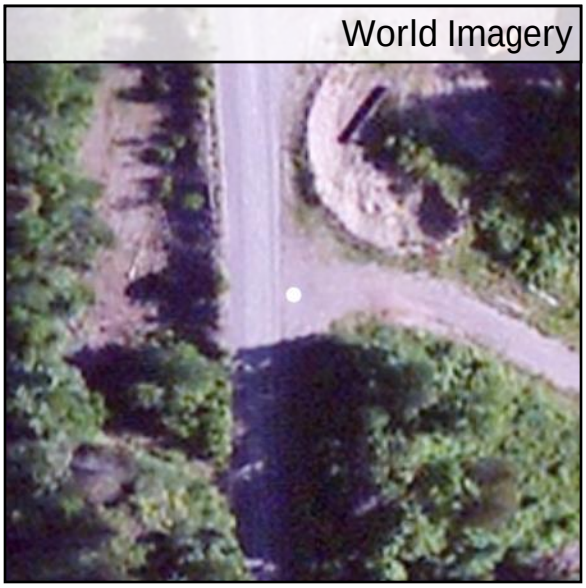
BE139

Known Z	117.02 m	Point Density	2.02 ppsm
DEM Dz	0.01 m	Ground Density	2.02 ppsm
All Points TIN Dz	0.01 m	Slope	2.05 °

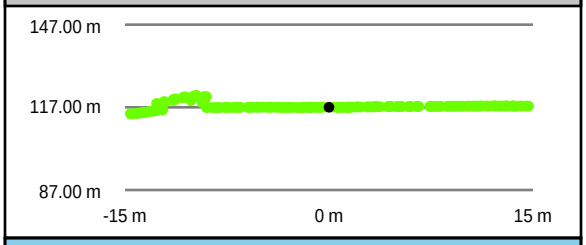
Project Context



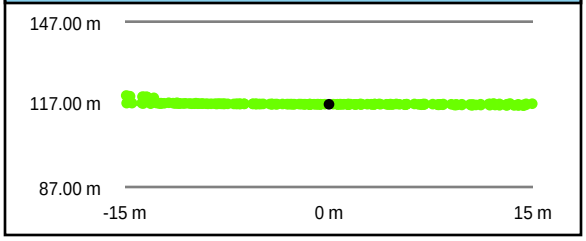
World Imagery



West to East

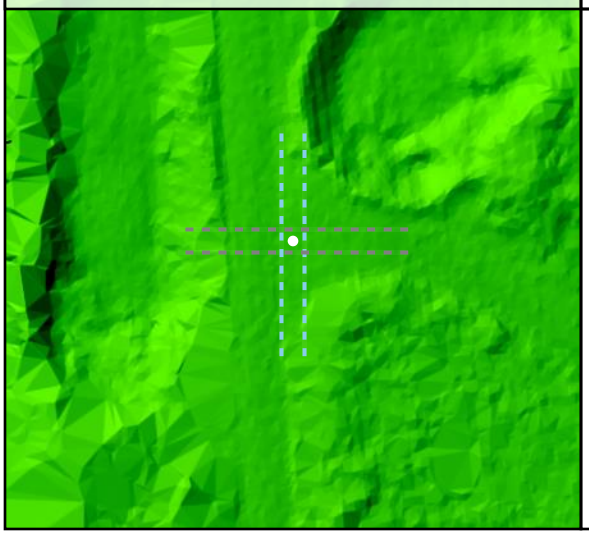


South to North



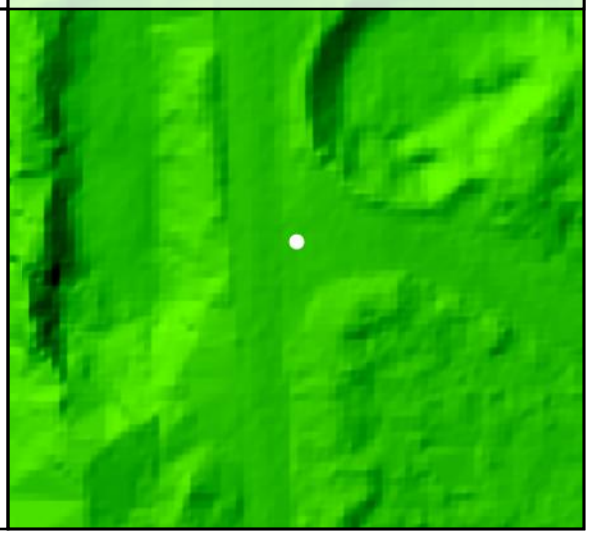
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

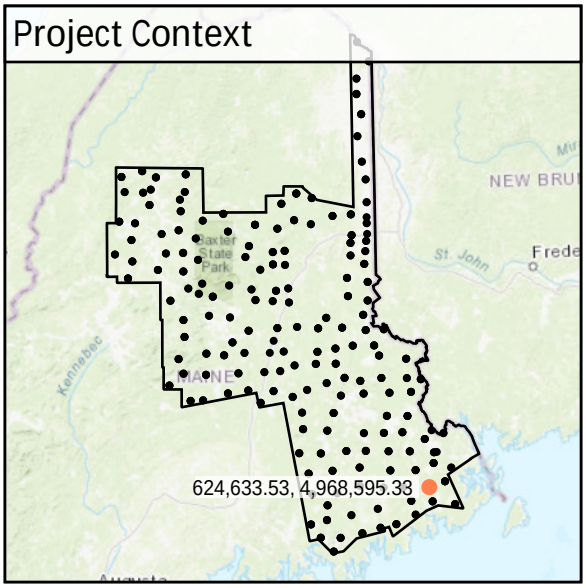
NVA - BE139

All Points TIN Dz +0.01 m

BE14

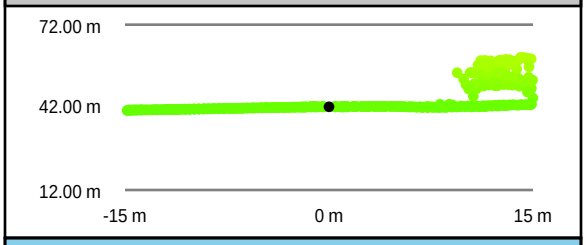
Known Z	42.19 m	Point Density	2.76 ppsm
DEM Dz	0.01 m	Ground Density	2.76 ppsm
All Points TIN Dz	0.01 m	Slope	2.74 °

Project Context



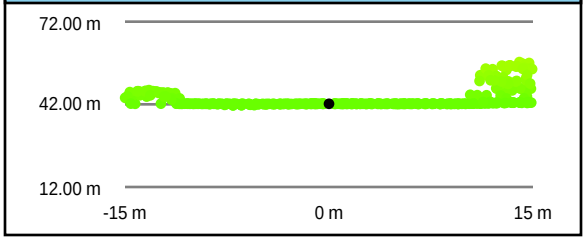
World Imagery

Southeast to Northwest

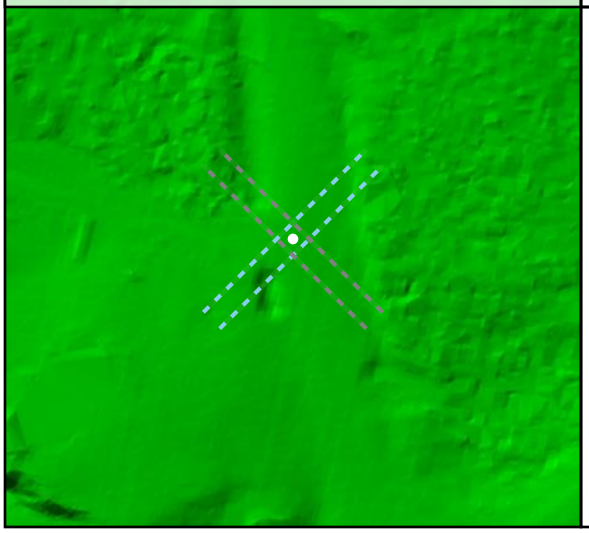


Intensity Raster

Southwest to Northeast

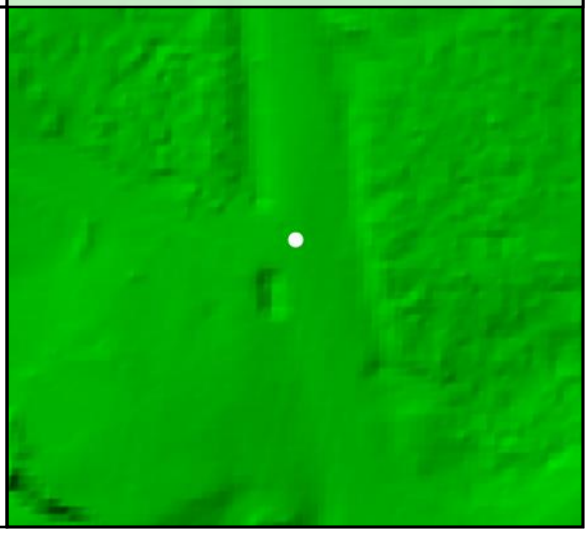


TIN Surface



Project Elevation

DEM Surface



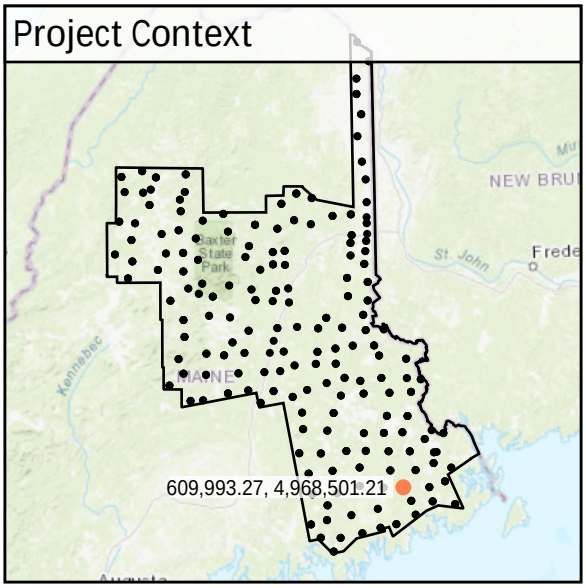
DEM Dz +0.01 m

NVA - BE14

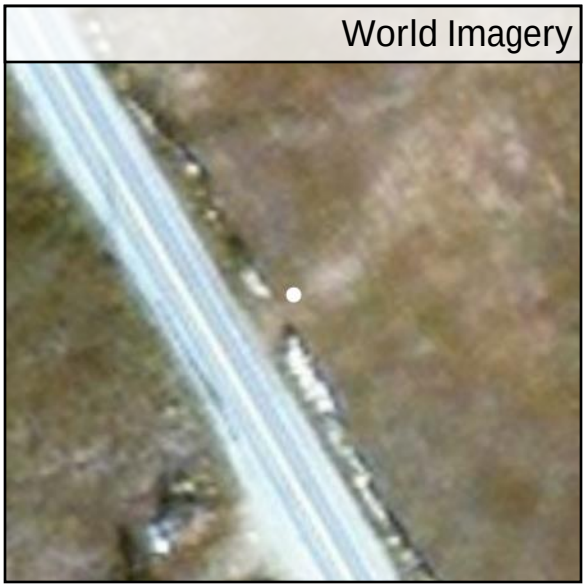
All Points TIN Dz +0.01 m

BE15				
	Known Z	63.76 m	Point Density	4.24 ppsm
	DEM Dz	-0.01 m	Ground Density	4.03 ppsm
	All Points TIN Dz	-0.02 m	Slope	1.53 °

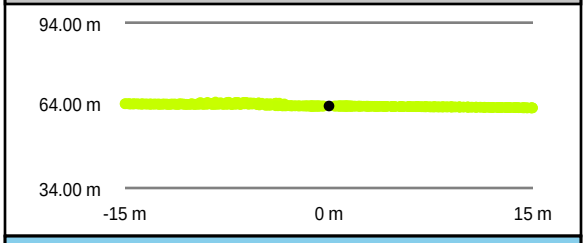
Project Context



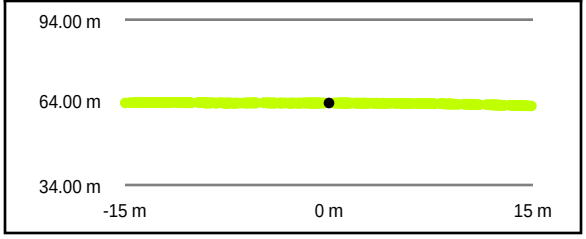
World Imagery



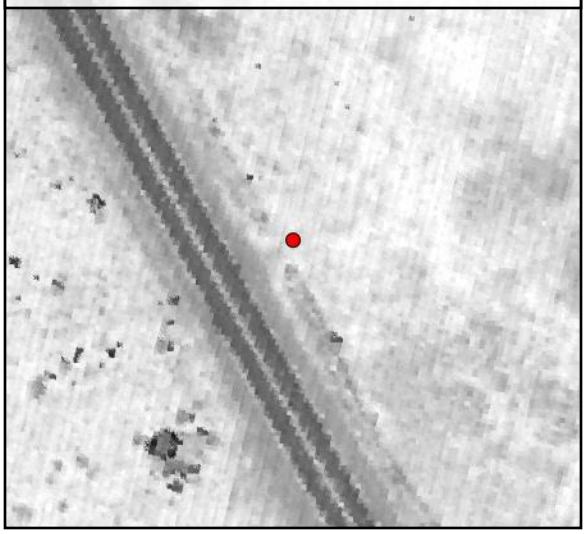
South to North



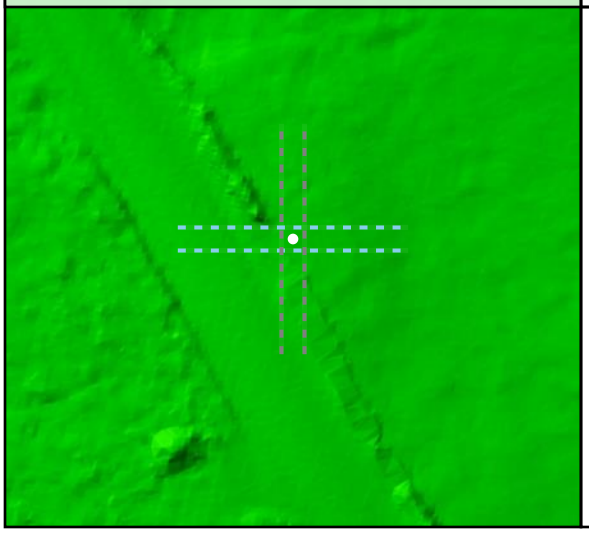
West to East



Intensity Raster

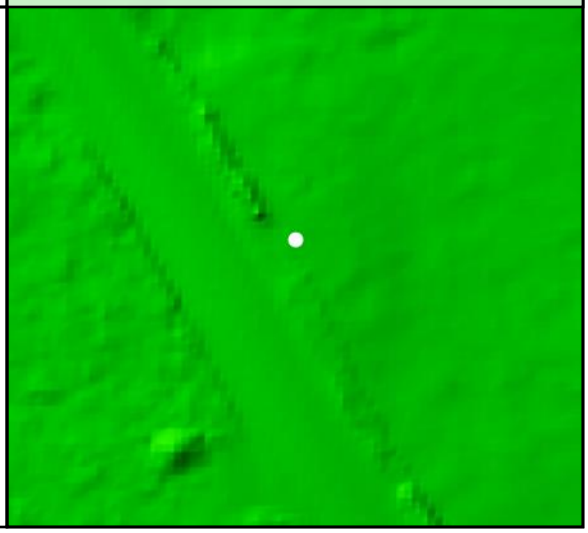


TIN Surface



Project Elevation

DEM Surface



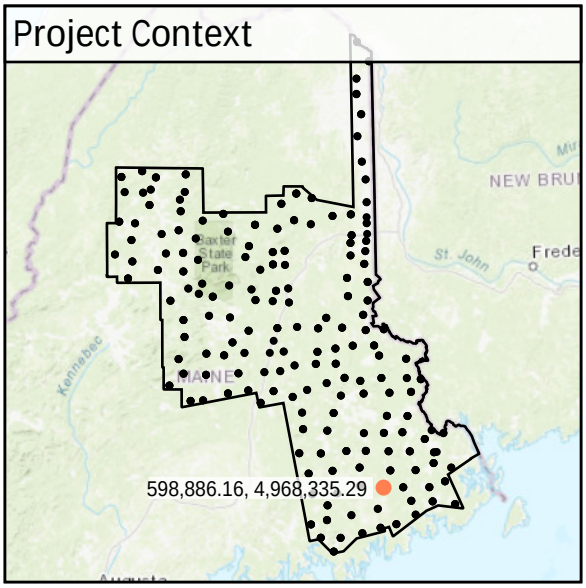
DEM Dz -0.01 m

NVA - BE15

All Points TIN Dz -0.02 m

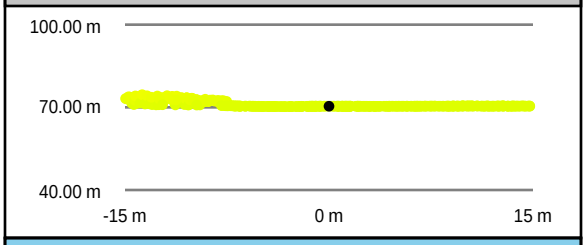
BE16				
	Known Z	70.40 m	Point Density	3.15 ppsm
	DEM Dz	0.01 m	Ground Density	3.15 ppsm
	All Points TIN Dz	0.02 m	Slope	0.72 °

Project Context

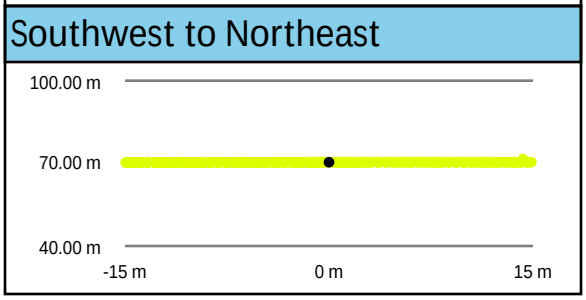


World Imagery

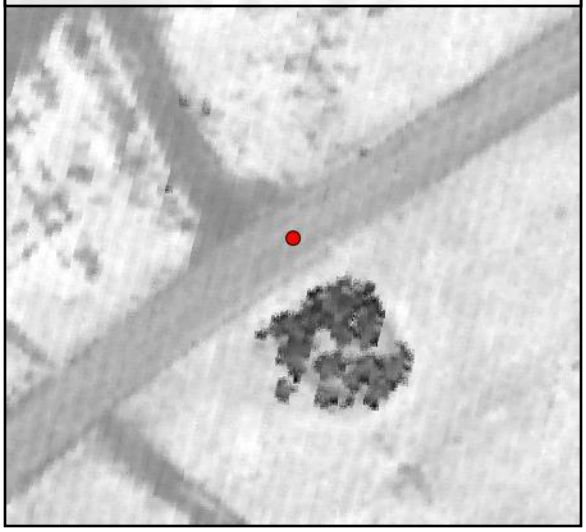
Southeast to Northwest



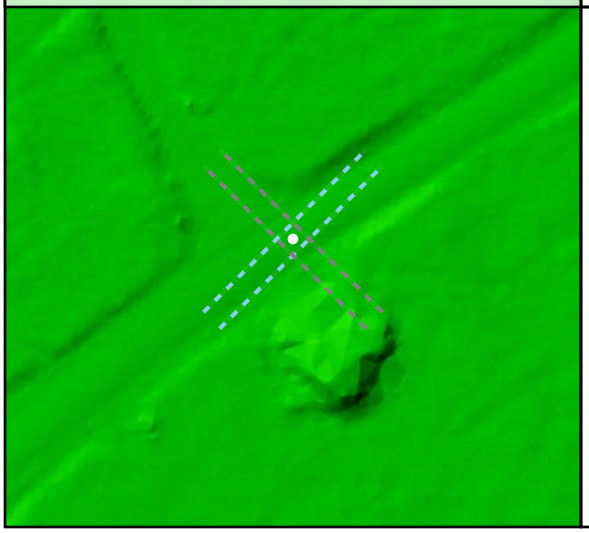
Southwest to Northeast



Intensity Raster

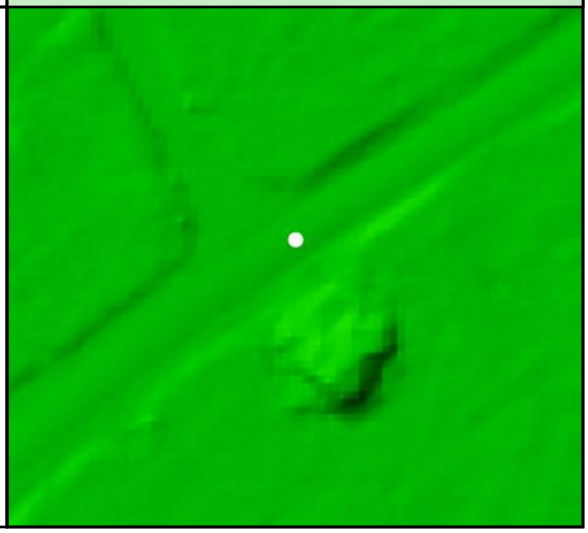


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

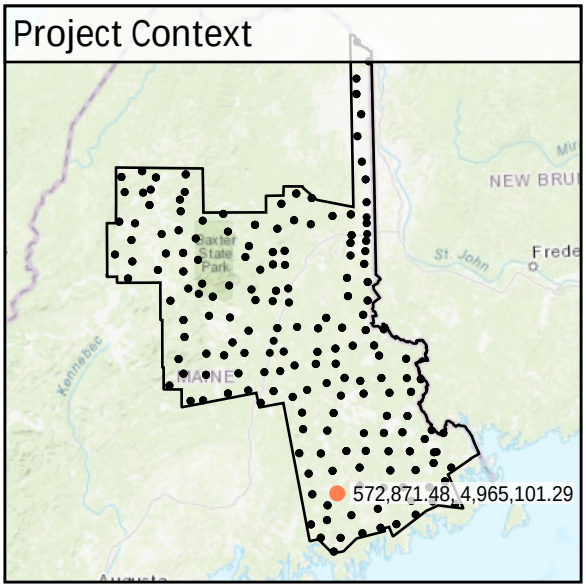
NVA - BE16

All Points TIN Dz +0.02 m

BE17

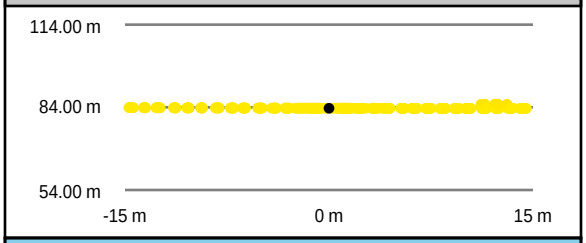
Known Z	83.66 m	Point Density	2.79 ppsm
DEM Dz	0.01 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.01 m	Slope	0.62 °

Project Context

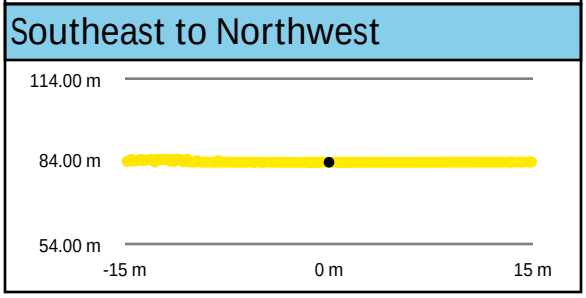


World Imagery

Southwest to Northeast



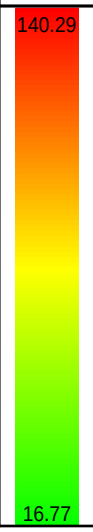
Southeast to Northwest



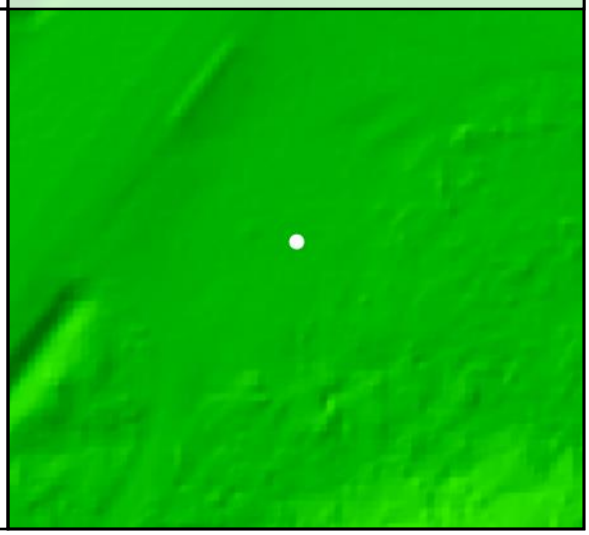
Intensity Raster

TIN Surface

Project Elevation



DEM Surface



DEM Dz +0.01 m

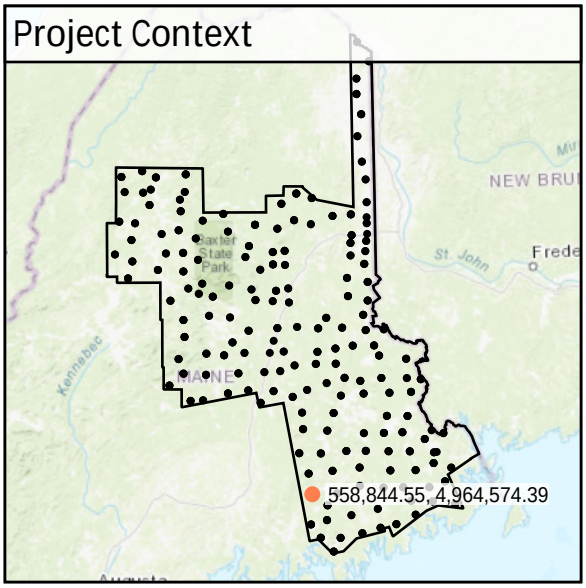
NVA - BE17

All Points TIN Dz +0.01 m

BE18

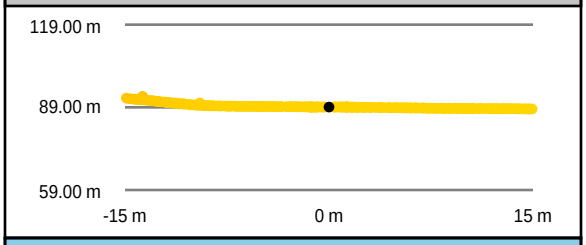
Known Z	89.09 m	Point Density	2.51 ppsm
DEM Dz	0.03 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.03 m	Slope	1.93 °

Project Context

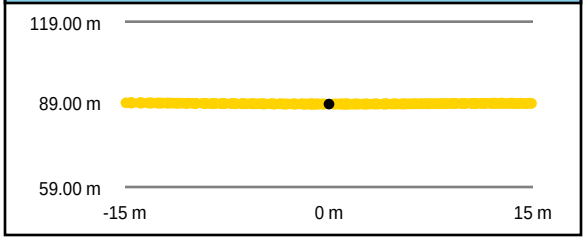


World Imagery

West to East

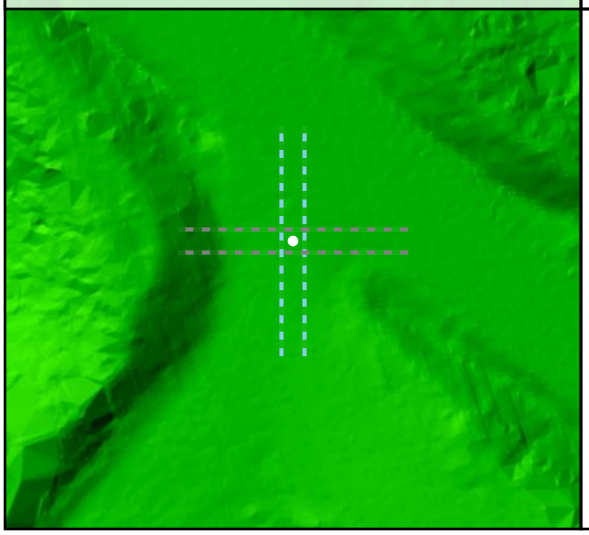


South to North



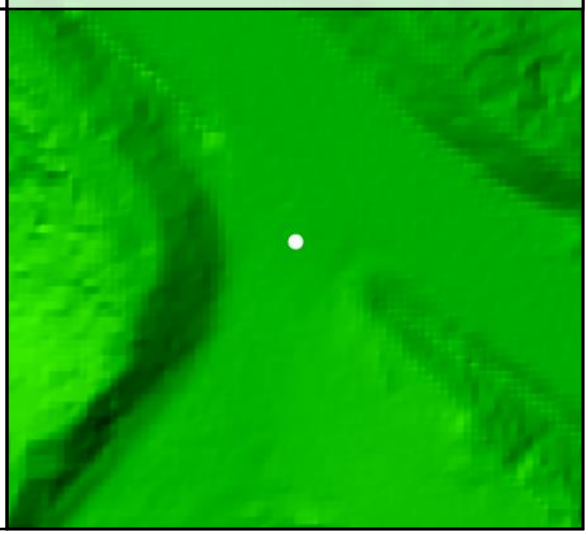
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



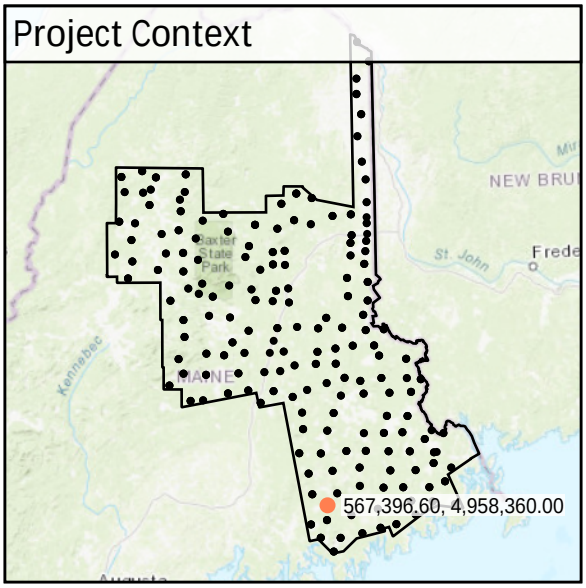
DEM Dz +0.03 m

NVA - BE18

All Points TIN Dz +0.03 m

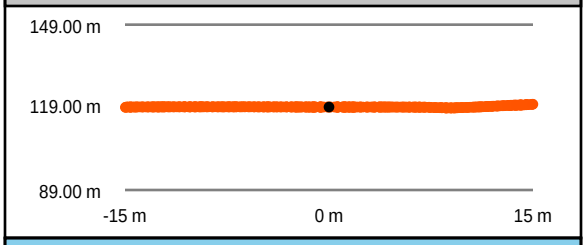
BE19				
	Known Z	119.11 m	Point Density	4.00 ppsm
	DEM Dz	0.00 m	Ground Density	3.89 ppsm
	All Points TIN Dz	0.00 m	Slope	0.36 °

Project Context

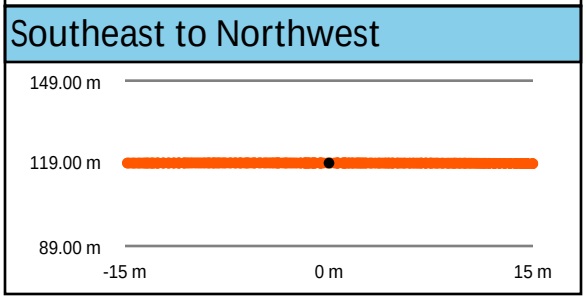


World Imagery

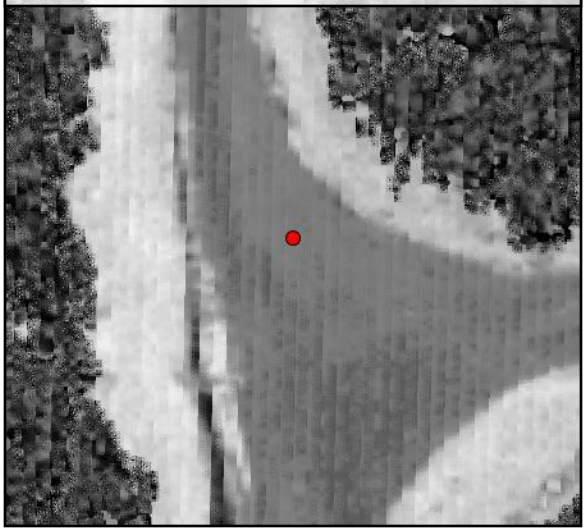
Southwest to Northeast



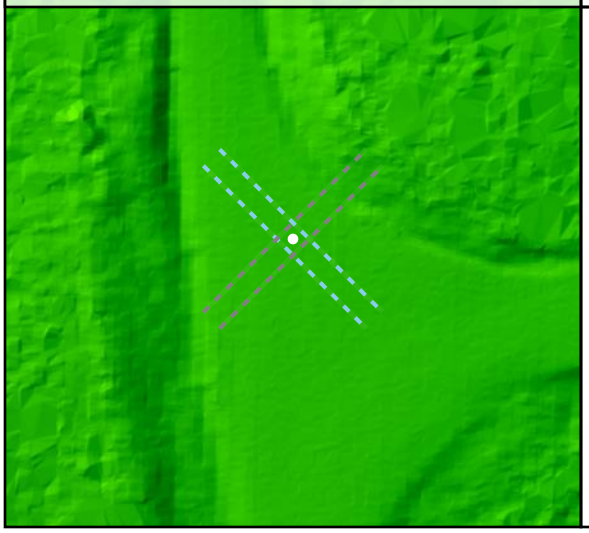
Southeast to Northwest



Intensity Raster

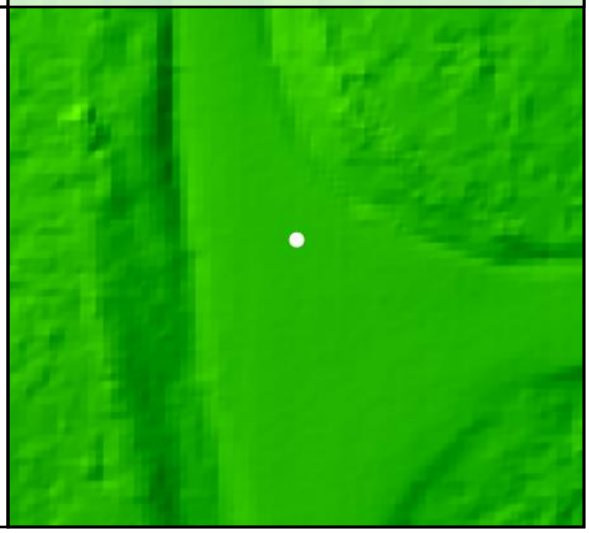


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

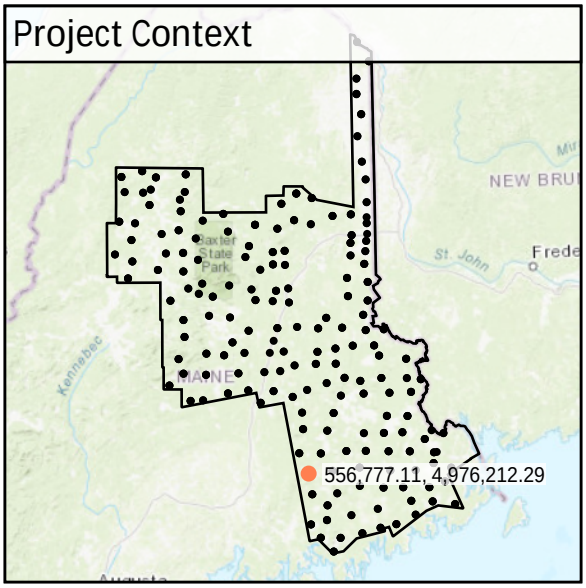
NVA - BE19

All Points TIN Dz 0.00 m

BE20

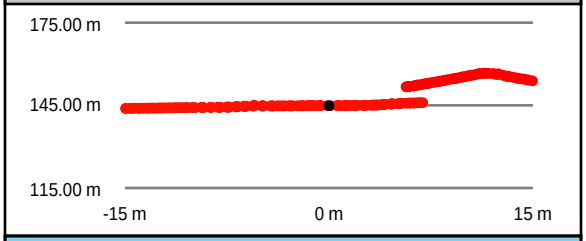
Known Z	144.87 m	Point Density	2.51 ppsm
DEM Dz	0.01 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.00 m	Slope	2.37 °

Project Context

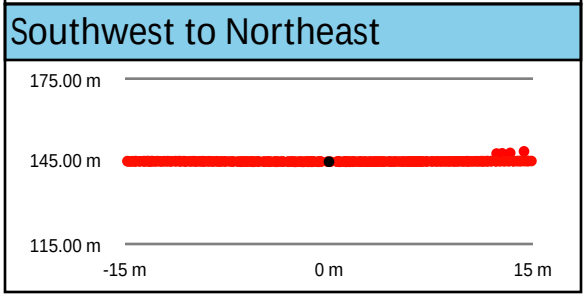


World Imagery

Southeast to Northwest

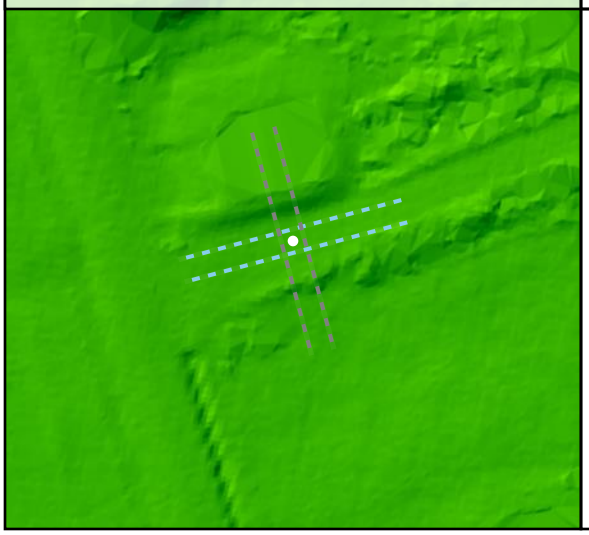


Southwest to Northeast



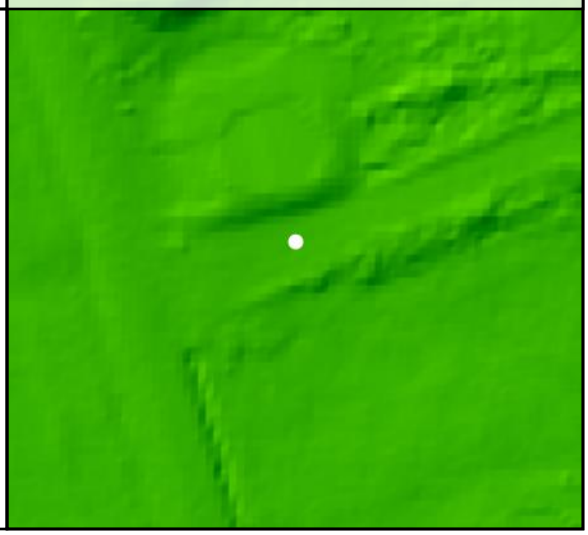
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



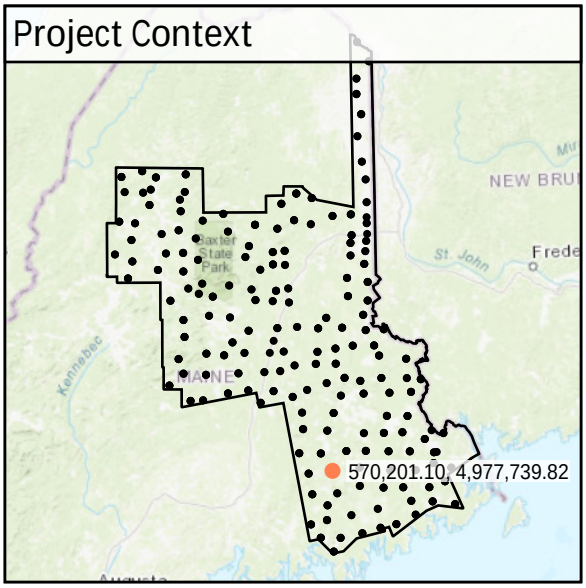
DEM Dz +0.01 m

NVA - BE20

All Points TIN Dz 0.00 m

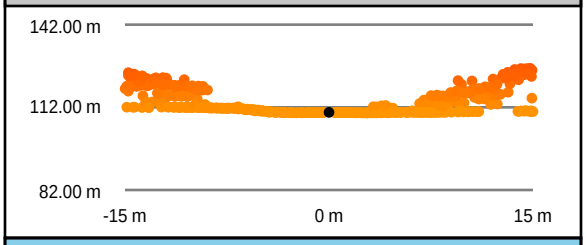
BE21				
	Known Z	110.17 m	Point Density	3.01 ppsm
	DEM Dz	-0.07 m	Ground Density	3.01 ppsm
	All Points TIN Dz	-0.08 m	Slope	0.27 °

Project Context

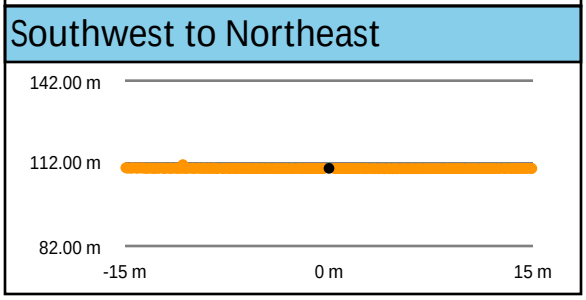


World Imagery

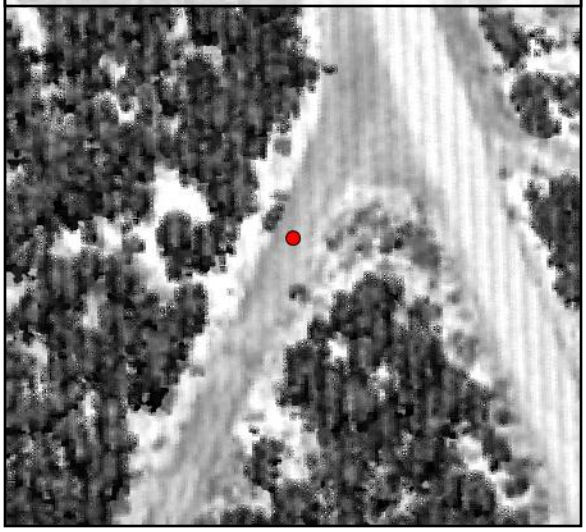
Southeast to Northwest



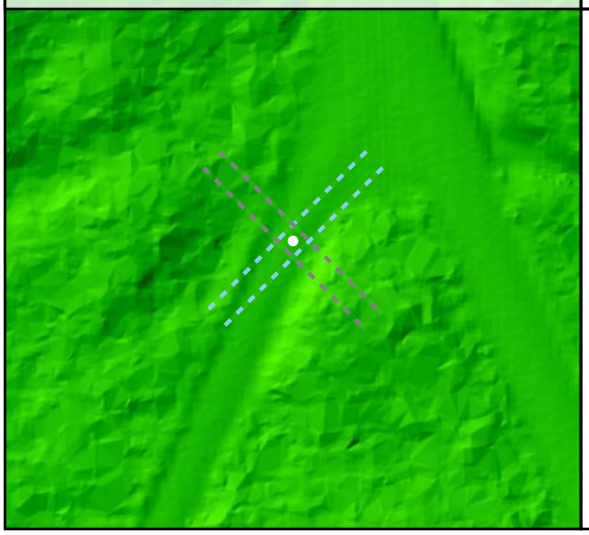
Southwest to Northeast



Intensity Raster

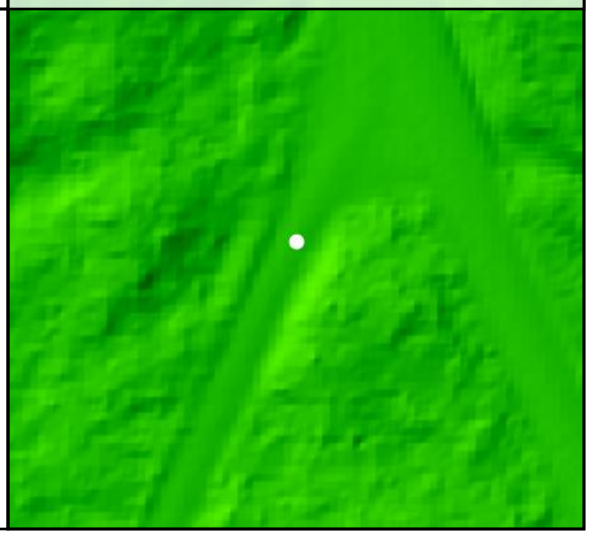


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

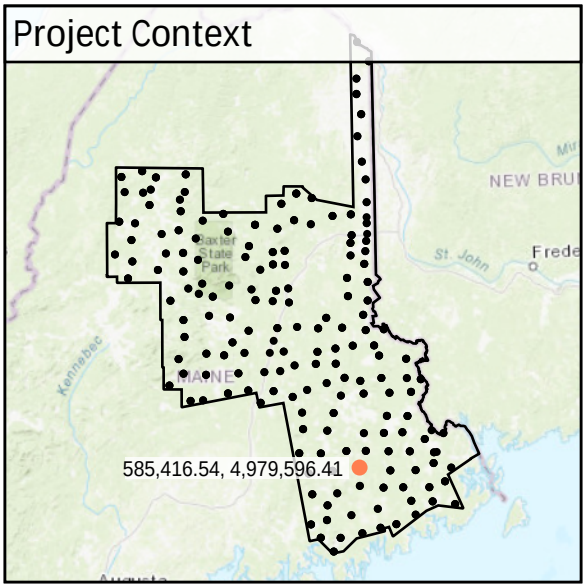
NVA - BE21

All Points TIN Dz -0.08 m

BE22

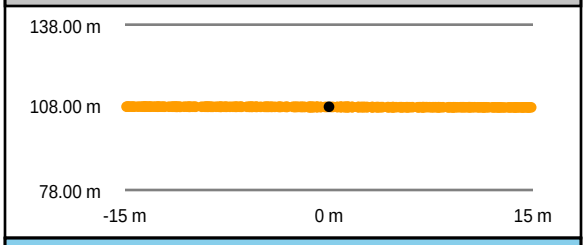
Known Z	108.20 m	Point Density	2.44 ppsm
DEM Dz	-0.07 m	Ground Density	2.44 ppsm
All Points TIN Dz	-0.07 m	Slope	0.86 °

Project Context

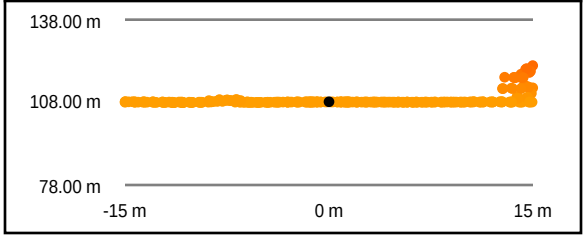


World Imagery

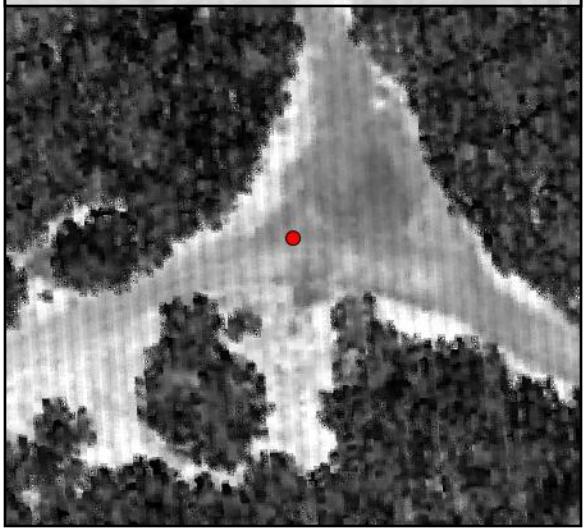
Southwest to Northeast



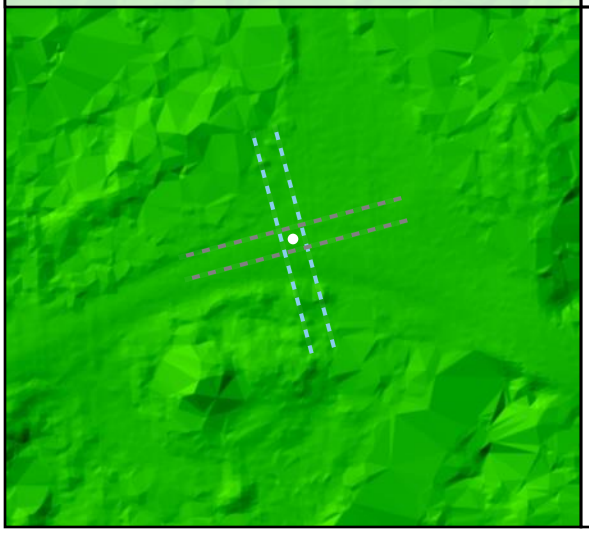
Southeast to Northwest



Intensity Raster

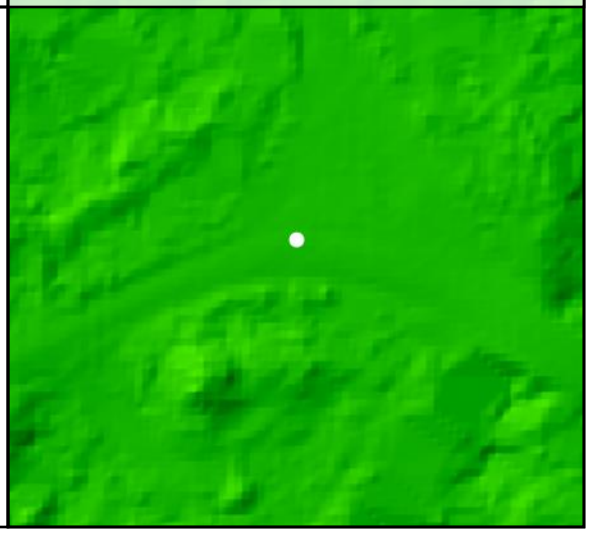


TIN Surface



Project Elevation

DEM Surface



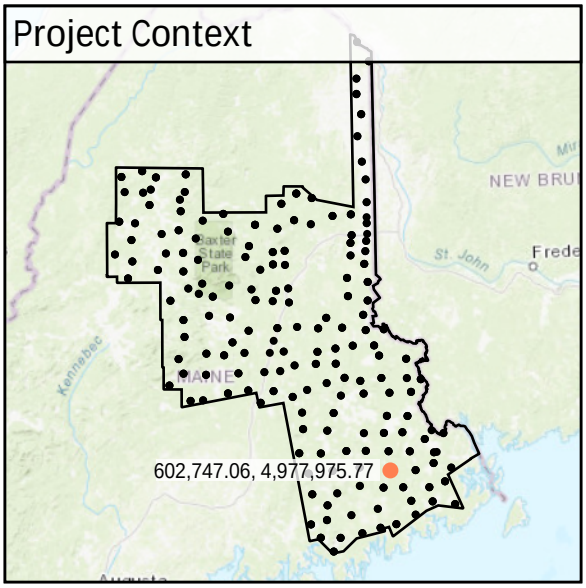
DEM Dz -0.07 m

NVA - BE22

All Points TIN Dz -0.07 m

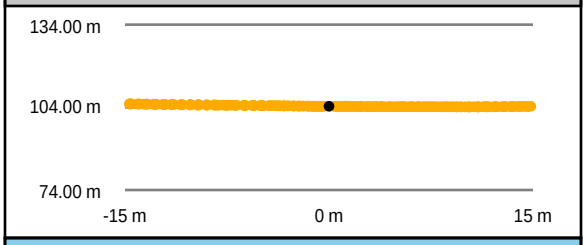
BE23				
	Known Z	104.39 m	Point Density	2.30 ppsm
	DEM Dz	-0.03 m	Ground Density	2.30 ppsm
	All Points TIN Dz	-0.02 m	Slope	2.41 °

Project Context

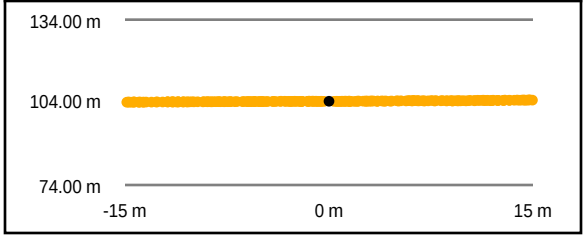


World Imagery

Southeast to Northwest

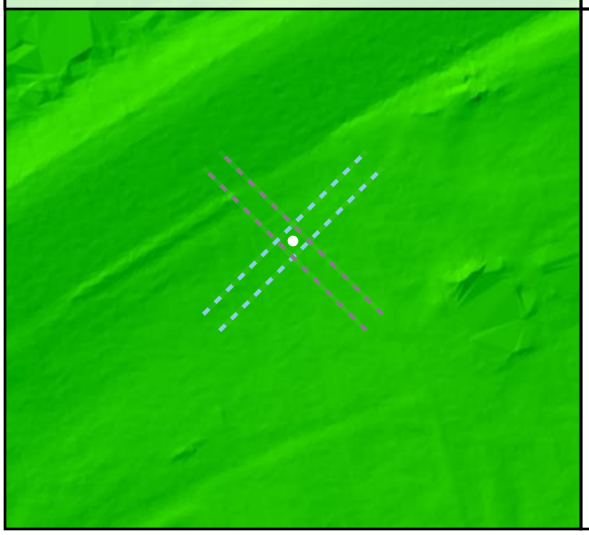


Southwest to Northeast



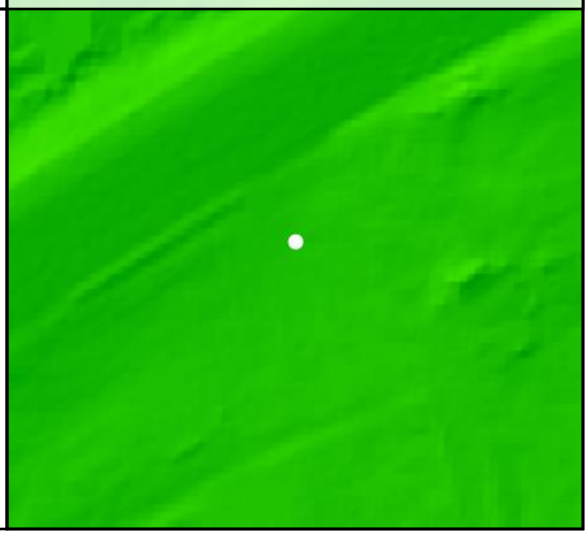
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

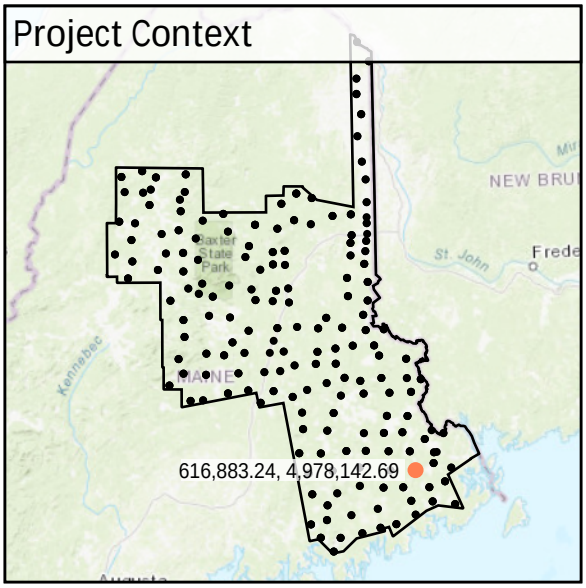
NVA - BE23

All Points TIN Dz -0.02 m

BE24

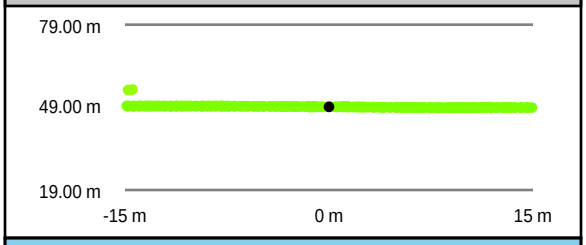
Known Z	49.17 m	Point Density	2.26 ppsm
DEM Dz	0.02 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.03 m	Slope	2.24 °

Project Context

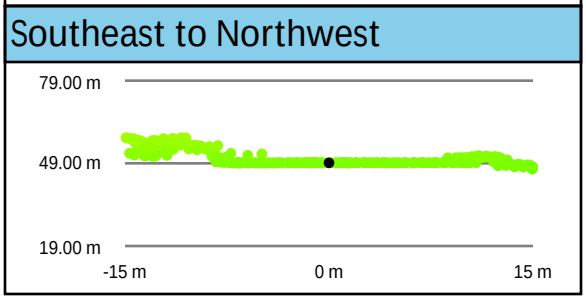


World Imagery

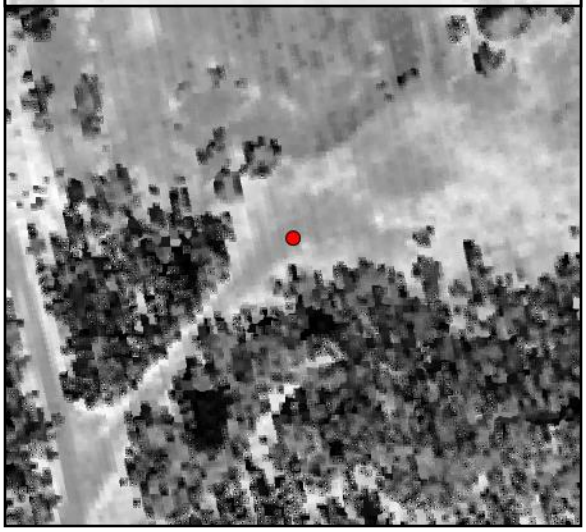
Southwest to Northeast



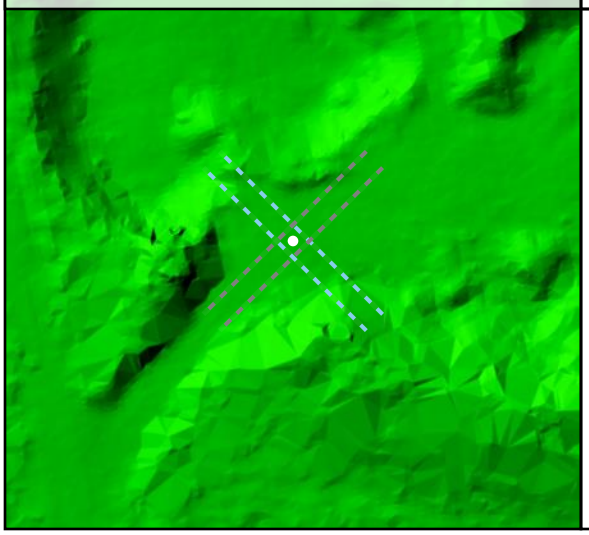
Southeast to Northwest



Intensity Raster

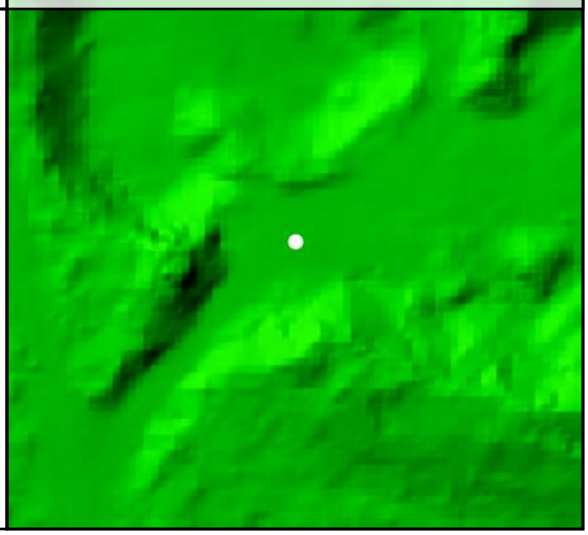


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

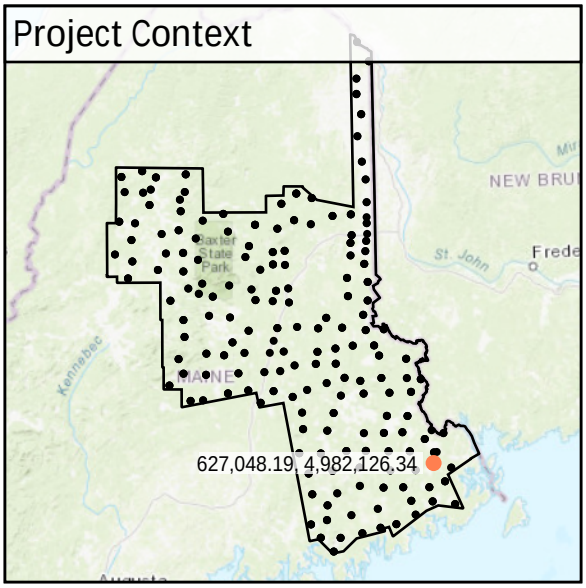
NVA - BE24

All Points TIN Dz +0.03 m

BE25

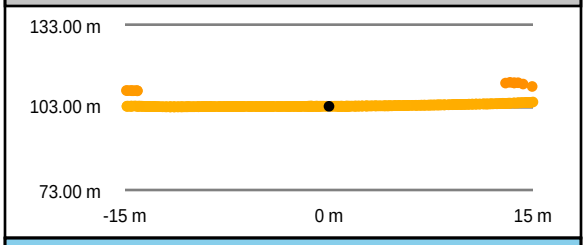
Known Z	103.37 m	Point Density	3.78 ppsm
DEM Dz	0.02 m	Ground Density	3.78 ppsm
All Points TIN Dz	0.01 m	Slope	1.69 °

Project Context

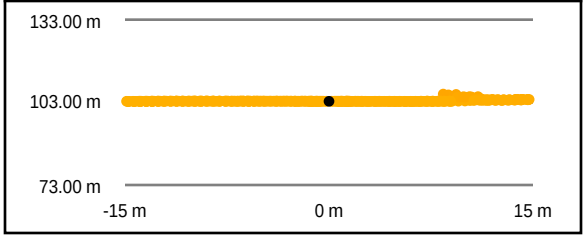


World Imagery

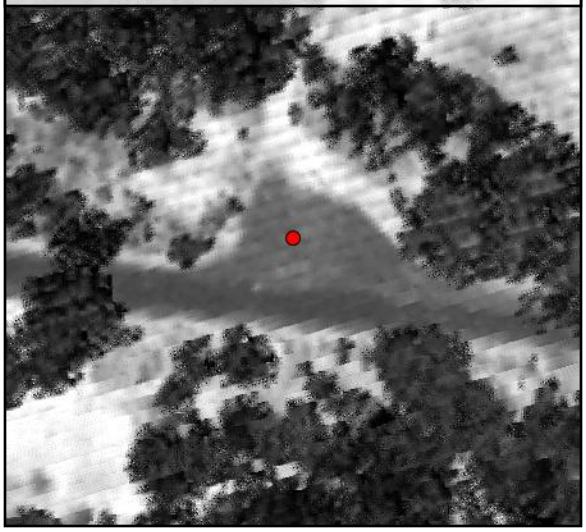
Southwest to Northeast



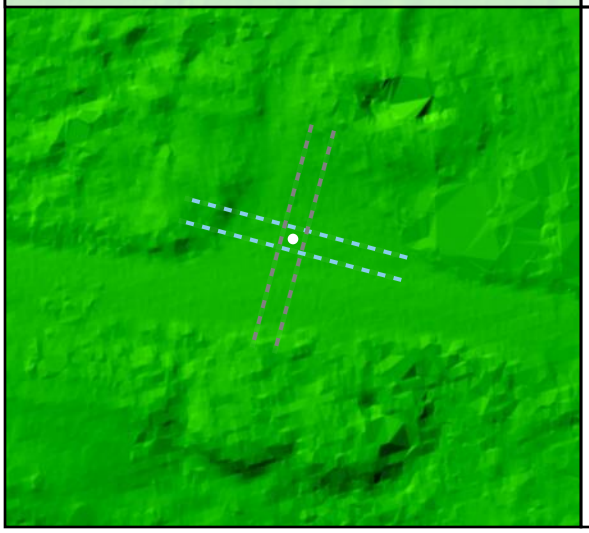
Southeast to Northwest



Intensity Raster

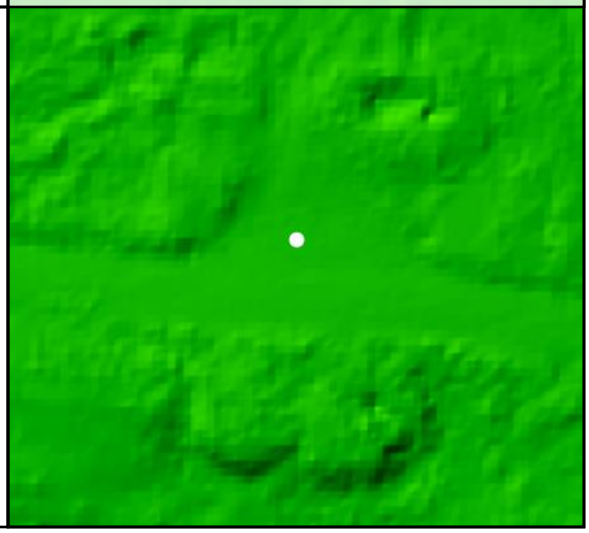


TIN Surface



Project Elevation

DEM Surface



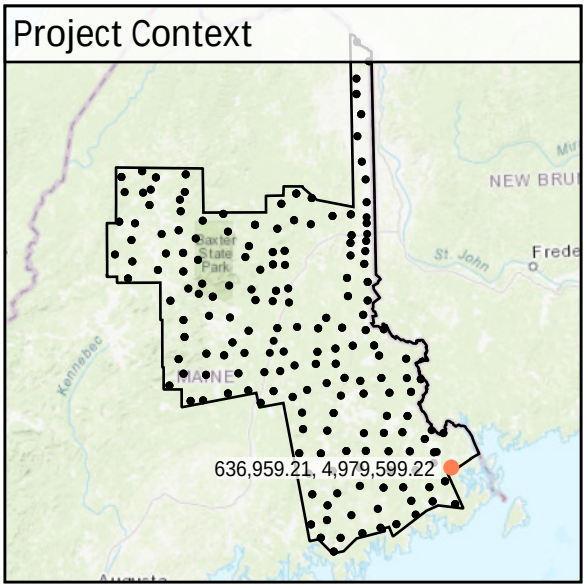
DEM Dz +0.02 m

NVA - BE25

All Points TIN Dz +0.01 m

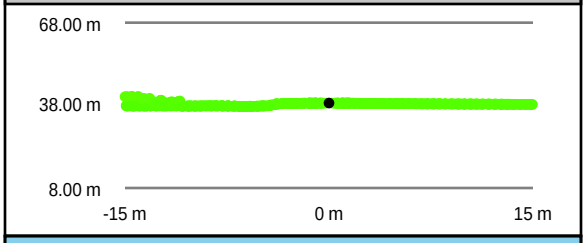
BE26				
	Known Z	38.83 m	Point Density	5.02 ppsm
	DEM Dz	-0.05 m	Ground Density	5.02 ppsm
	All Points TIN Dz	-0.04 m	Slope	0.29 °

Project Context



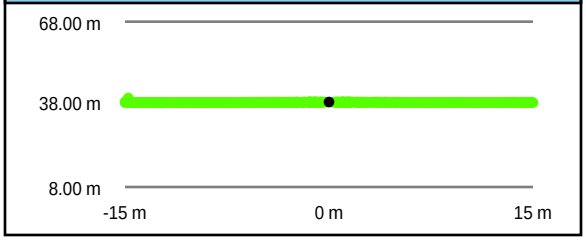
World Imagery

Southeast to Northwest

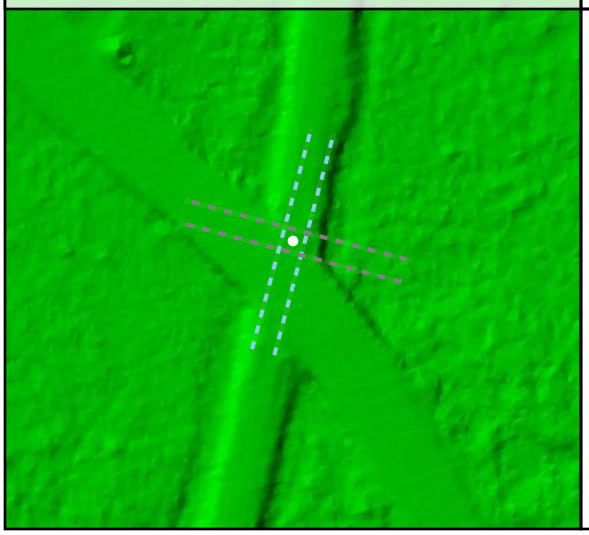


Intensity Raster

Southwest to Northeast

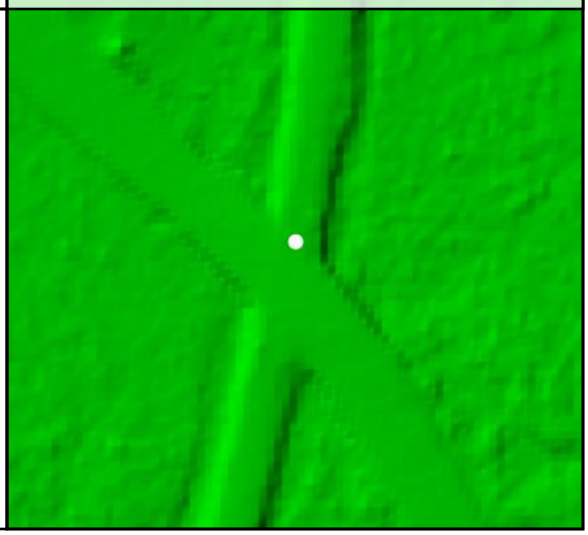


TIN Surface



Project Elevation

DEM Surface



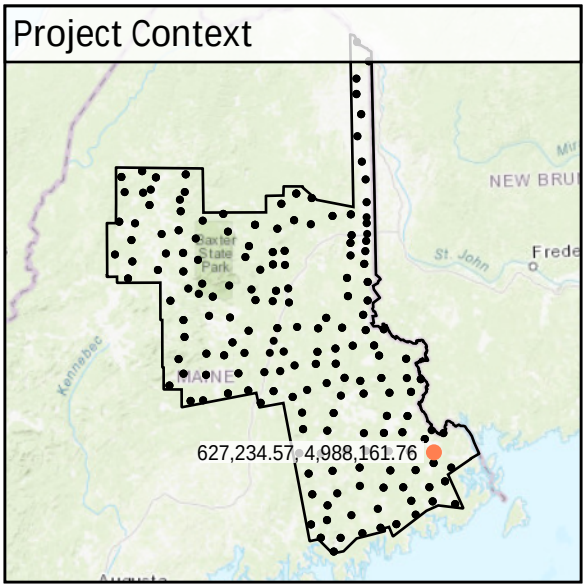
DEM Dz -0.05 m

NVA - BE26

All Points TIN Dz -0.04 m

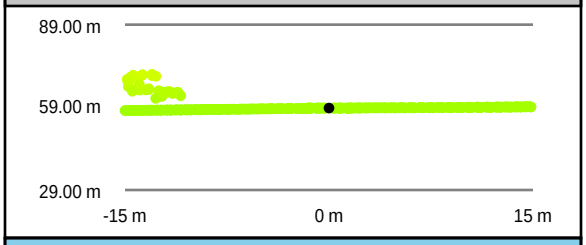
BE27				
	Known Z	58.73 m	Point Density	3.18 ppsm
	DEM Dz	-0.02 m	Ground Density	3.15 ppsm
	All Points TIN Dz	-0.01 m	Slope	2.52 °

Project Context

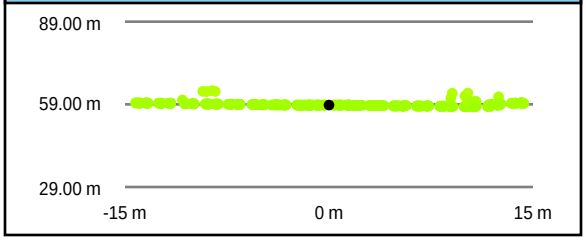


World Imagery

Southwest to Northeast

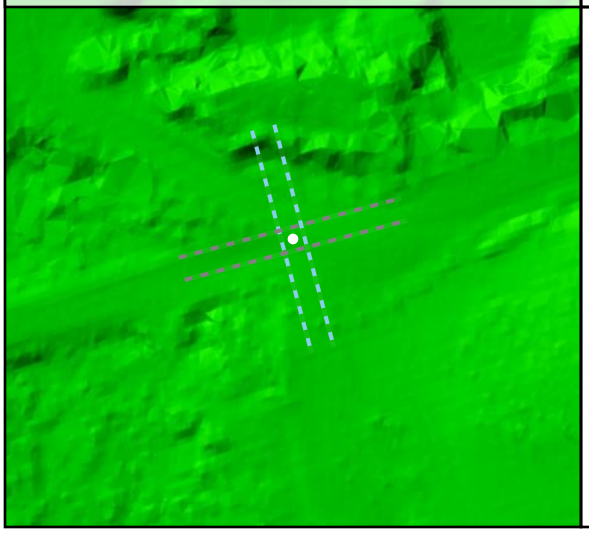


Southeast to Northwest



Intensity Raster

TIN Surface

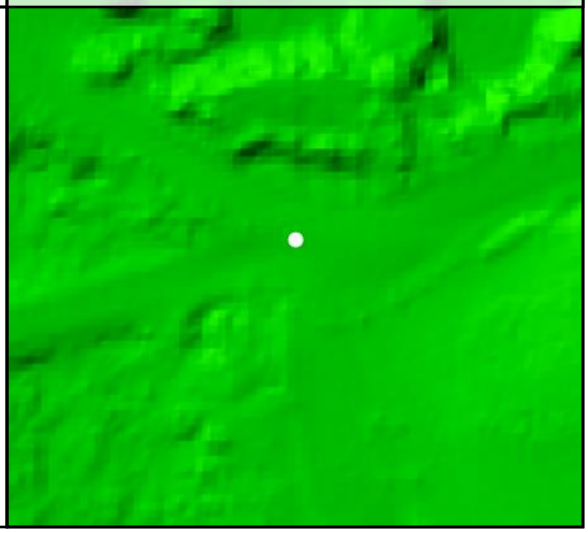


Project Elevation

148.87

16.77

DEM Surface



DEM Dz -0.02 m

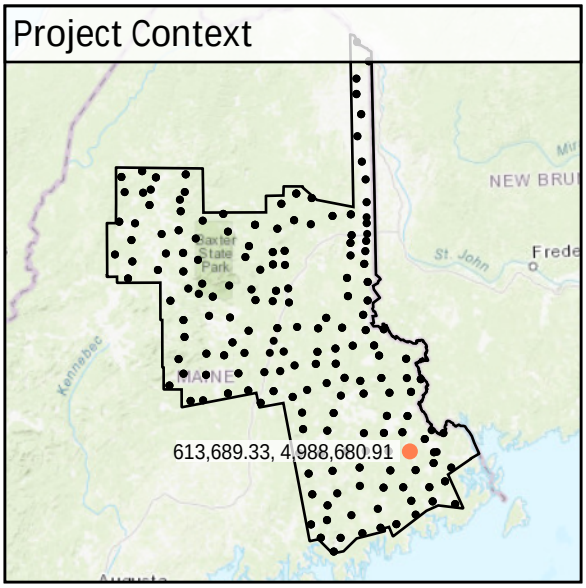
NVA - BE27

All Points TIN Dz -0.01 m

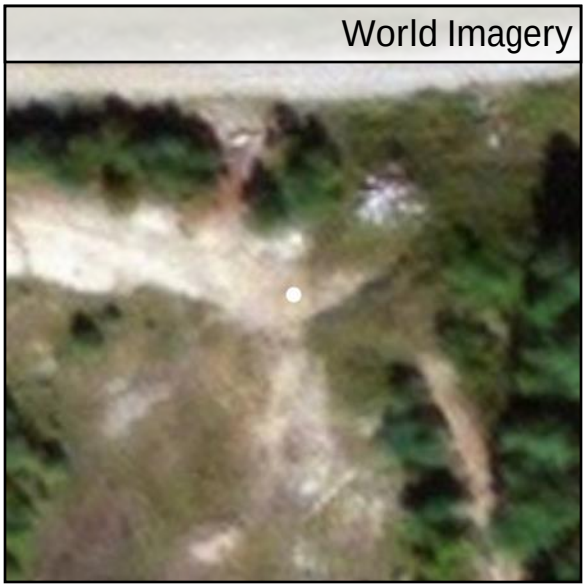
BE28

Known Z	70.47 m	Point Density	2.55 ppsm
DEM Dz	0.05 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.05 m	Slope	3.87 °

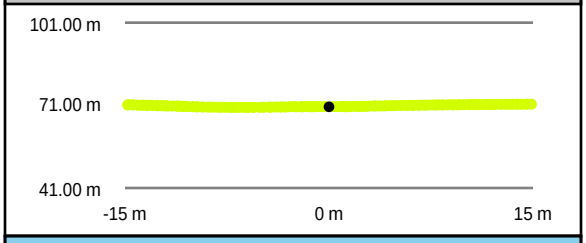
Project Context



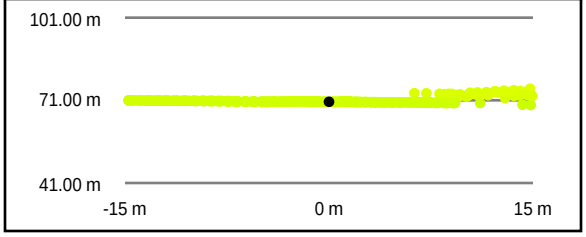
World Imagery



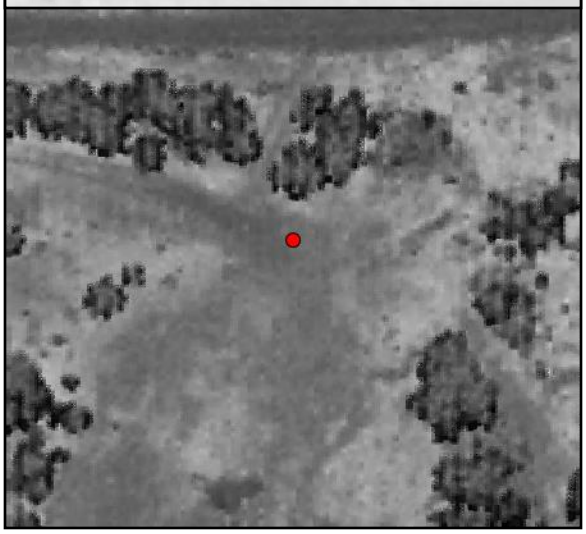
Southeast to Northwest



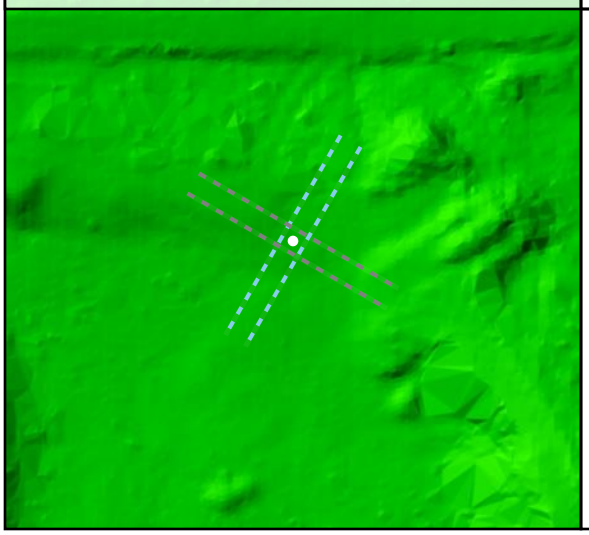
Southwest to Northeast



Intensity Raster

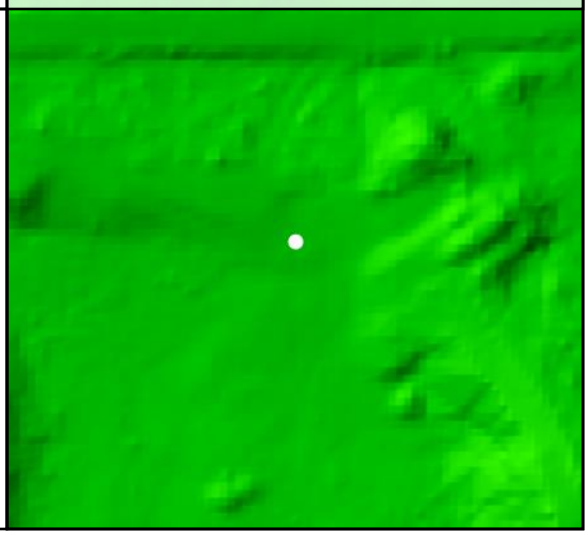


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

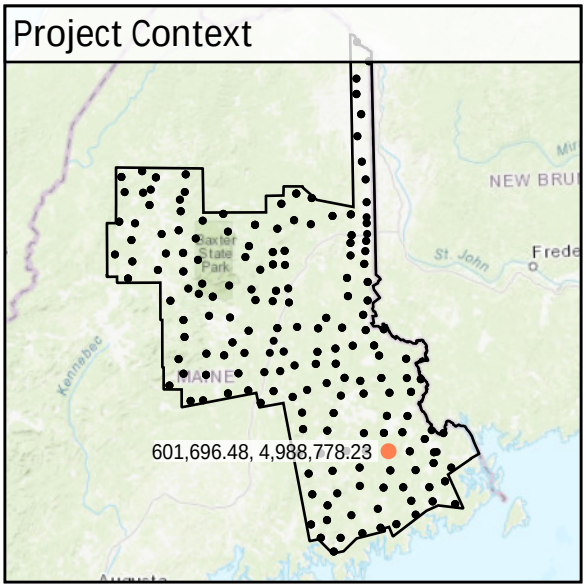
NVA - BE28

All Points TIN Dz +0.05 m

BE29

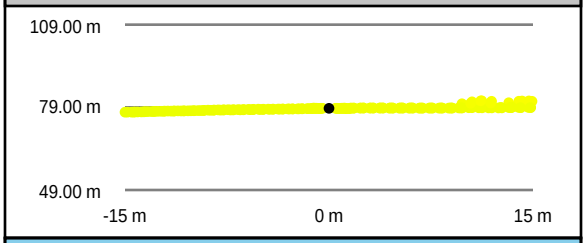
Known Z	78.64 m	Point Density	2.41 ppsm
DEM Dz	-0.01 m	Ground Density	2.41 ppsm
All Points TIN Dz	-0.01 m	Slope	3.49 °

Project Context

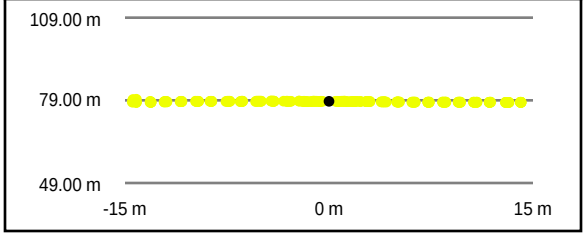


World Imagery

South to North

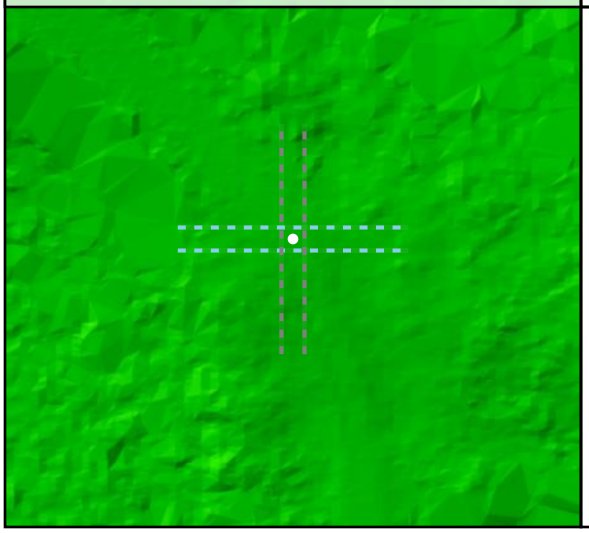


West to East



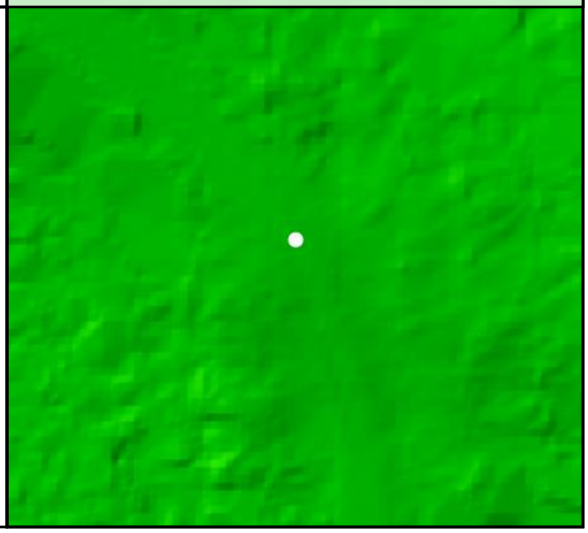
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

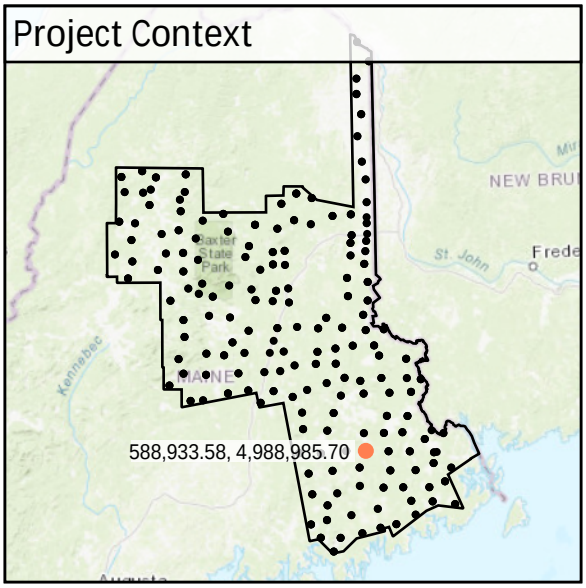


All Points TIN Dz -0.01 m NVA - BE29 DEM Dz -0.01 m

BE30

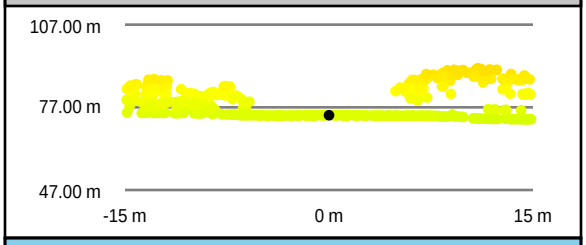
Known Z	74.13 m	Point Density	2.30 ppsm
DEM Dz	-0.01 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.00 m	Slope	1.20 °

Project Context

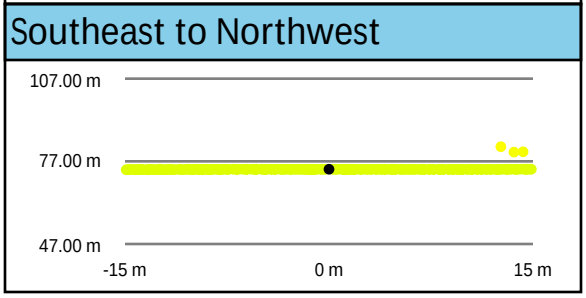


World Imagery

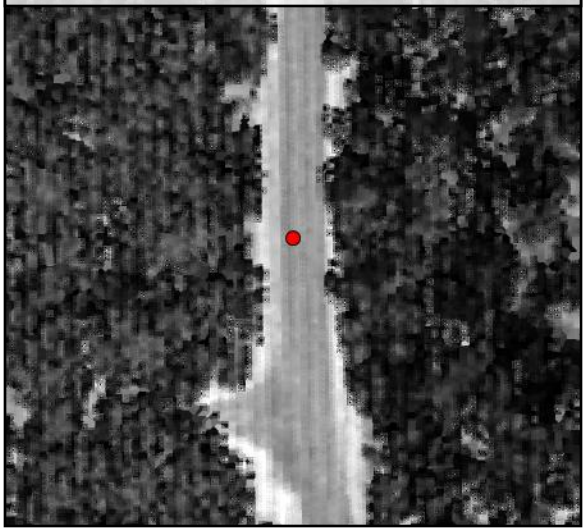
Southwest to Northeast



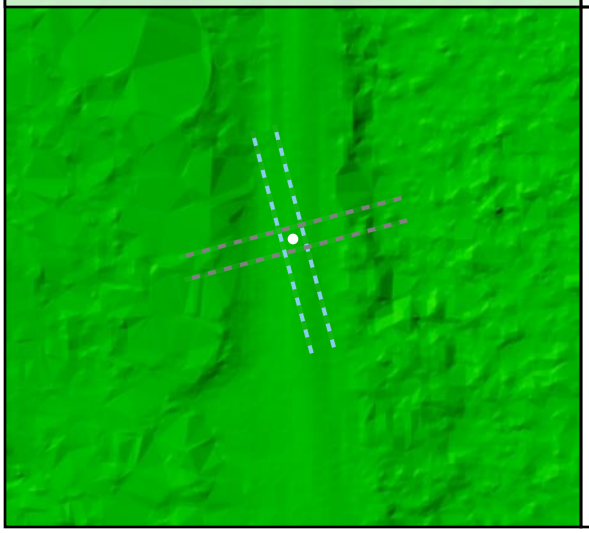
Southeast to Northwest



Intensity Raster

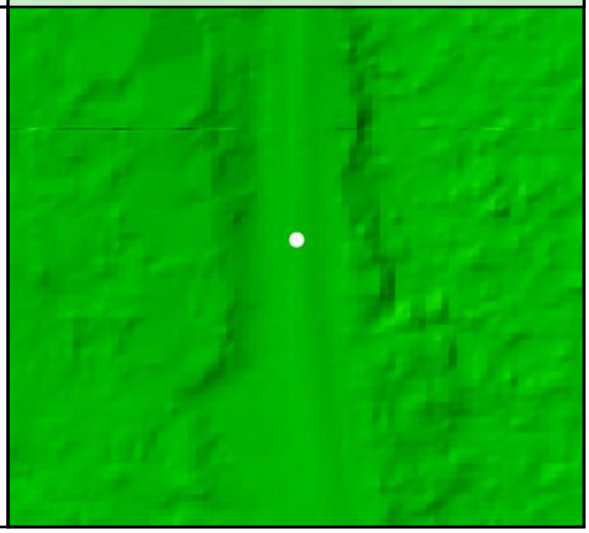


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

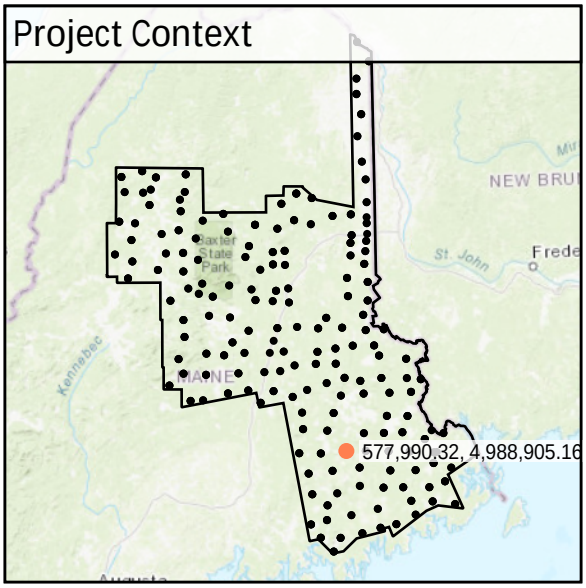
NVA - BE30

All Points TIN Dz 0.00 m

BE31

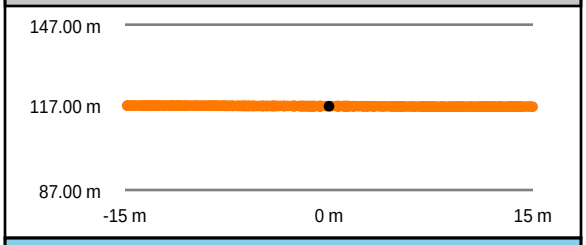
Known Z	117.40 m	Point Density	2.55 ppsm
DEM Dz	0.02 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.01 m	Slope	0.77 °

Project Context

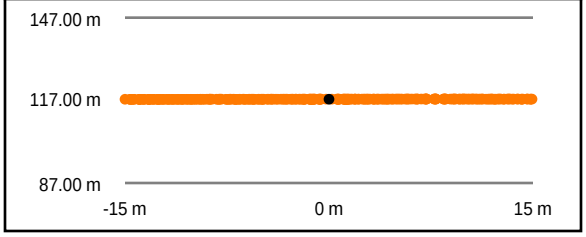


World Imagery

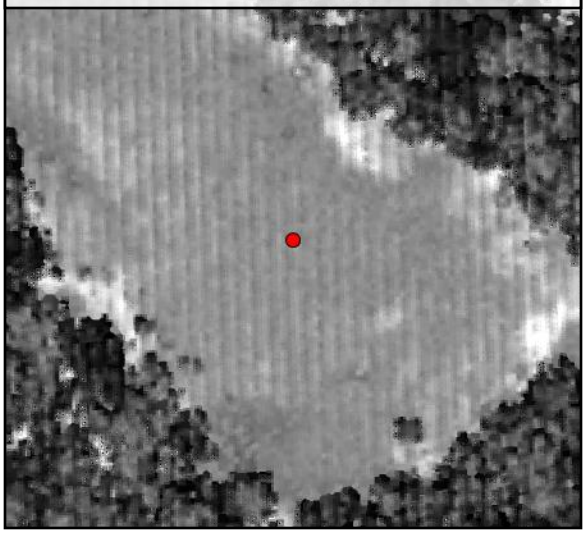
Southeast to Northwest



Southwest to Northeast



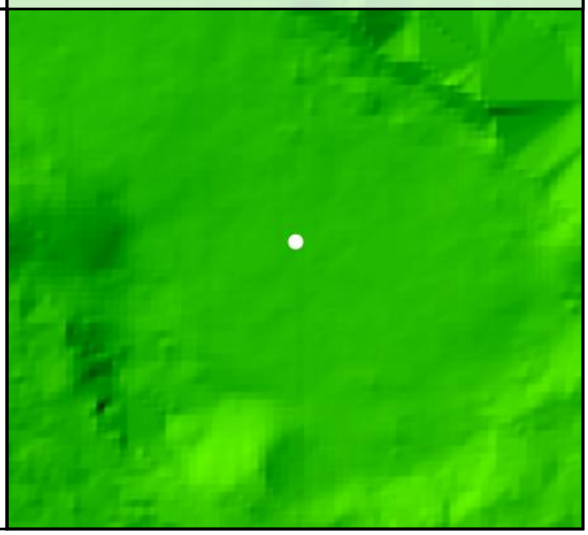
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz +0.02 m

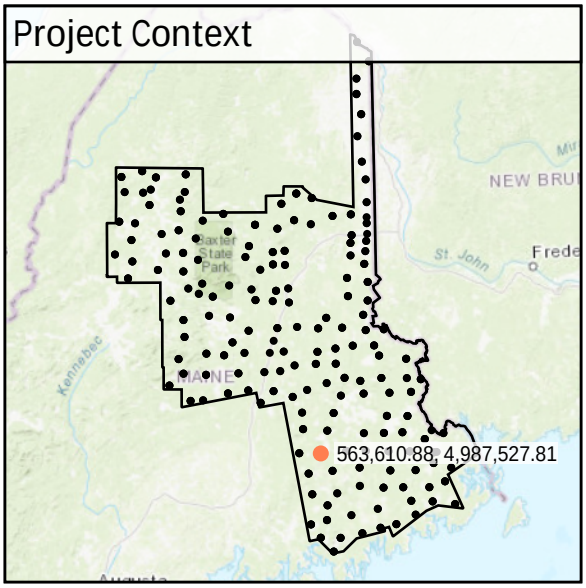
NVA - BE31

All Points TIN Dz +0.01 m

BE32

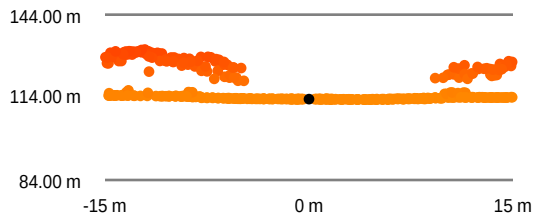
Known Z	113.35 m	Point Density	2.97 ppsm
DEM Dz	0.00 m	Ground Density	2.97 ppsm
All Points TIN Dz	0.01 m	Slope	2.49 °

Project Context

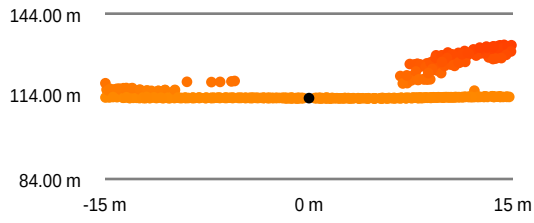


World Imagery

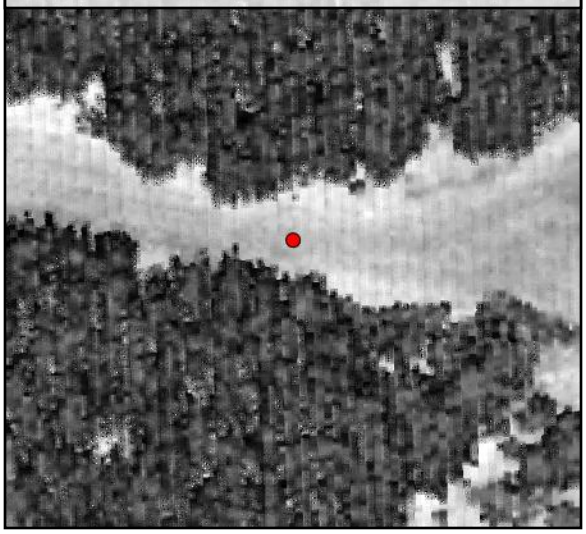
Southwest to Northeast



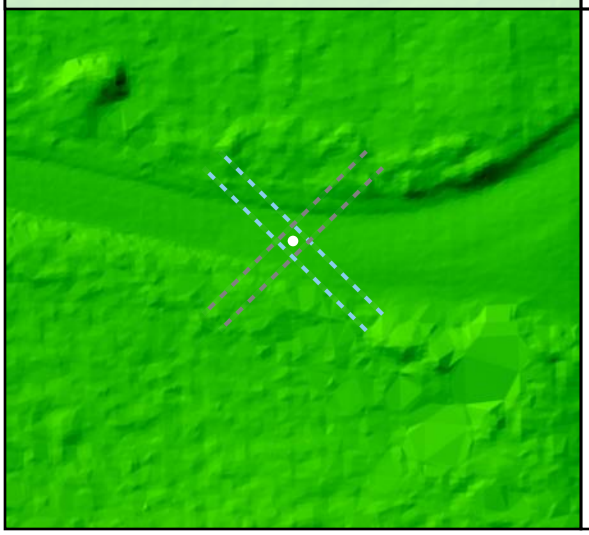
Southeast to Northwest



Intensity Raster



TIN Surface

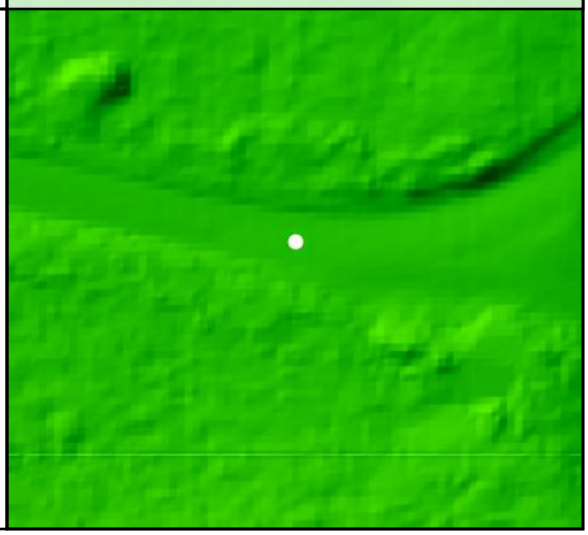


Project Elevation

148.87

16.77

DEM Surface



DEM Dz +0.00 m

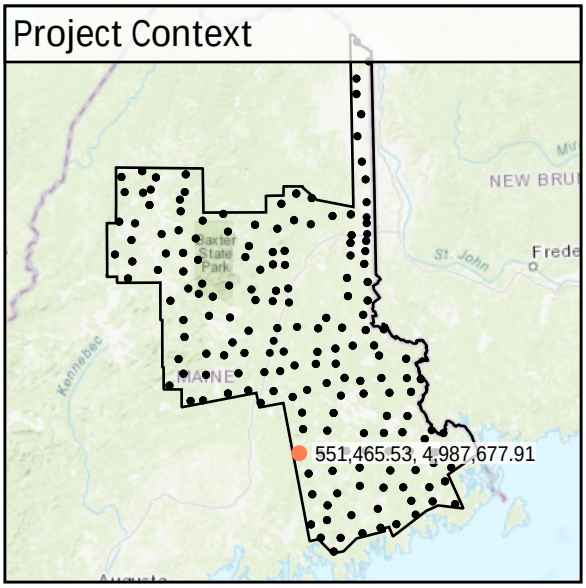
NVA - BE32

All Points TIN Dz +0.01 m

BE33

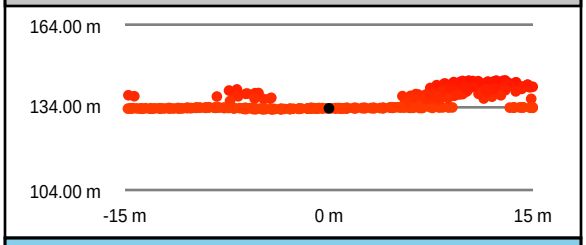
Known Z	133.63 m	Point Density	2.76 ppsm
DEM Dz	0.02 m	Ground Density	2.76 ppsm
All Points TIN Dz	0.02 m	Slope	3.94 °

Project Context

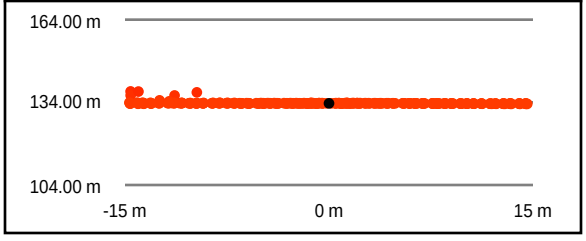


World Imagery

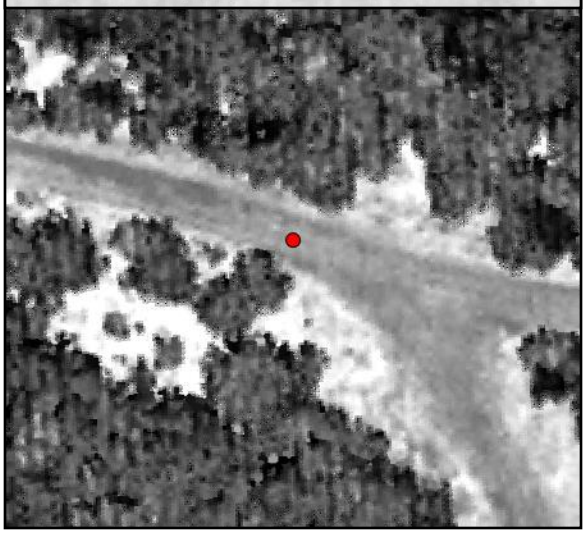
South to North



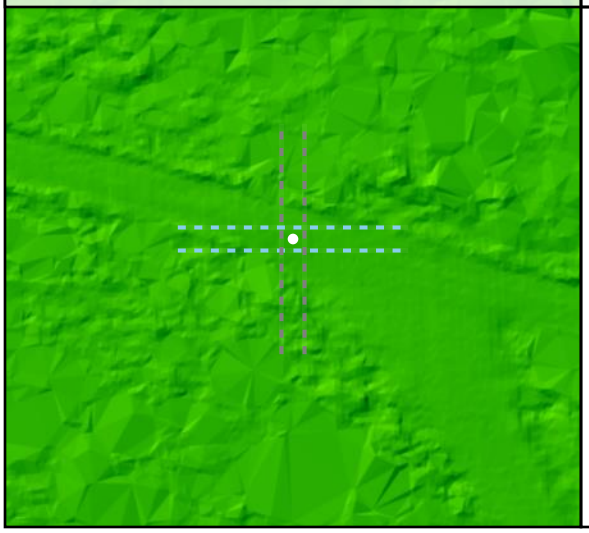
West to East



Intensity Raster

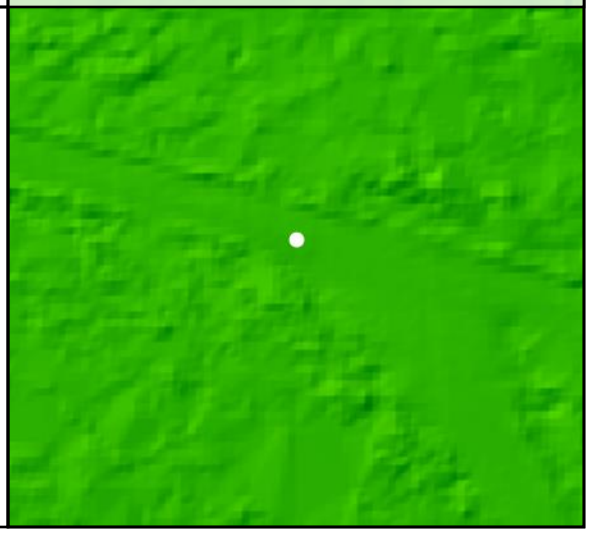


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

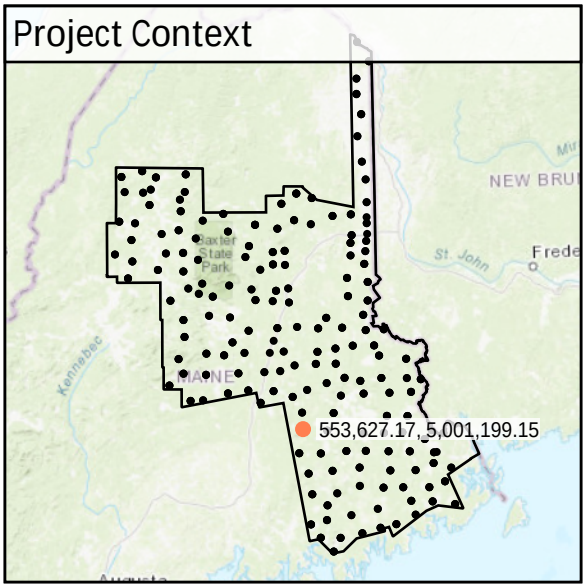
NVA - BE33

All Points TIN Dz +0.02 m

BE34

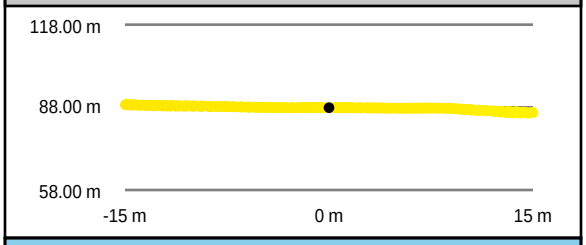
Known Z	87.87 m	Point Density	2.90 ppsm
DEM Dz	-0.01 m	Ground Density	2.90 ppsm
All Points TIN Dz	-0.01 m	Slope	0.81 °

Project Context

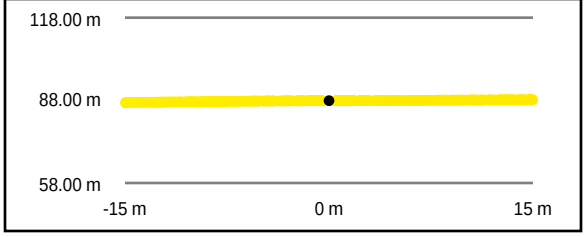


World Imagery

Southeast to Northwest

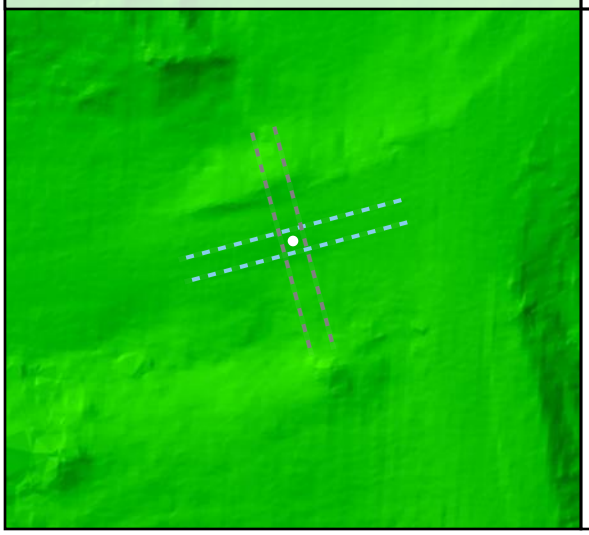


Southwest to Northeast



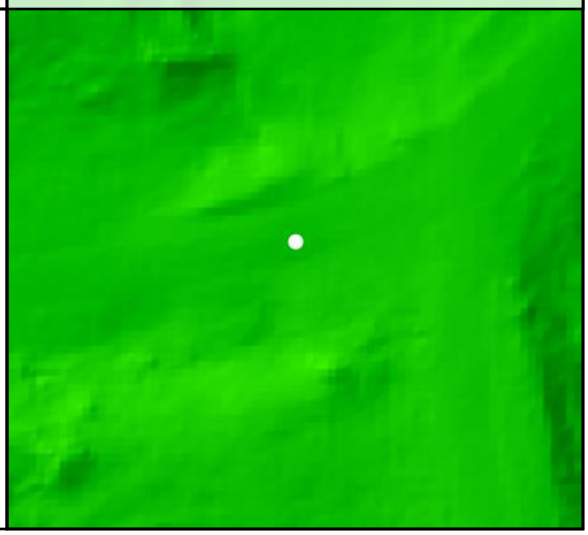
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



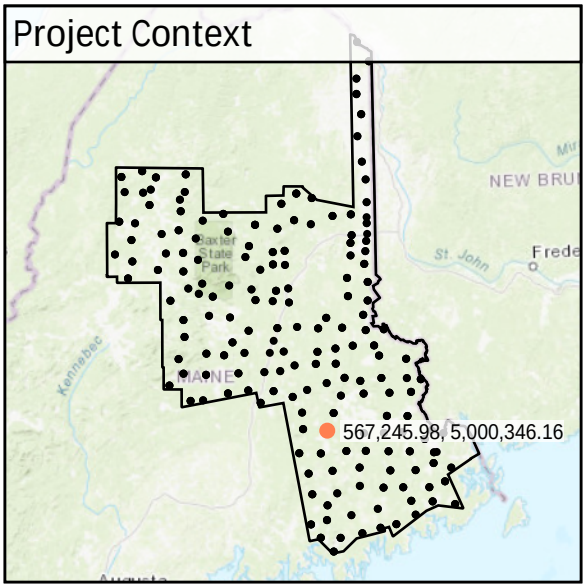
DEM Dz -0.01 m

NVA - BE34

All Points TIN Dz -0.01 m

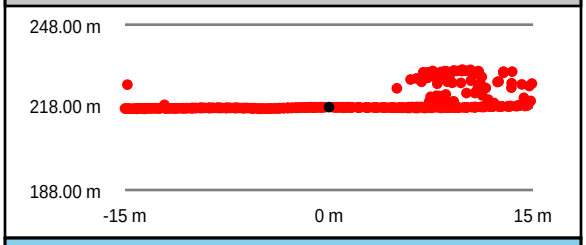
BE35				
	Known Z	218.08 m	Point Density	2.76 ppsm
	DEM Dz	-0.06 m	Ground Density	2.76 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.22 °

Project Context

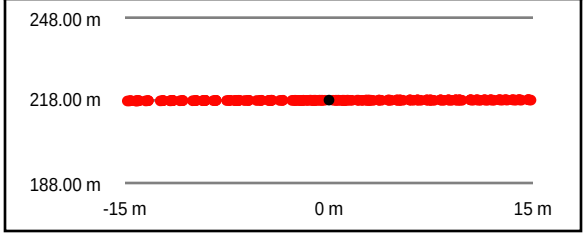


World Imagery

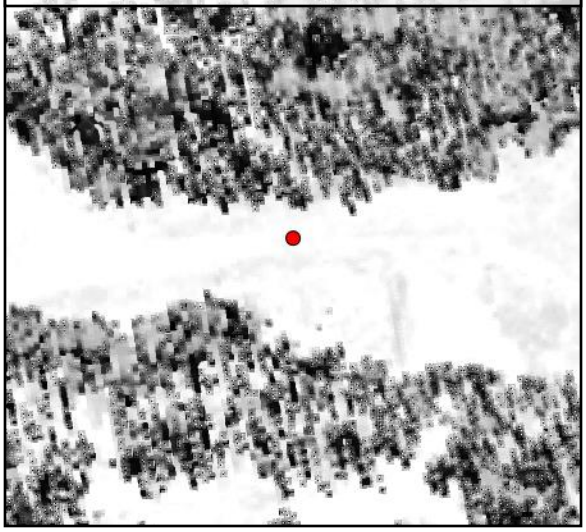
Southeast to Northwest



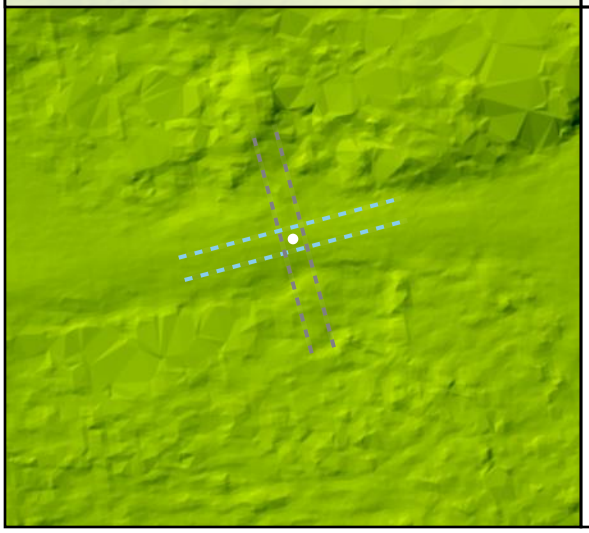
Southwest to Northeast



Intensity Raster

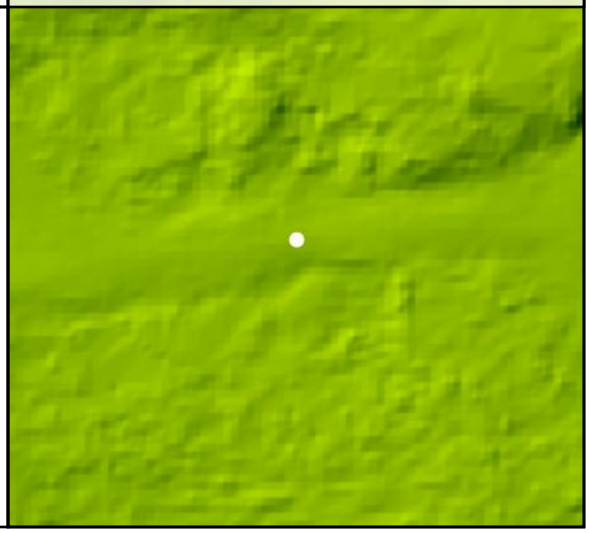


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

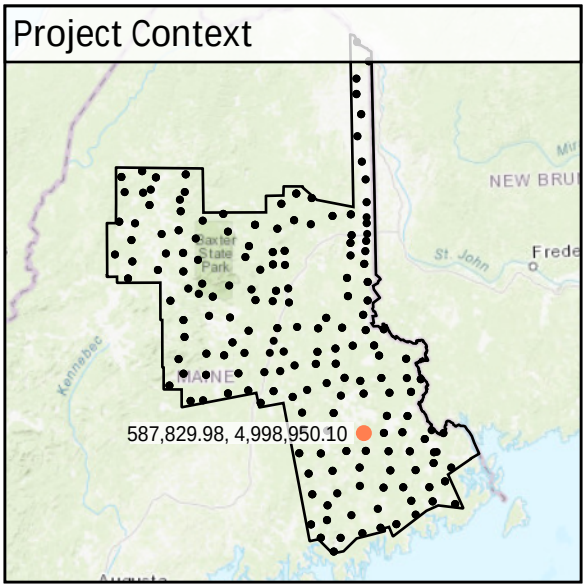
NVA - BE35

All Points TIN Dz -0.05 m

BE36

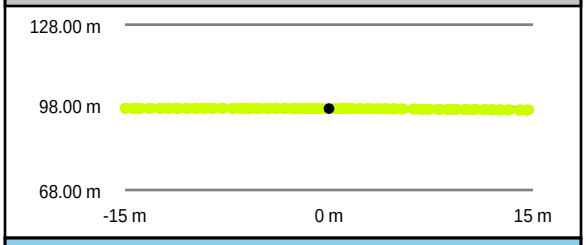
Known Z	97.55 m	Point Density	2.26 ppsm
DEM Dz	-0.03 m	Ground Density	2.26 ppsm
All Points TIN Dz	-0.03 m	Slope	0.68 °

Project Context

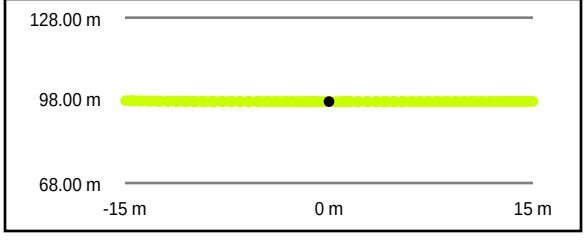


World Imagery

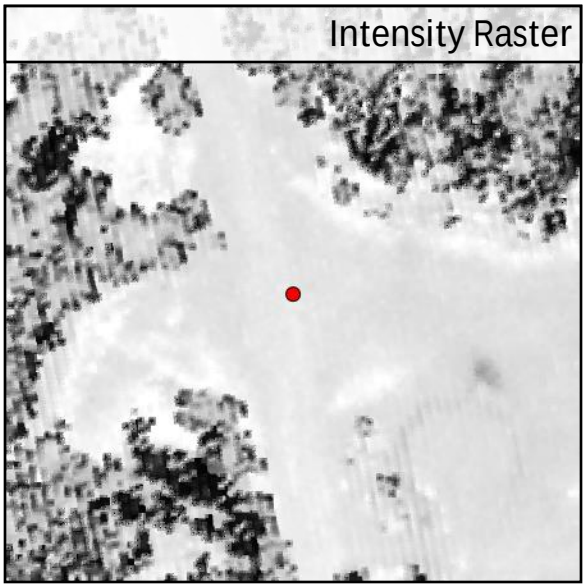
Southwest to Northeast



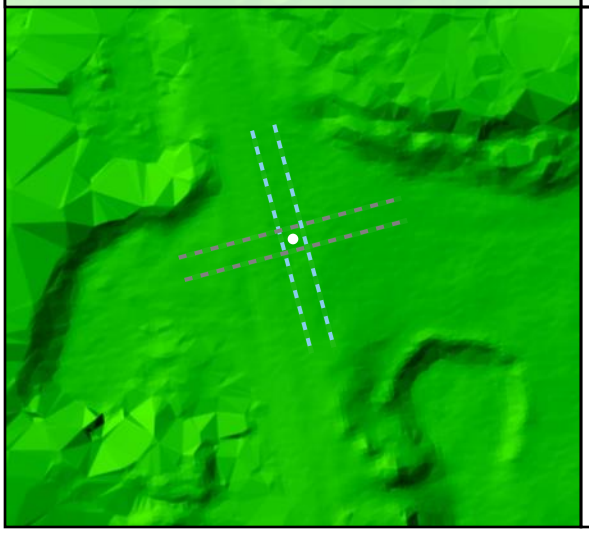
Southeast to Northwest



Intensity Raster

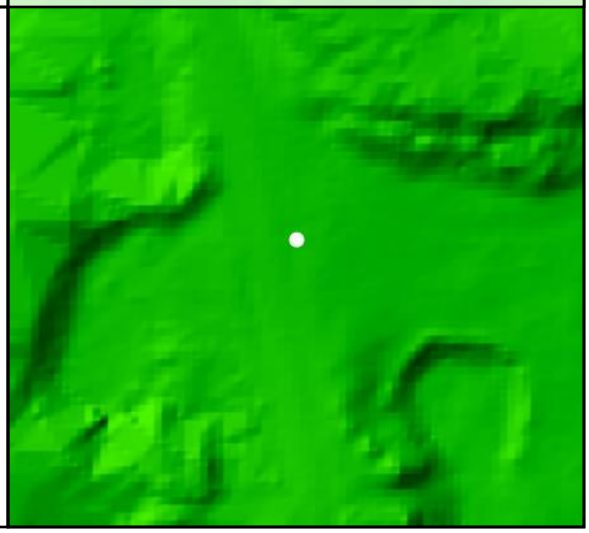


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

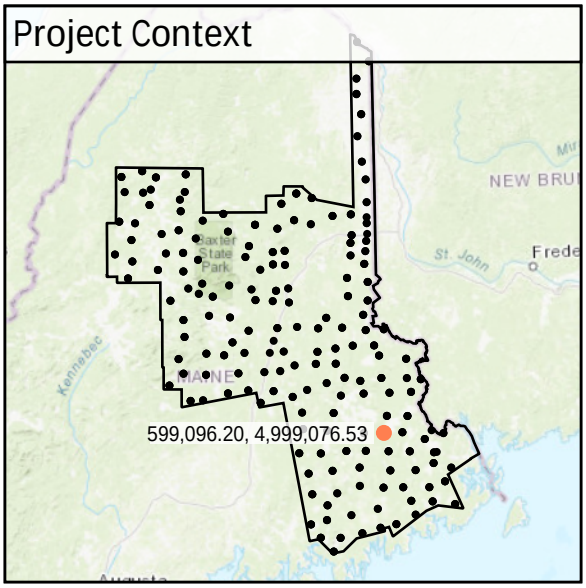
NVA - BE36

All Points TIN Dz -0.03 m

BE37

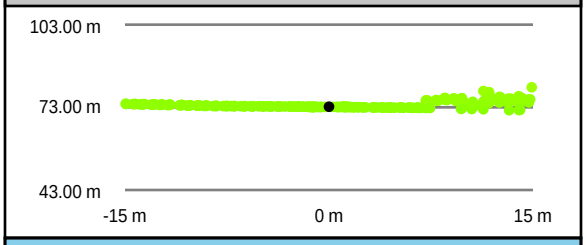
Known Z	73.22 m	Point Density	1.95 ppsm
DEM Dz	-0.07 m	Ground Density	1.95 ppsm
All Points TIN Dz	-0.07 m	Slope	3.57 °

Project Context

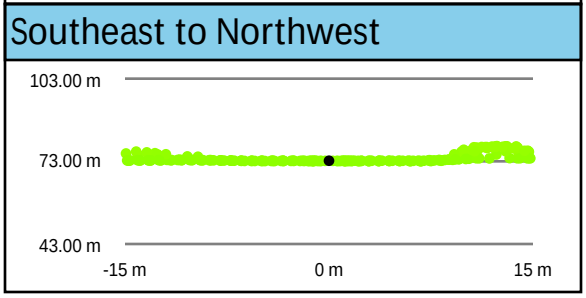


World Imagery

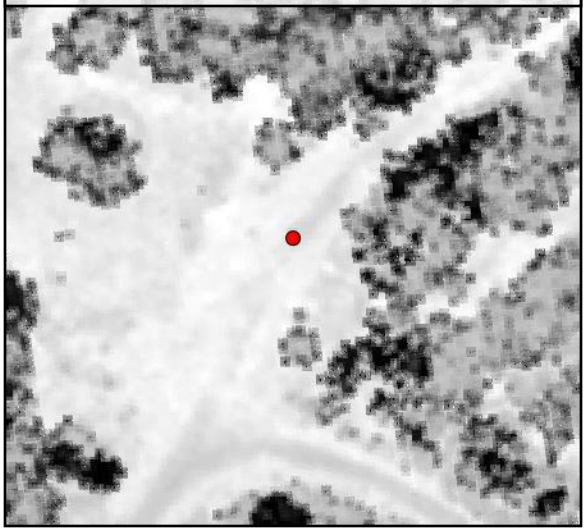
Southwest to Northeast



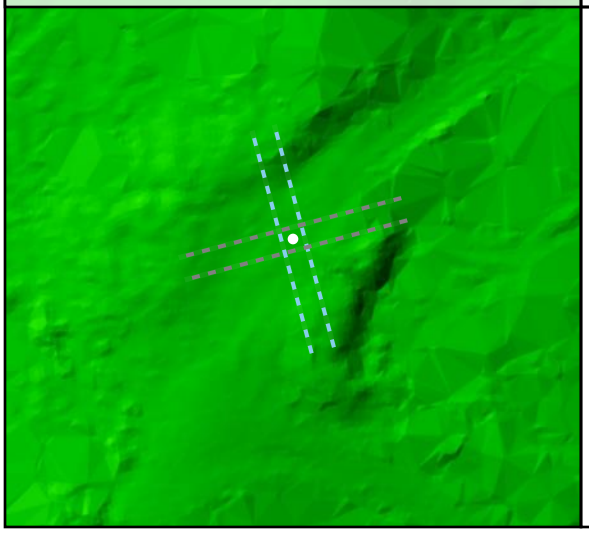
Southeast to Northwest



Intensity Raster

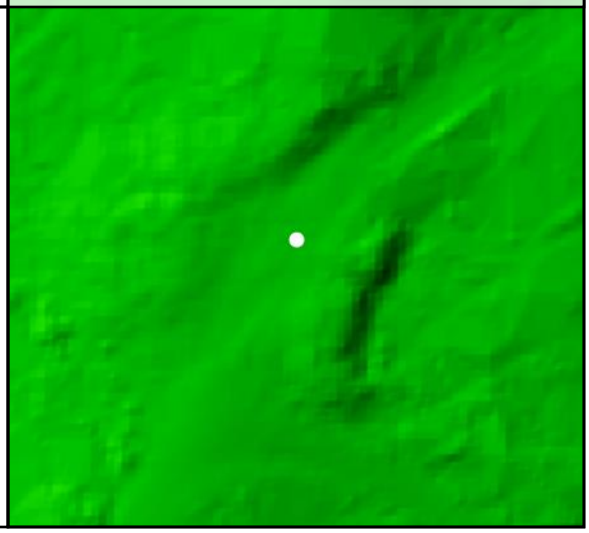


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

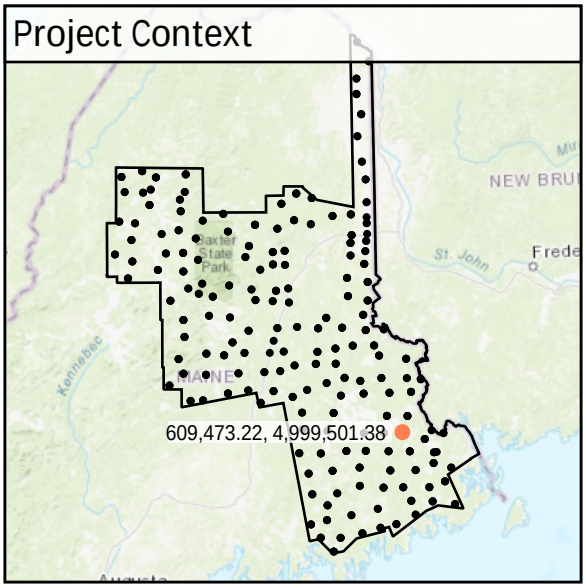
NVA - BE37

All Points TIN Dz -0.07 m

BE38

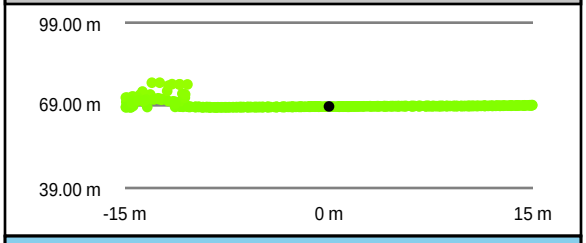
Known Z	68.60 m	Point Density	3.08 ppsm
DEM Dz	-0.06 m	Ground Density	3.08 ppsm
All Points TIN Dz	-0.06 m	Slope	2.32 °

Project Context



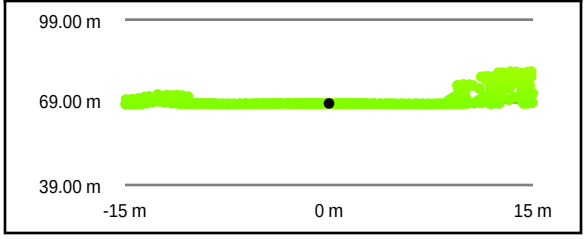
World Imagery

Southeast to Northwest

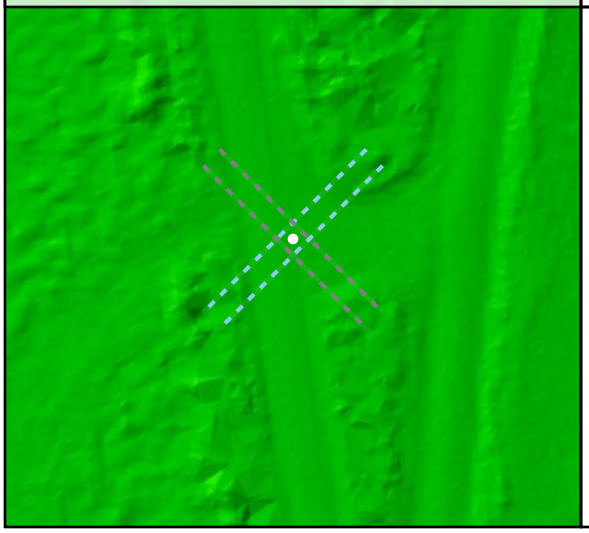


Intensity Raster

Southwest to Northeast

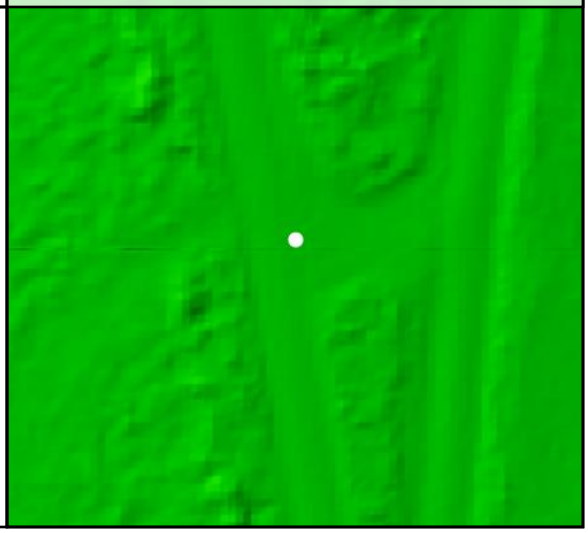


TIN Surface



Project Elevation

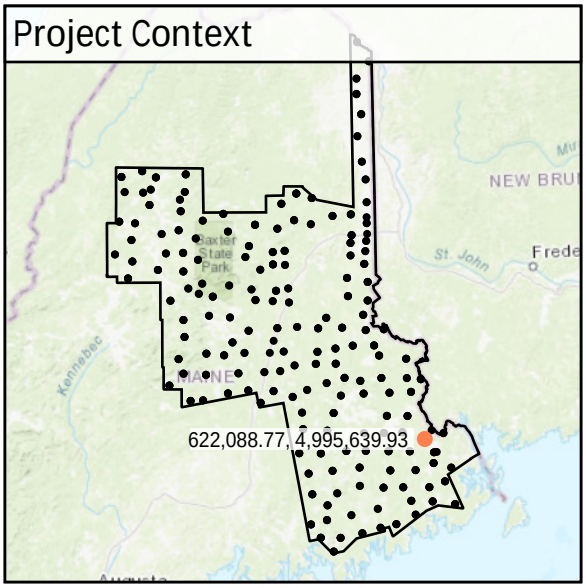
DEM Surface



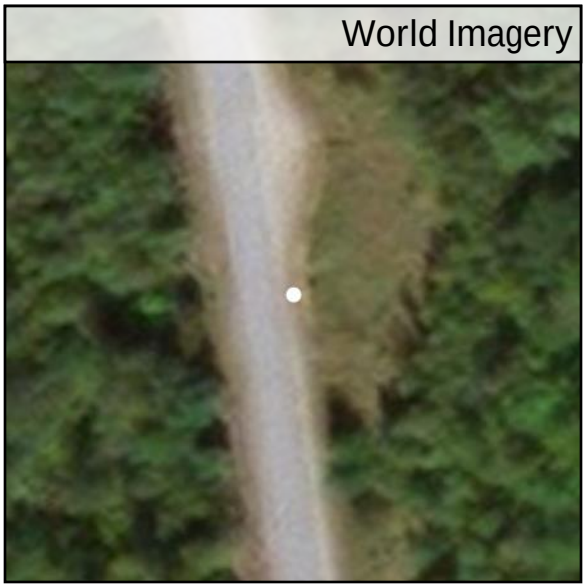
All Points TIN Dz -0.06 m NVA - BE38 DEM Dz -0.06 m

BE39				
	Known Z	61.33 m	Point Density	2.58 ppsm
	DEM Dz	0.03 m	Ground Density	2.58 ppsm
	All Points TIN Dz	0.02 m	Slope	2.44 °

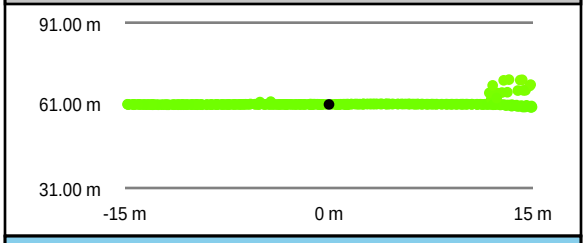
Project Context



World Imagery

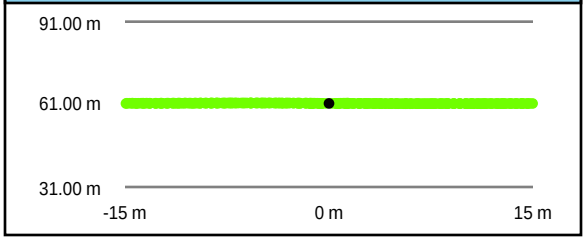


Southeast to Northwest

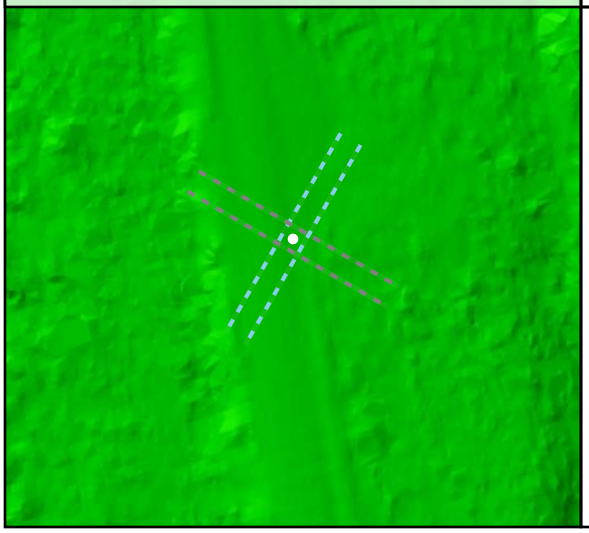


Intensity Raster

Southwest to Northeast

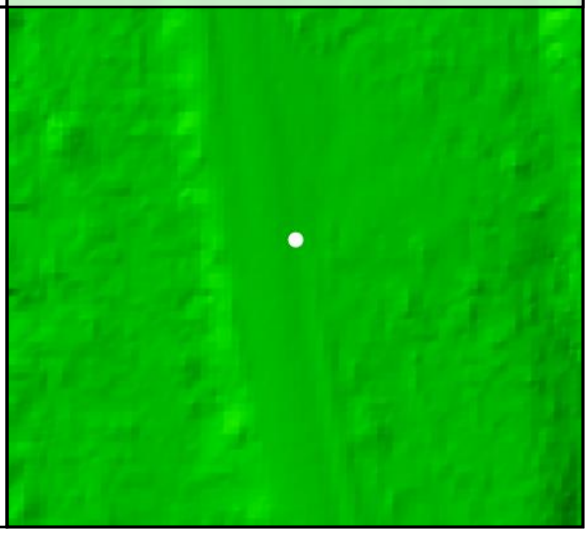


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

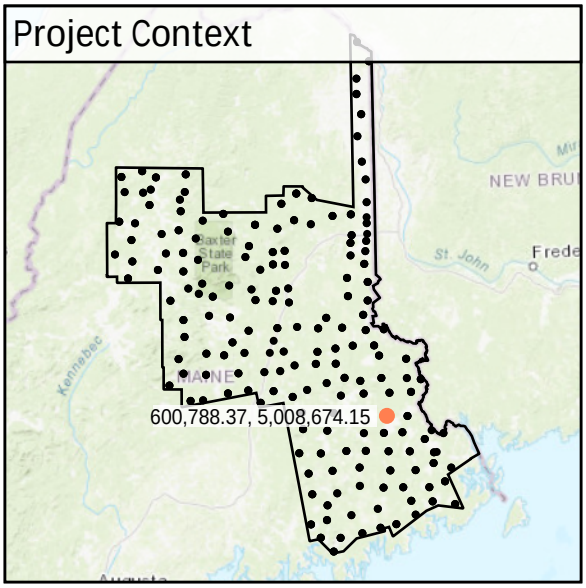
NVA - BE39

All Points TIN Dz +0.02 m

BE40

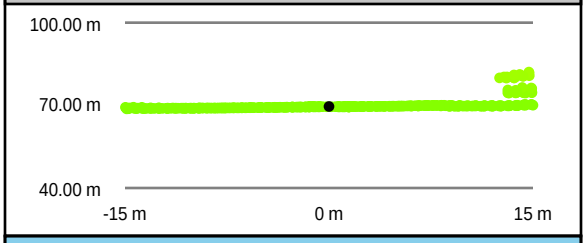
Known Z	69.58 m	Point Density	2.90 ppsm
DEM Dz	-0.09 m	Ground Density	2.90 ppsm
All Points TIN Dz	-0.08 m	Slope	2.52 °

Project Context

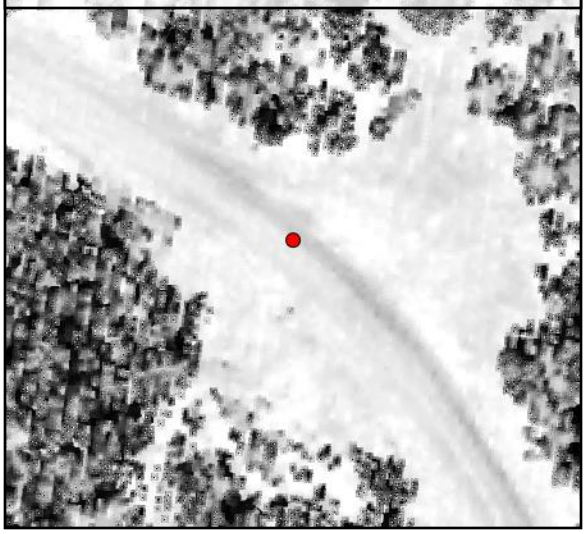


World Imagery

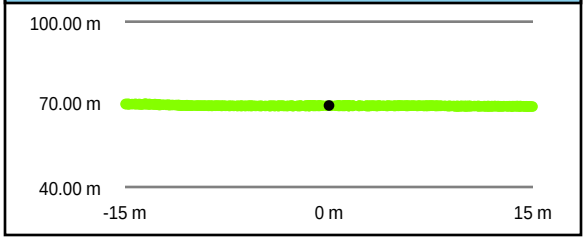
Southeast to Northwest



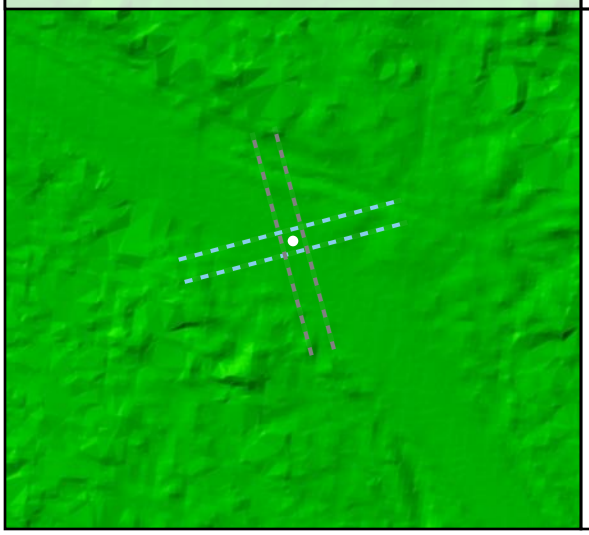
Intensity Raster



Southwest to Northeast

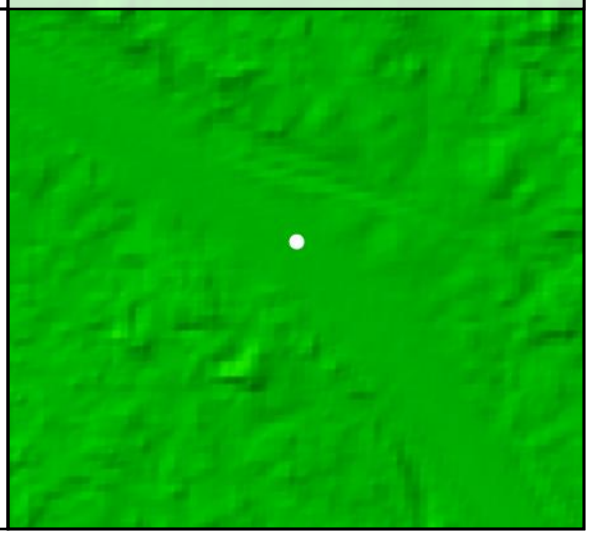


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.09 m

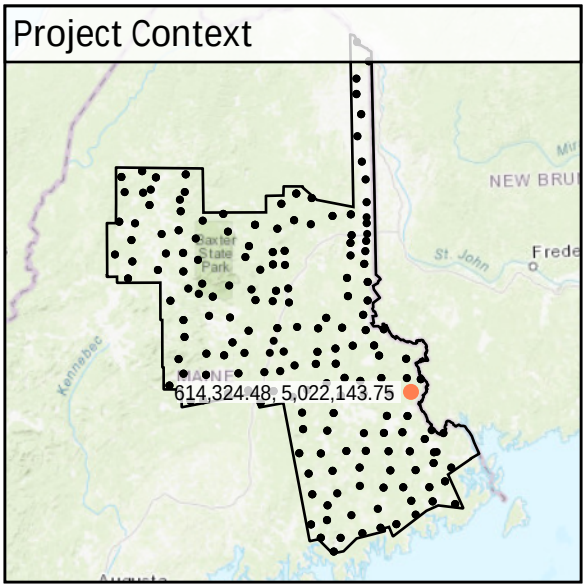
NVA - BE40

All Points TIN Dz -0.08 m

BE41

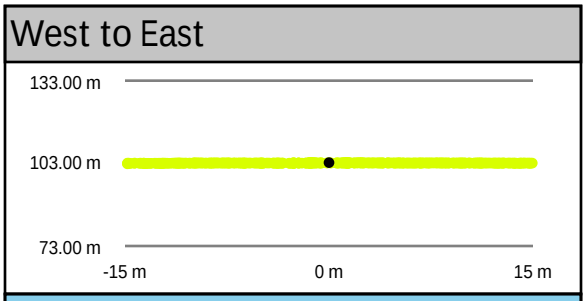
Known Z	103.26 m	Point Density	3.82 ppsm
DEM Dz	-0.11 m	Ground Density	3.71 ppsm
All Points TIN Dz	-0.11 m	Slope	1.57 °

Project Context

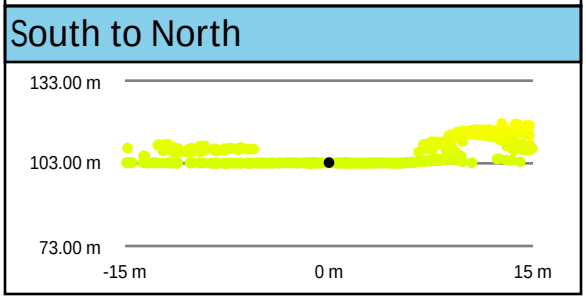


World Imagery

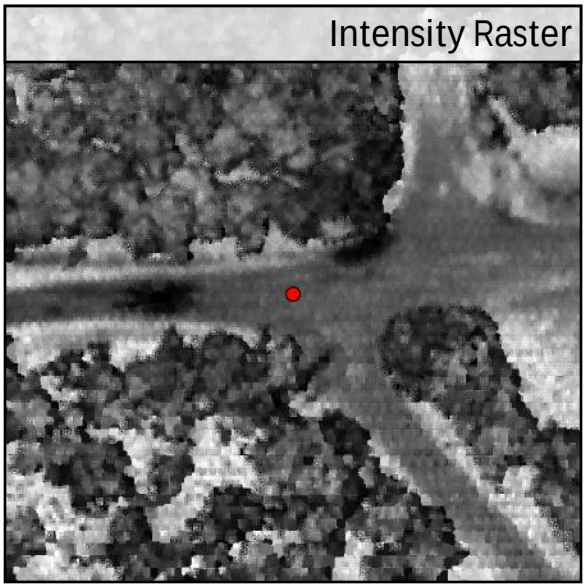
West to East



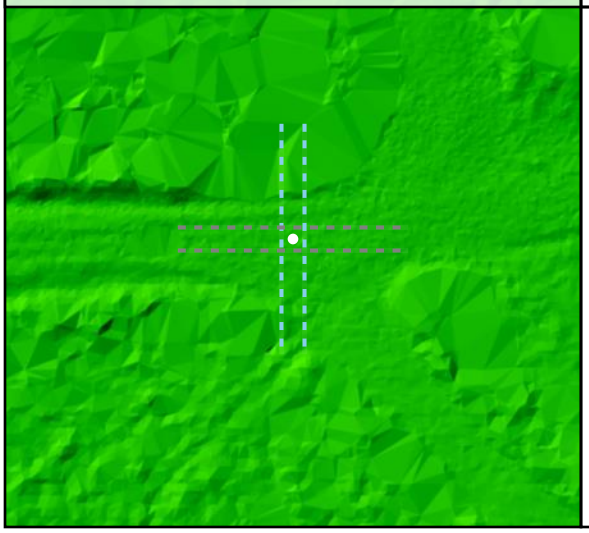
South to North



Intensity Raster

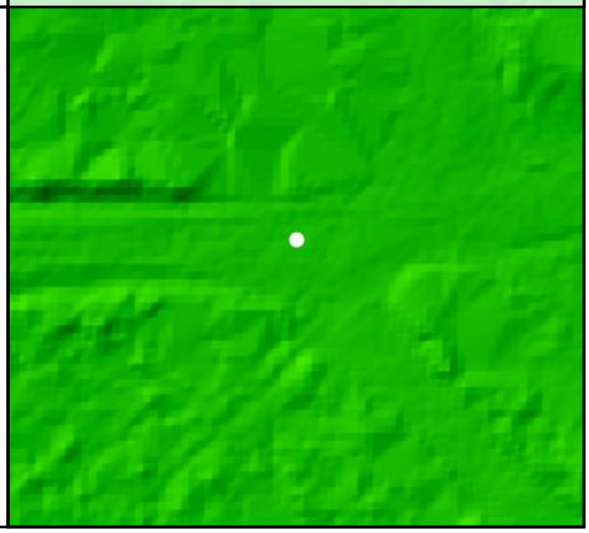


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.11 m

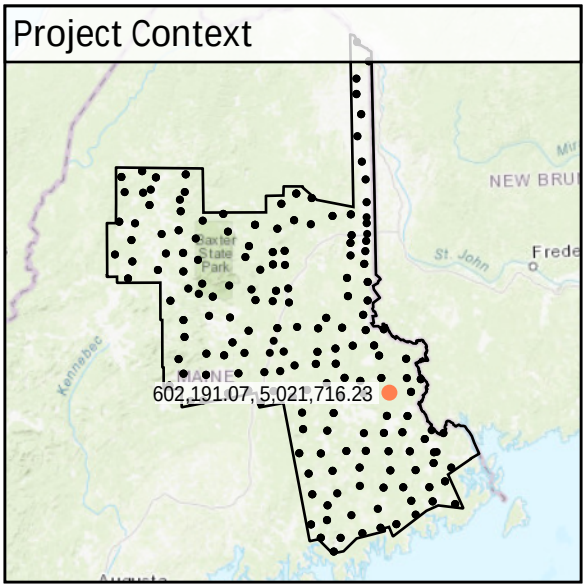
NVA - BE41

All Points TIN Dz -0.11 m

BE42

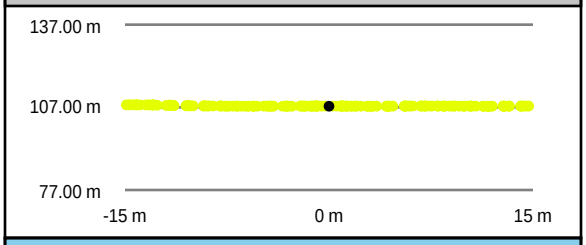
Known Z	107.40 m	Point Density	1.98 ppsm
DEM Dz	0.06 m	Ground Density	1.98 ppsm
All Points TIN Dz	0.04 m	Slope	0.37 °

Project Context

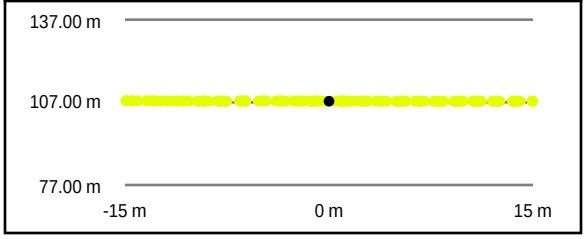


World Imagery

West to East

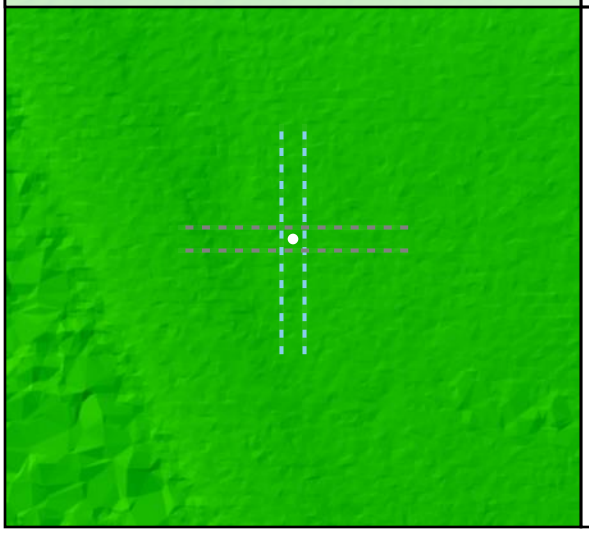


South to North



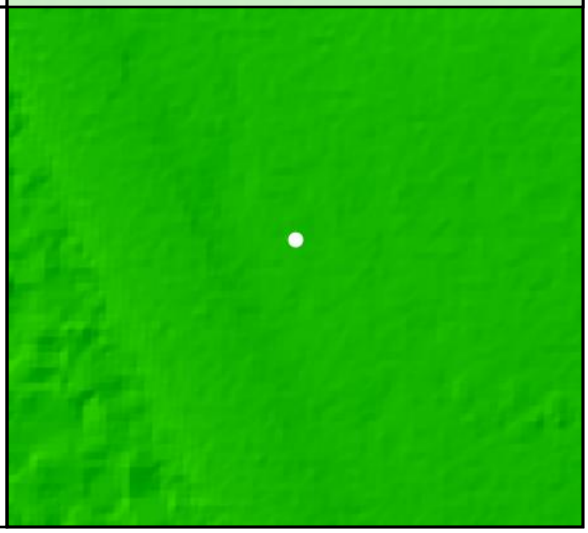
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

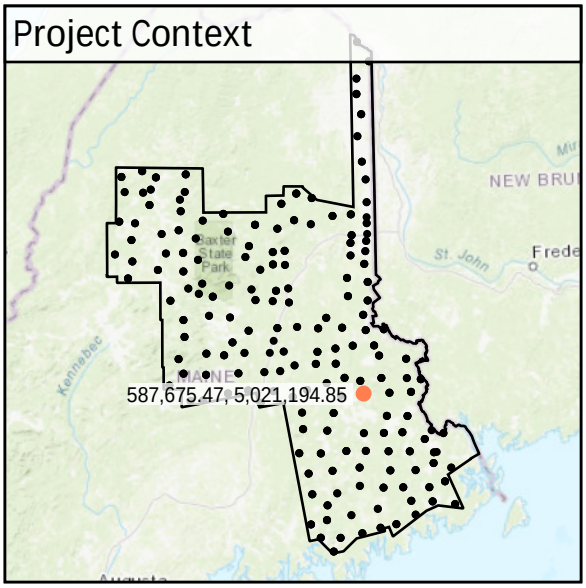
NVA - BE42

All Points TIN Dz +0.04 m

BE43

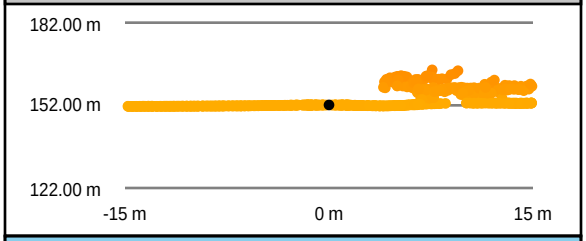
Known Z	152.14 m	Point Density	4.60 ppsm
DEM Dz	-0.03 m	Ground Density	4.60 ppsm
All Points TIN Dz	-0.03 m	Slope	2.06 °

Project Context

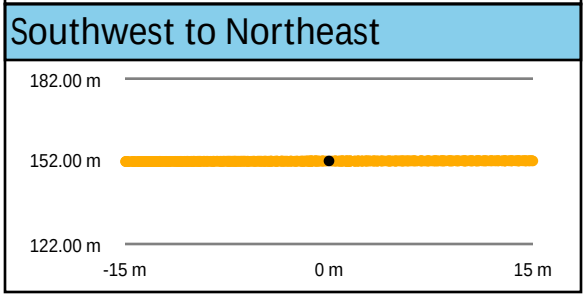


World Imagery

Southeast to Northwest

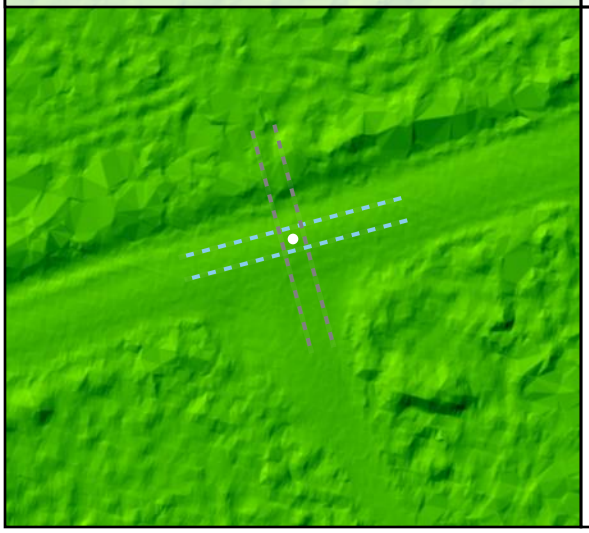


Southwest to Northeast



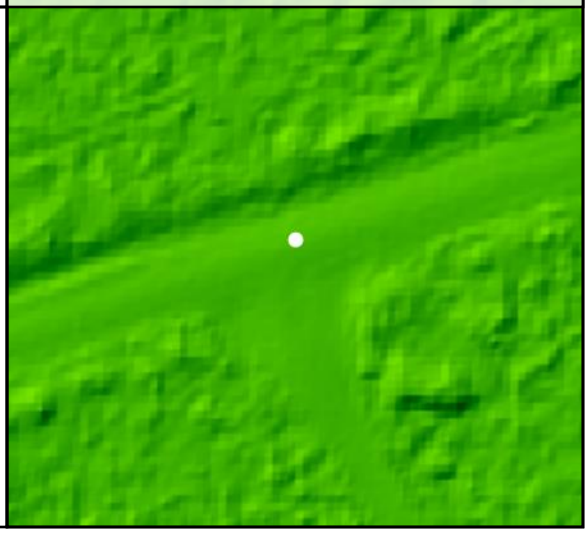
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



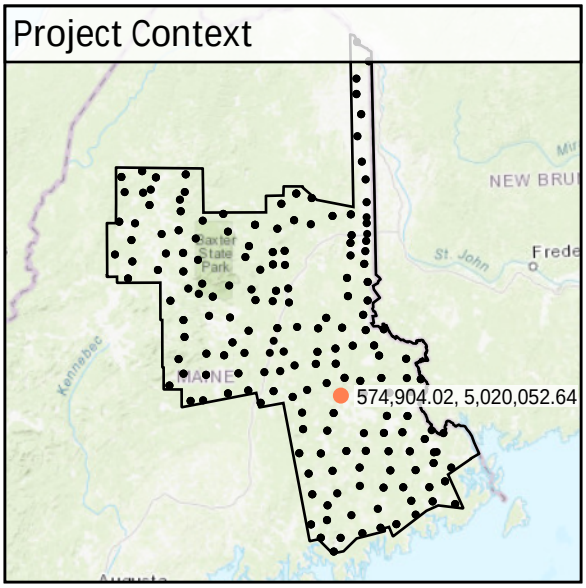
DEM Dz -0.03 m

NVA - BE43

All Points TIN Dz -0.03 m

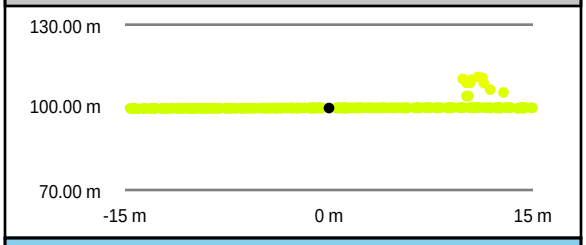
BE44				
	Known Z	99.74 m	Point Density	2.09 ppsm
	DEM Dz	0.04 m	Ground Density	2.09 ppsm
	All Points TIN Dz	0.02 m	Slope	1.30 °

Project Context

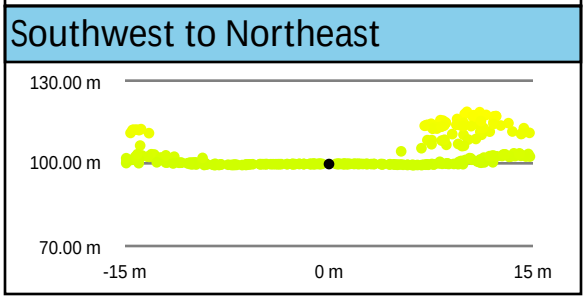


World Imagery

Southeast to Northwest

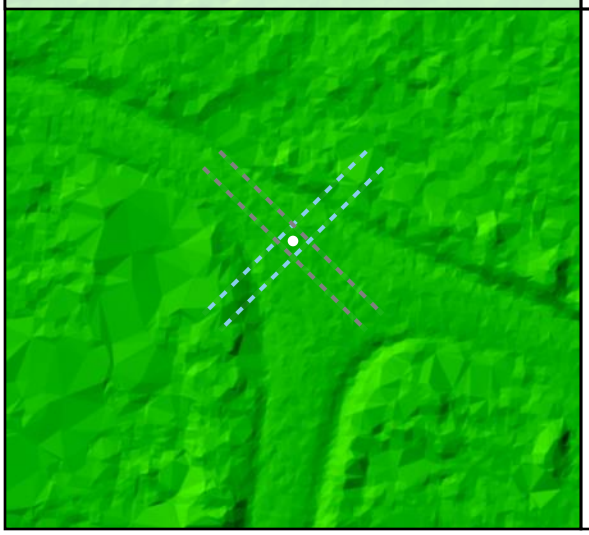


Southwest to Northeast



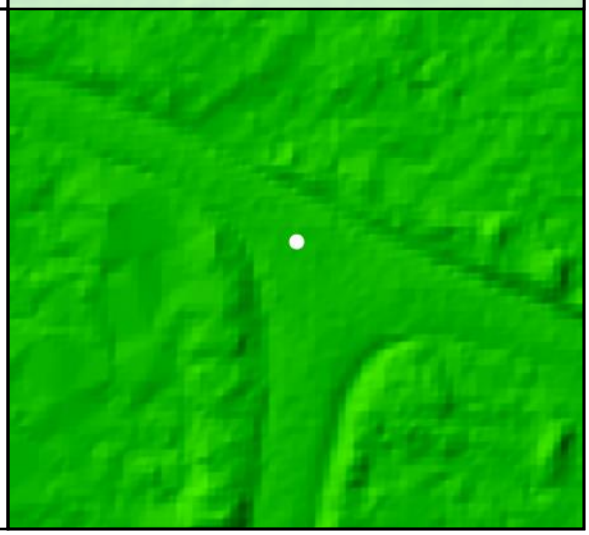
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



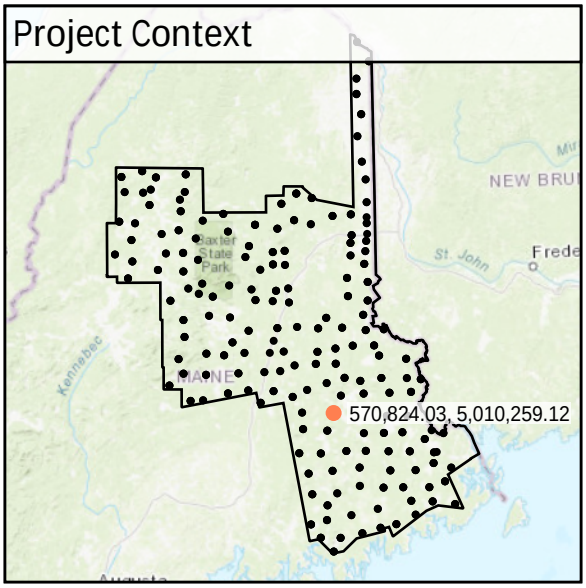
DEM Dz +0.04 m

NVA - BE44

All Points TIN Dz +0.02 m

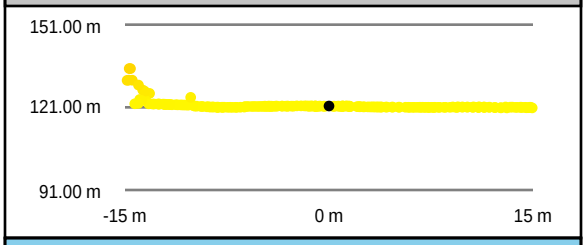
BE45				
	Known Z	121.48 m	Point Density	1.91 ppsm
	DEM Dz	-0.08 m	Ground Density	1.91 ppsm
	All Points TIN Dz	-0.08 m	Slope	4.43 °

Project Context

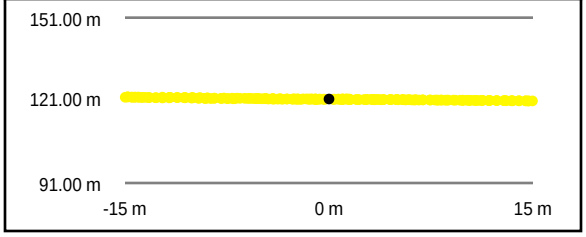


World Imagery

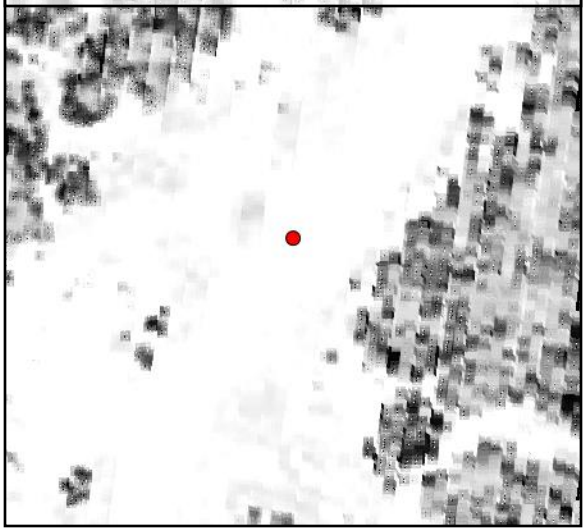
Southeast to Northwest



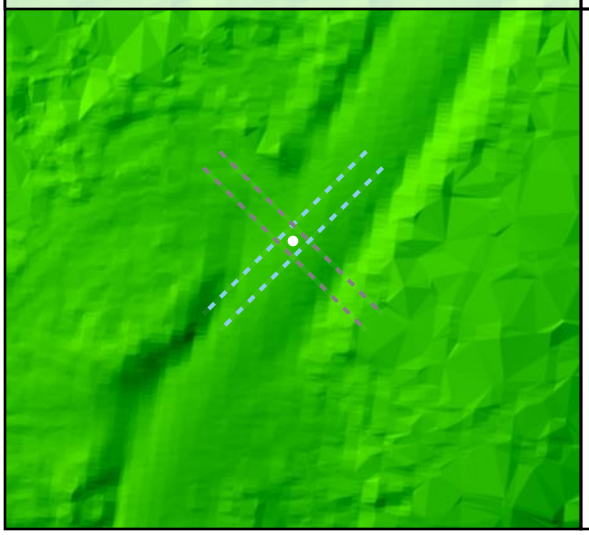
Southwest to Northeast



Intensity Raster

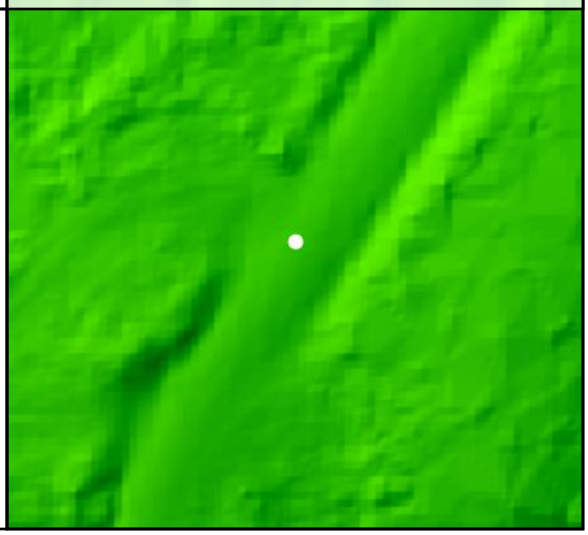


TIN Surface



Project Elevation

DEM Surface



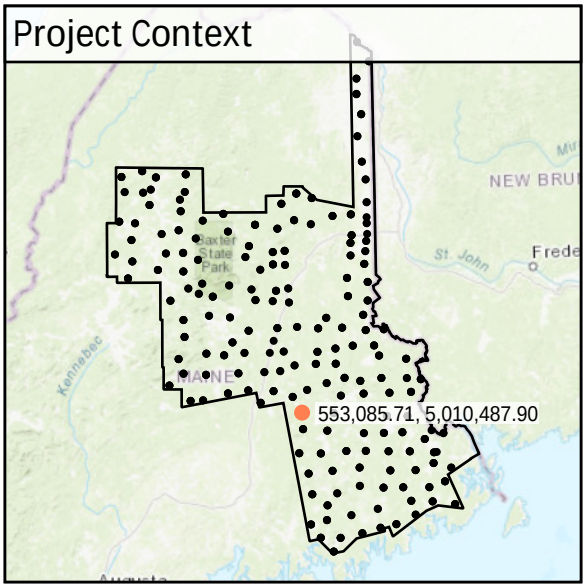
DEM Dz -0.08 m

NVA - BE45

All Points TIN Dz -0.08 m

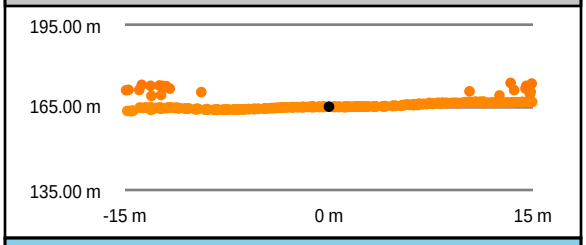
BE46				
	Known Z	165.24 m	Point Density	2.69 ppsm
	DEM Dz	-0.06 m	Ground Density	2.69 ppsm
	All Points TIN Dz	-0.06 m	Slope	2.78 °

Project Context

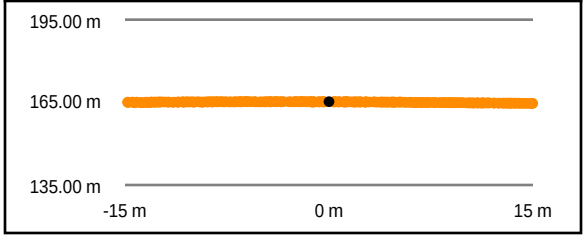


World Imagery

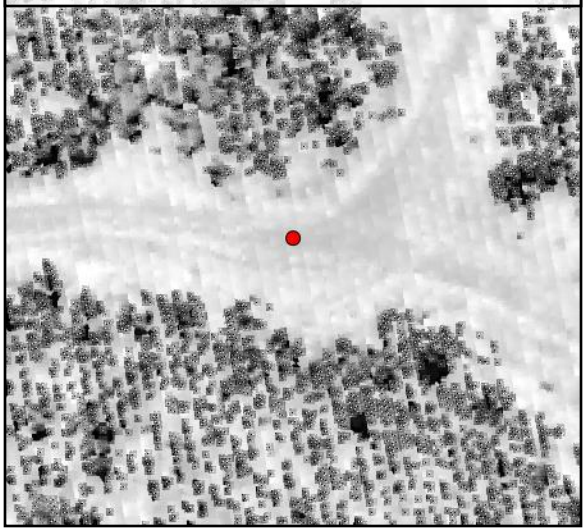
Southwest to Northeast



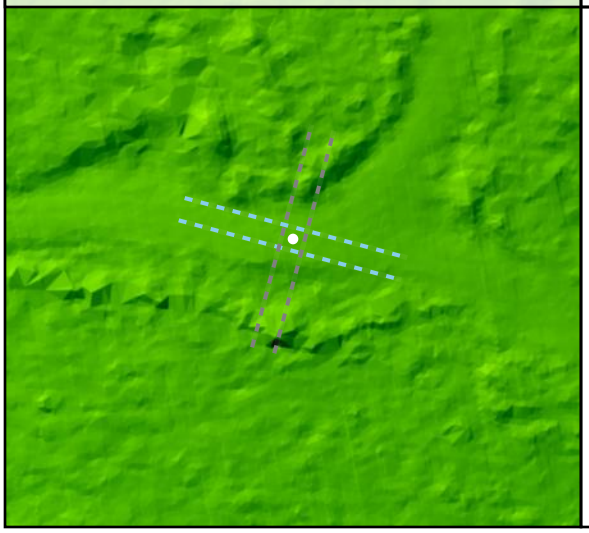
Southeast to Northwest



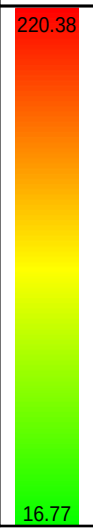
Intensity Raster



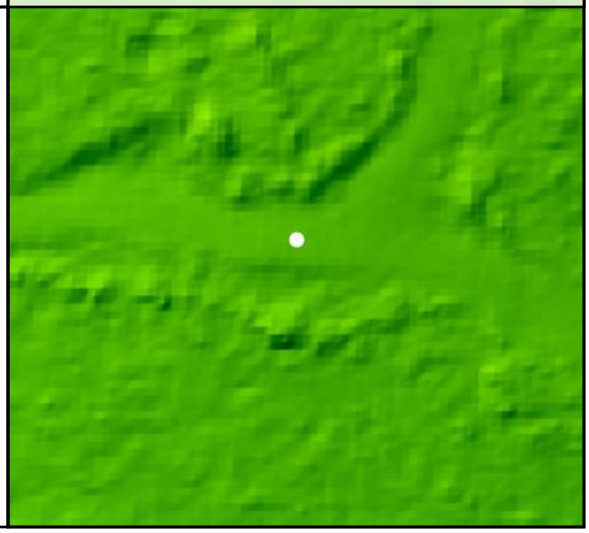
TIN Surface



Project Elevation



DEM Surface



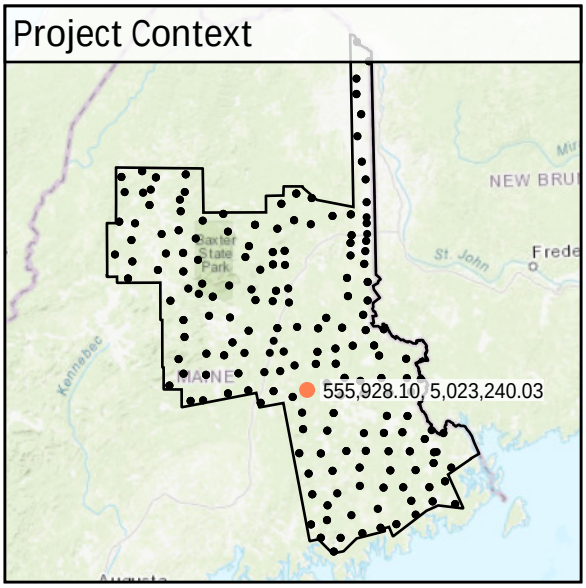
DEM Dz -0.06 m

NVA - BE46

All Points TIN Dz -0.06 m

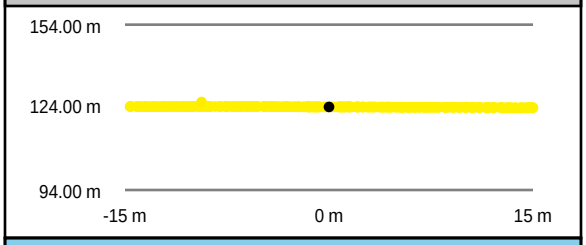
BE47				
	Known Z	124.14 m	Point Density	2.44 ppsm
	DEM Dz	0.01 m	Ground Density	2.44 ppsm
	All Points TIN Dz	0.00 m	Slope	1.17 °

Project Context

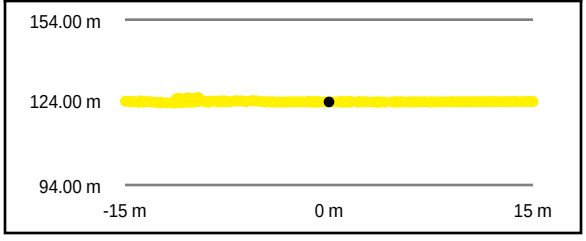


World Imagery

Southwest to Northeast

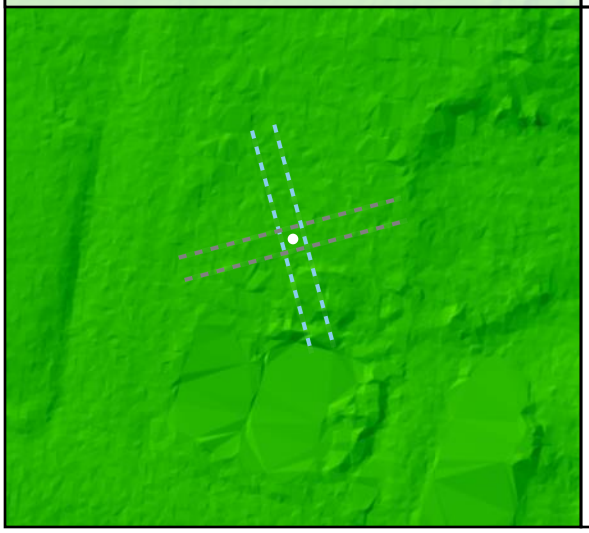


Southeast to Northwest



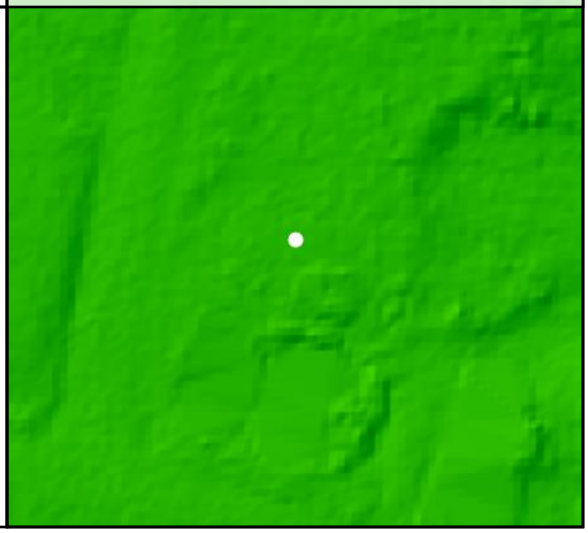
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

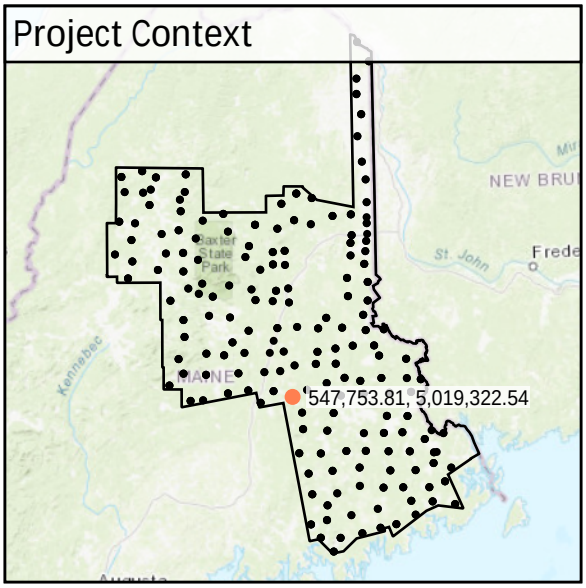
NVA - BE47

All Points TIN Dz 0.00 m

BE48

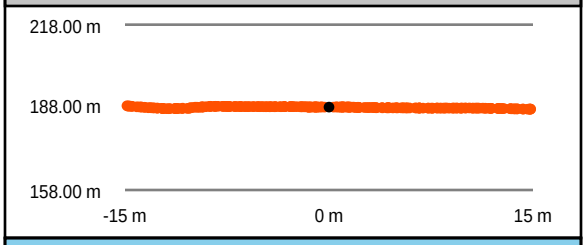
Known Z	188.08 m	Point Density	2.44 ppsm
DEM Dz	0.03 m	Ground Density	2.44 ppsm
All Points TIN Dz	0.03 m	Slope	3.19 °

Project Context

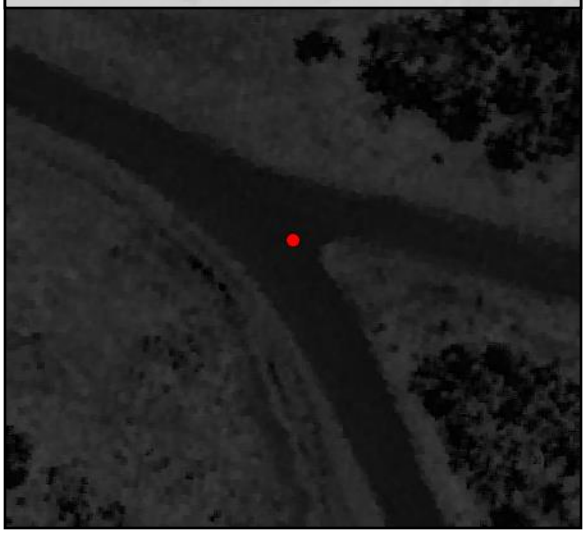


World Imagery

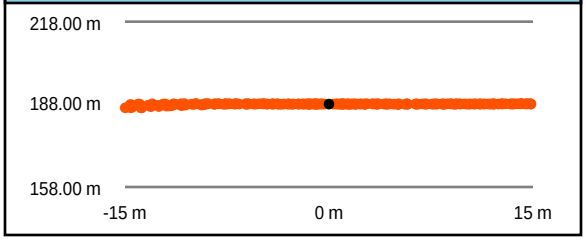
Southwest to Northeast



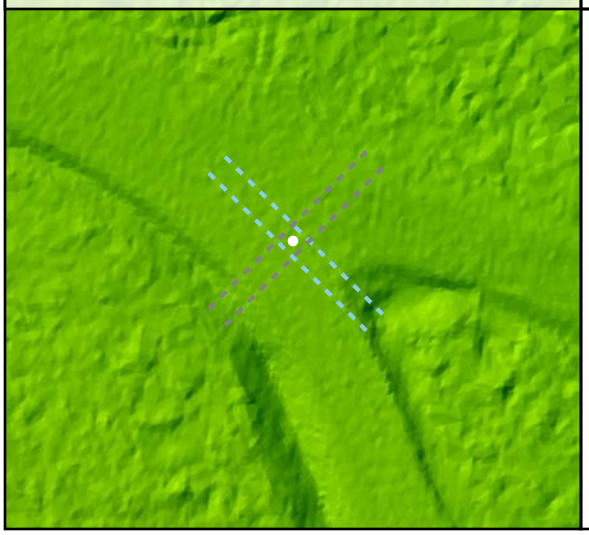
Intensity Raster



Southeast to Northwest

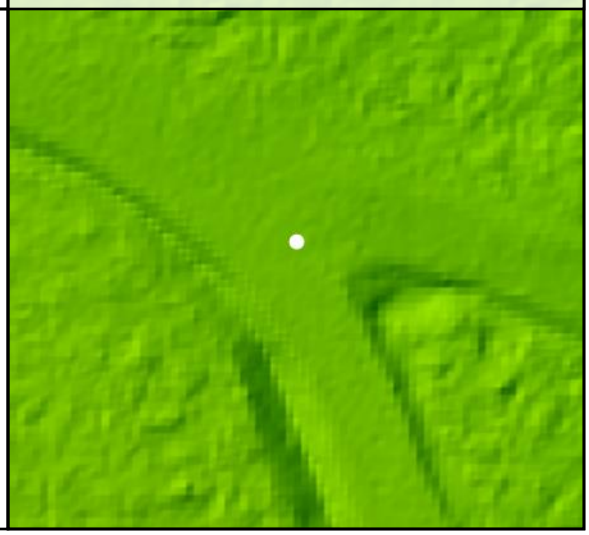


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

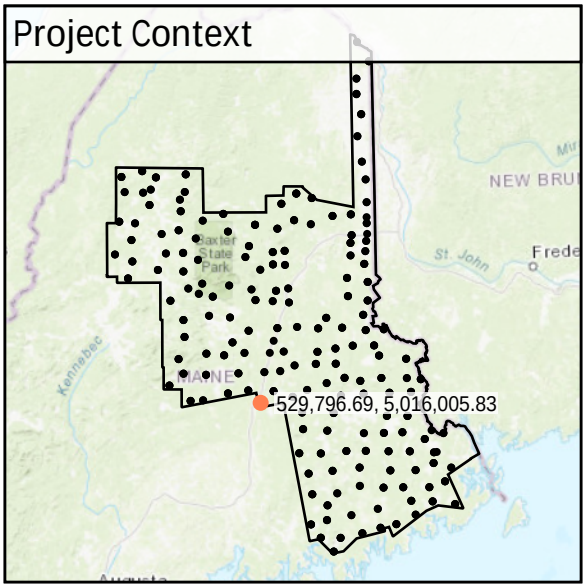
NVA - BE48

All Points TIN Dz +0.03 m

BE49

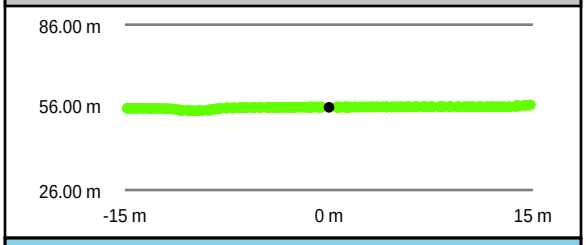
Known Z	56.01 m	Point Density	2.16 ppsm
DEM Dz	0.06 m	Ground Density	2.16 ppsm
All Points TIN Dz	0.06 m	Slope	1.26 °

Project Context

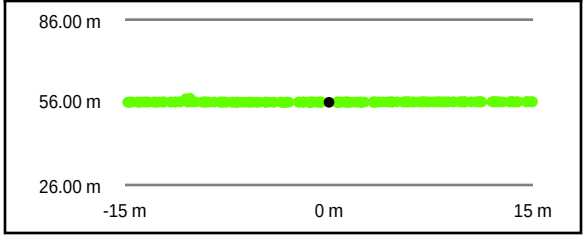


World Imagery

Southeast to Northwest

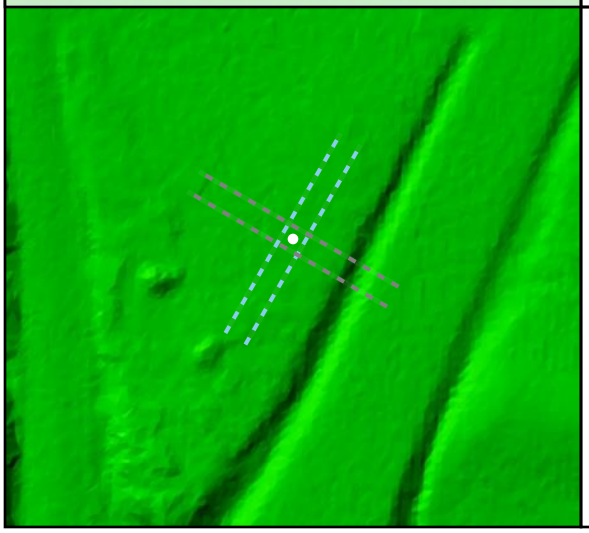


Southwest to Northeast



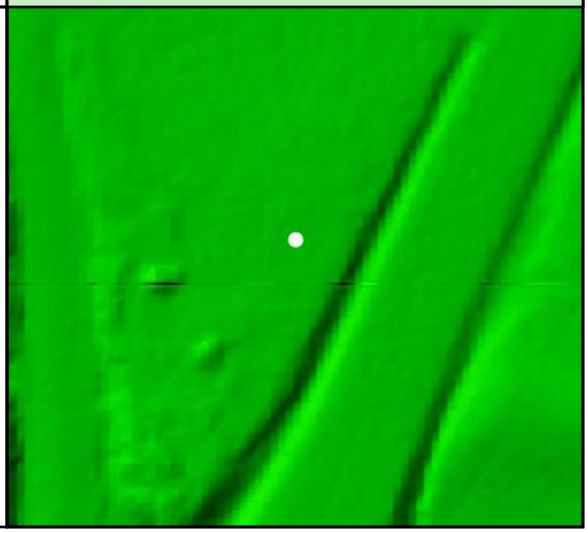
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

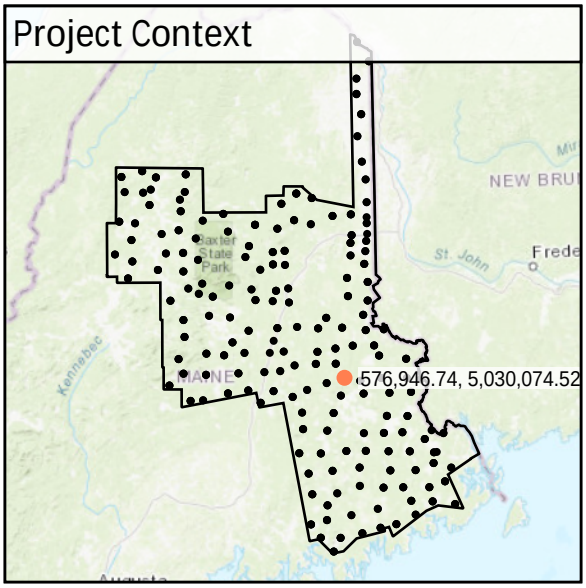
NVA - BE49

All Points TIN Dz +0.06 m

BE50

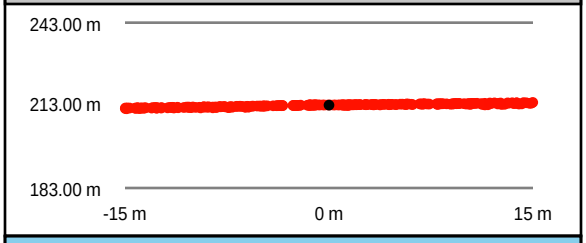
Known Z	213.07 m	Point Density	2.48 ppsm
DEM Dz	0.05 m	Ground Density	2.41 ppsm
All Points TIN Dz	0.06 m	Slope	2.84 °

Project Context

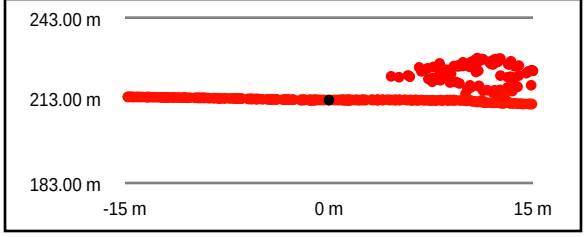


World Imagery

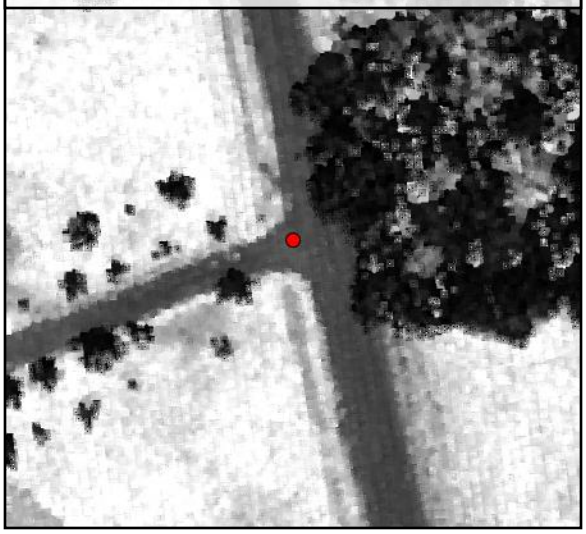
Southeast to Northwest



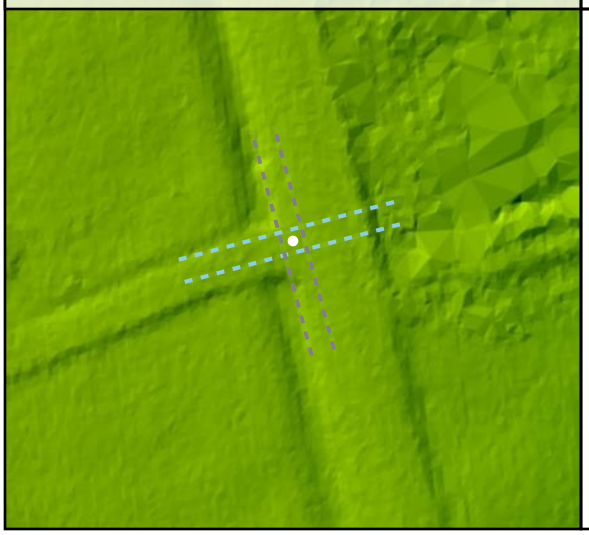
Southwest to Northeast



Intensity Raster

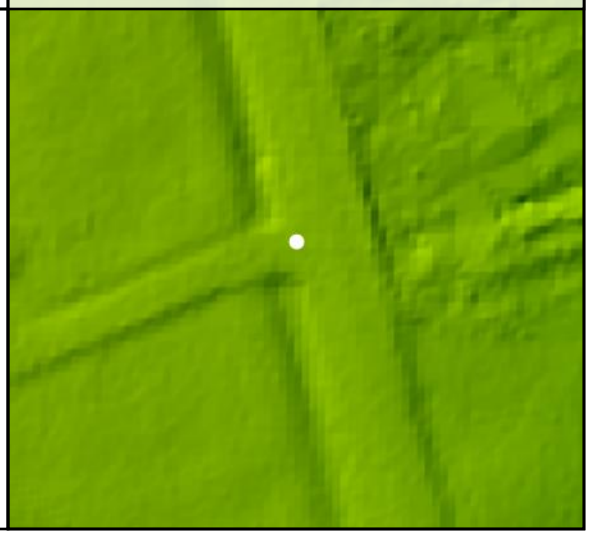


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

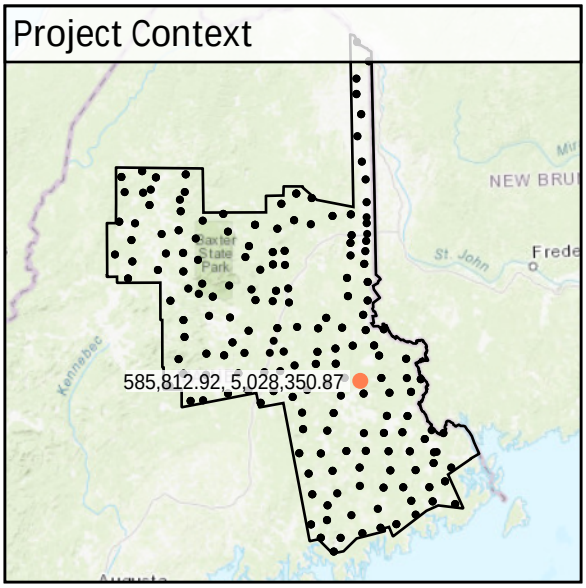
NVA - BE50

All Points TIN Dz +0.06 m

BE51

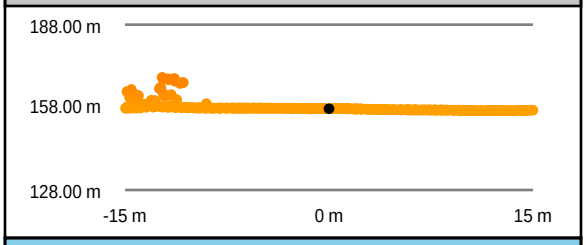
Known Z	157.50 m	Point Density	3.22 ppsm
DEM Dz	0.03 m	Ground Density	3.22 ppsm
All Points TIN Dz	0.05 m	Slope	3.51 °

Project Context



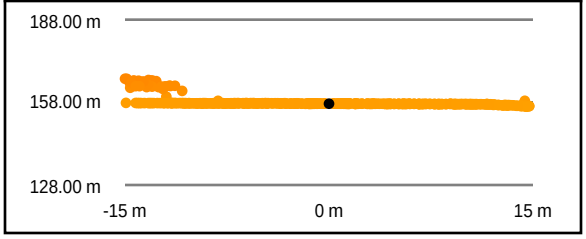
World Imagery

Southeast to Northwest

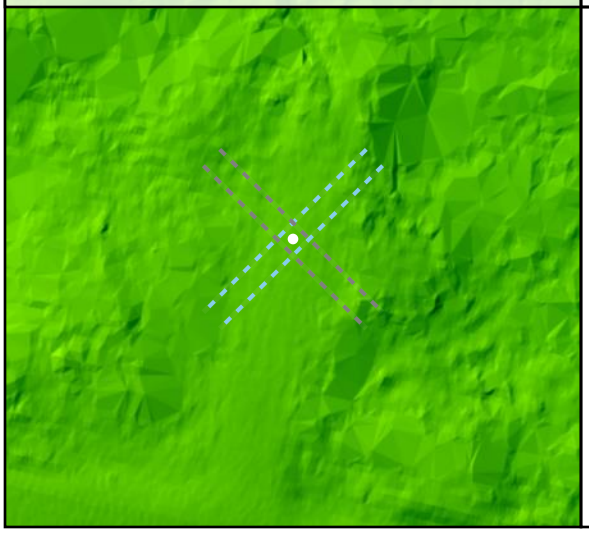


Intensity Raster

Southwest to Northeast

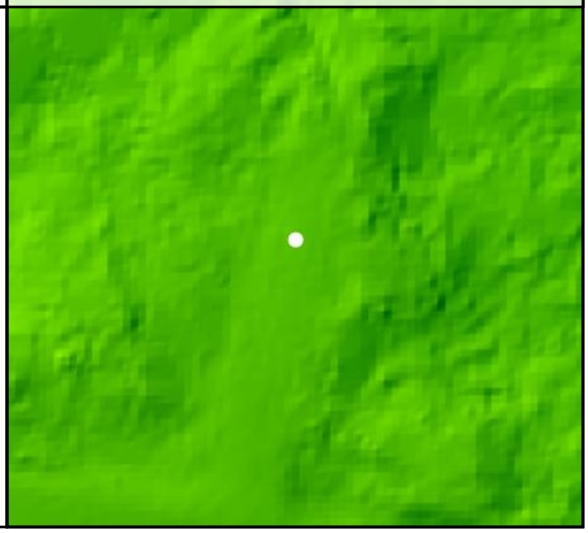


TIN Surface



Project Elevation

DEM Surface



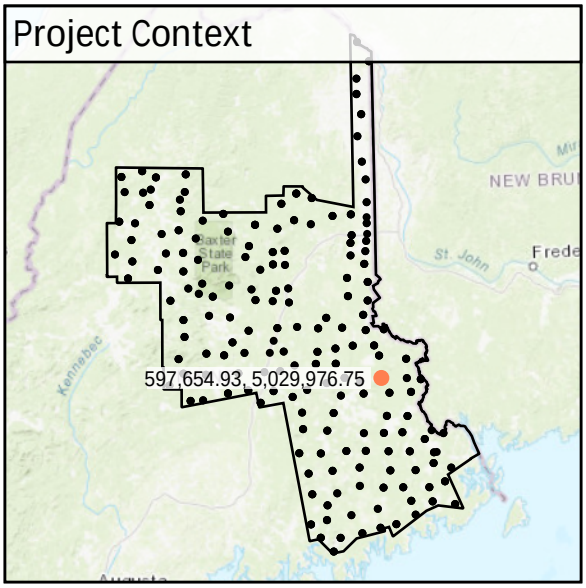
DEM Dz +0.03 m

NVA - BE51

All Points TIN Dz +0.05 m

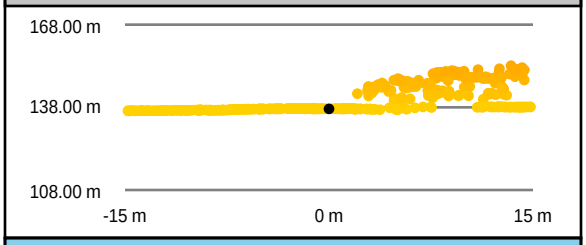
BE52				
	Known Z	137.44 m	Point Density	2.65 ppsm
	DEM Dz	0.05 m	Ground Density	2.94 ppsm
	All Points TIN Dz	0.04 m	Slope	3.25 °

Project Context

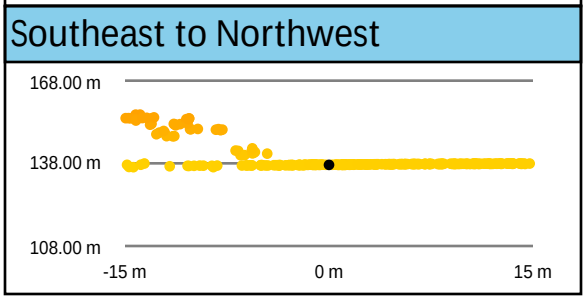


World Imagery

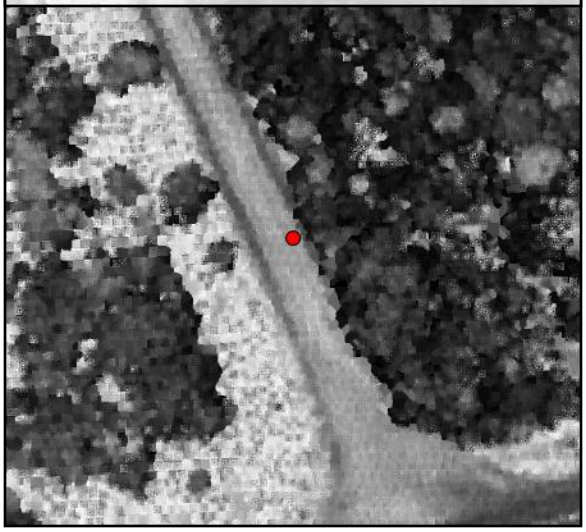
Southwest to Northeast



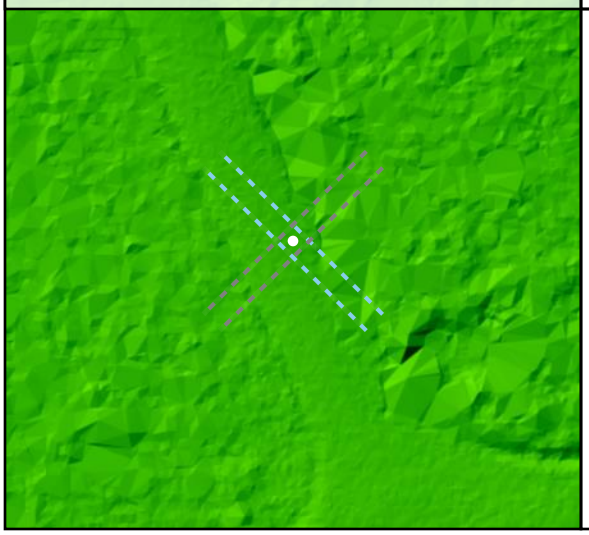
Southeast to Northwest



Intensity Raster

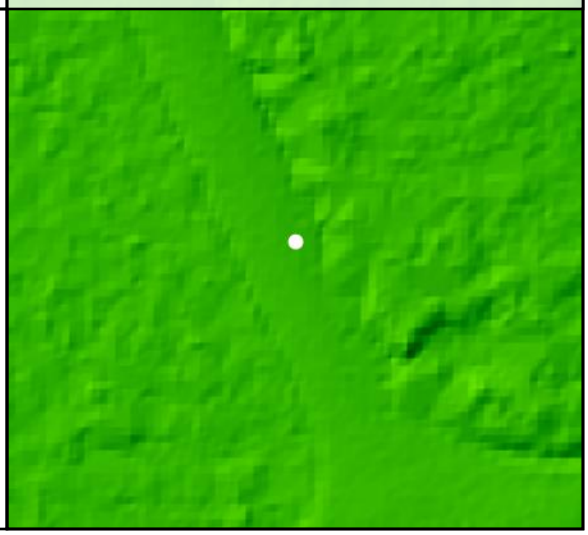


TIN Surface



Project Elevation

DEM Surface



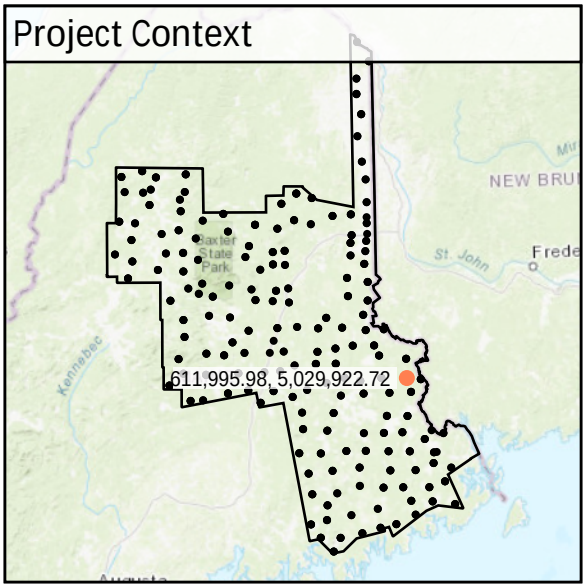
DEM Dz +0.05 m

NVA - BE52

All Points TIN Dz +0.04 m

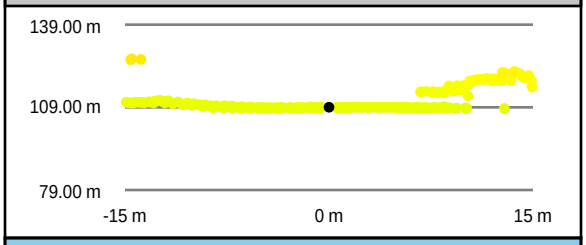
BE53				
	Known Z	109.03 m	Point Density	2.33 ppsm
	DEM Dz	-0.06 m	Ground Density	2.16 ppsm
	All Points TIN Dz	-0.06 m	Slope	2.87 °

Project Context

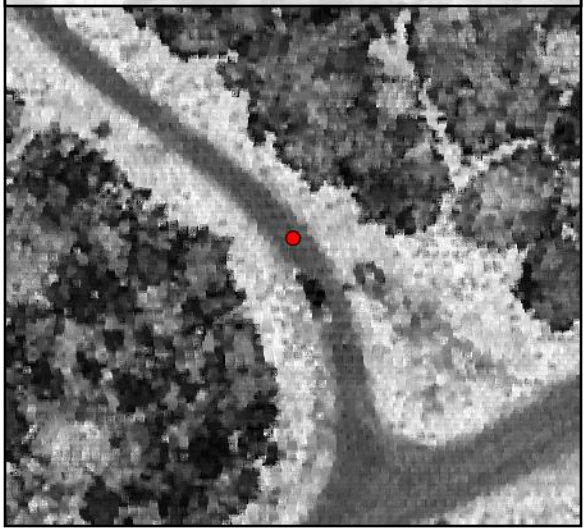


World Imagery

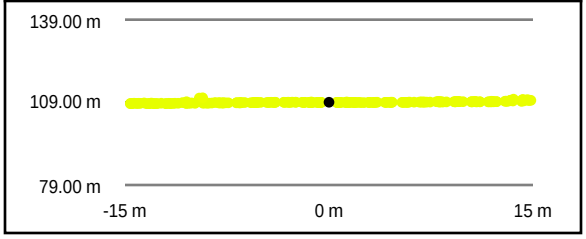
Southwest to Northeast



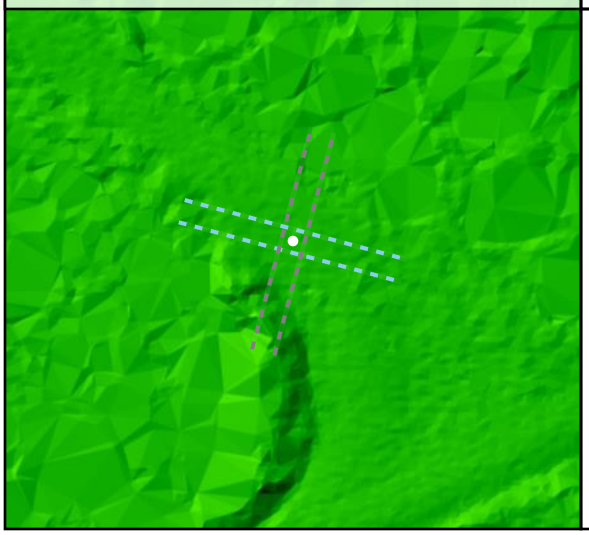
Intensity Raster



Southeast to Northwest

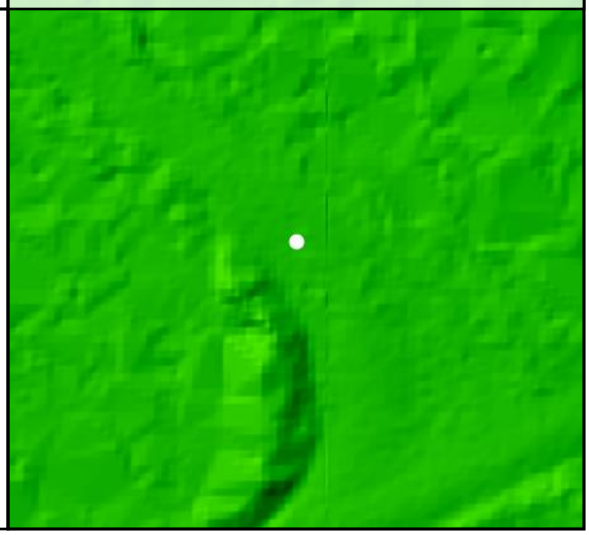


TIN Surface



Project Elevation

DEM Surface



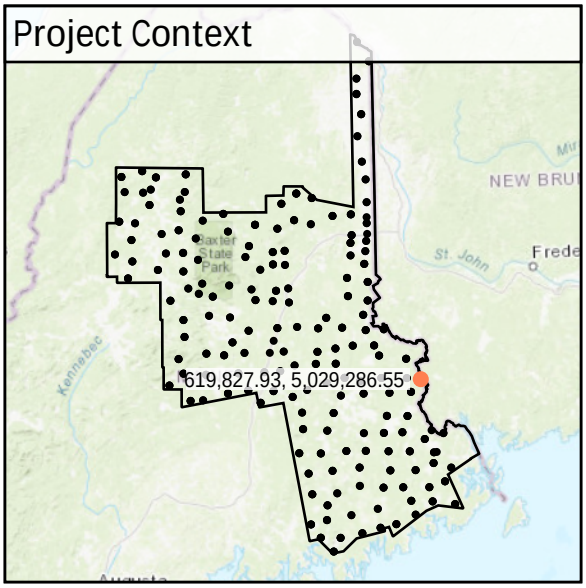
DEM Dz -0.06 m

NVA - BE53

All Points TIN Dz -0.06 m

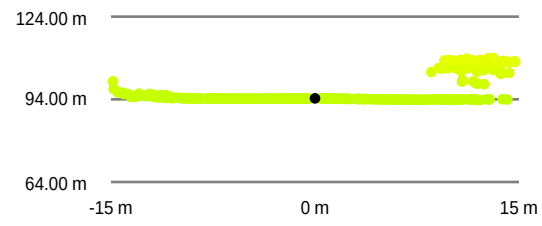
BE54				
	Known Z	94.35 m	Point Density	2.19 ppsm
	DEM Dz	-0.05 m	Ground Density	2.19 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.49 °

Project Context

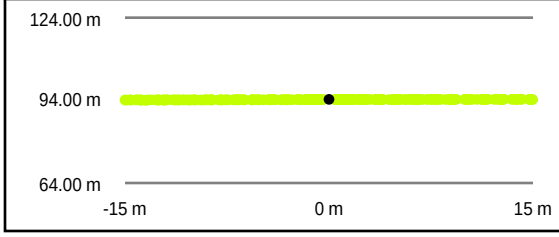


World Imagery

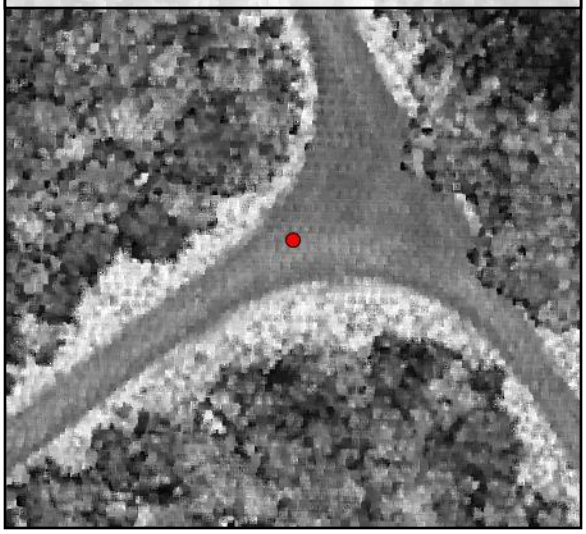
Southeast to Northwest



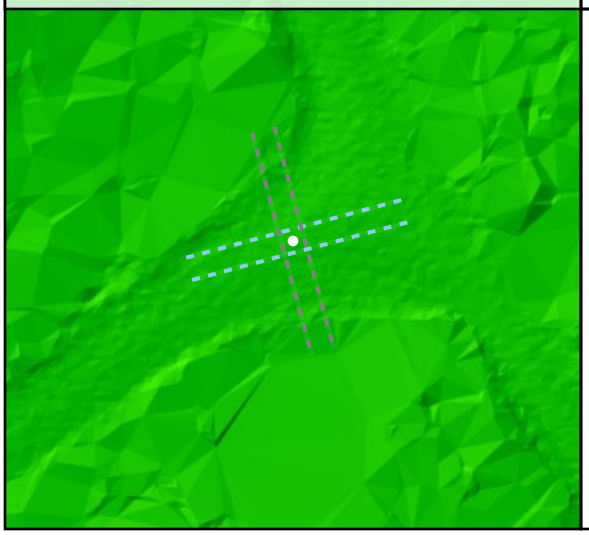
Southwest to Northeast



Intensity Raster

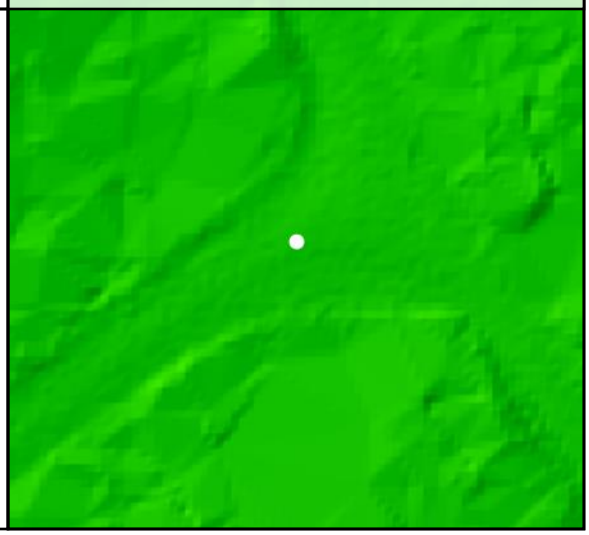


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

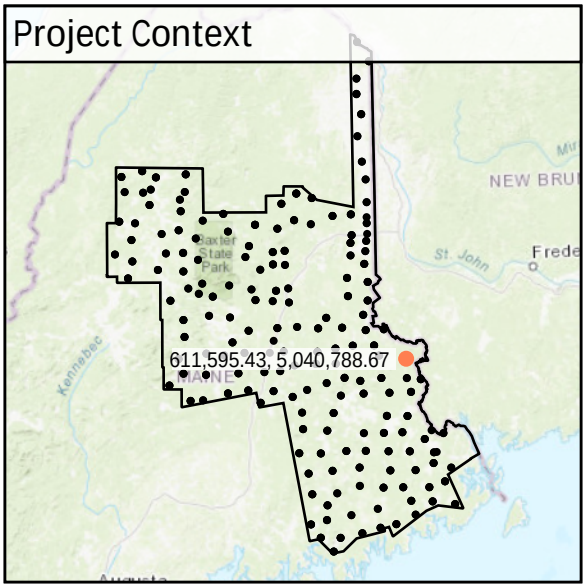
NVA - BE54

All Points TIN Dz -0.05 m

BE55

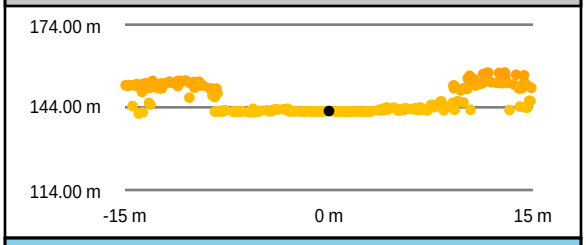
Known Z	142.65 m	Point Density	2.12 ppsm
DEM Dz	-0.14 m	Ground Density	2.12 ppsm
All Points TIN Dz	-0.15 m	Slope	1.71 °

Project Context

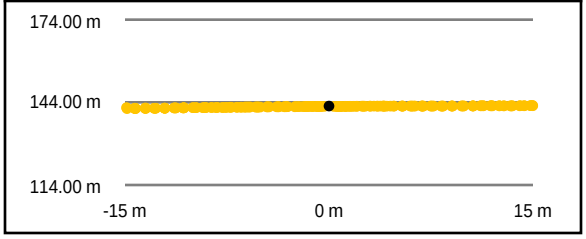


World Imagery

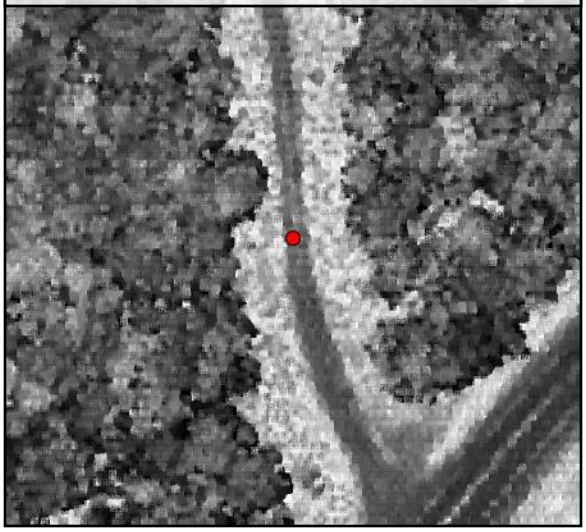
West to East



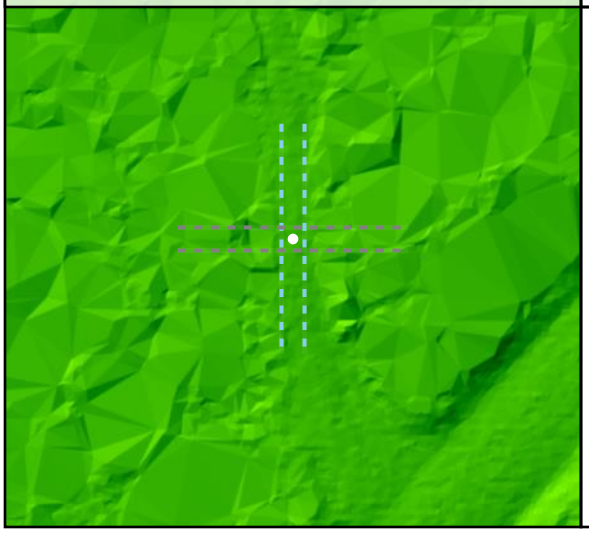
South to North



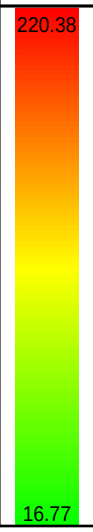
Intensity Raster



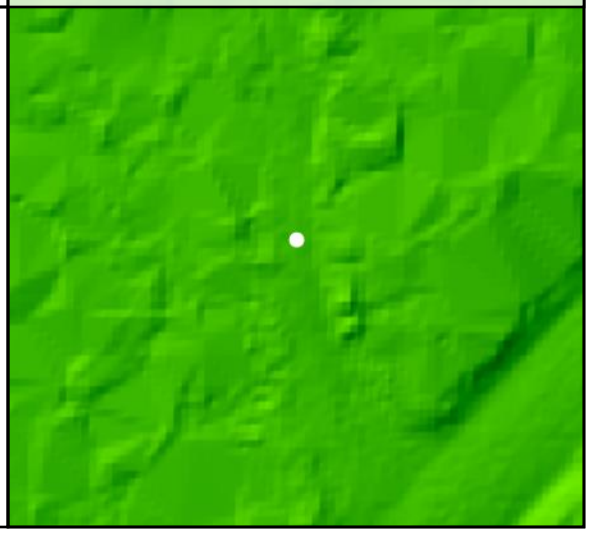
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.14 m

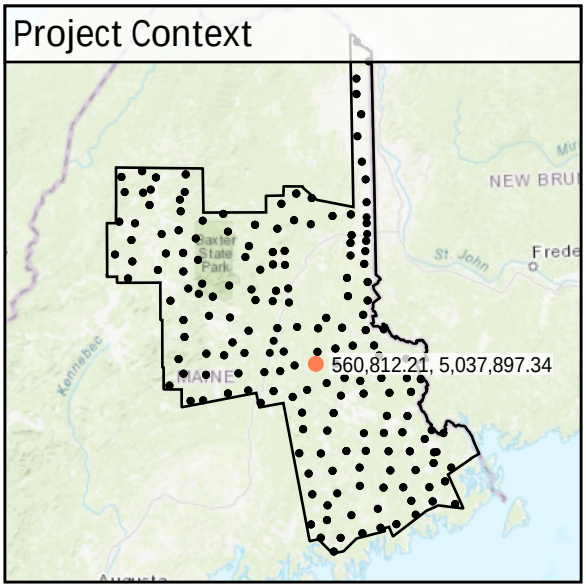
NVA - BE55

All Points TIN Dz -0.15 m

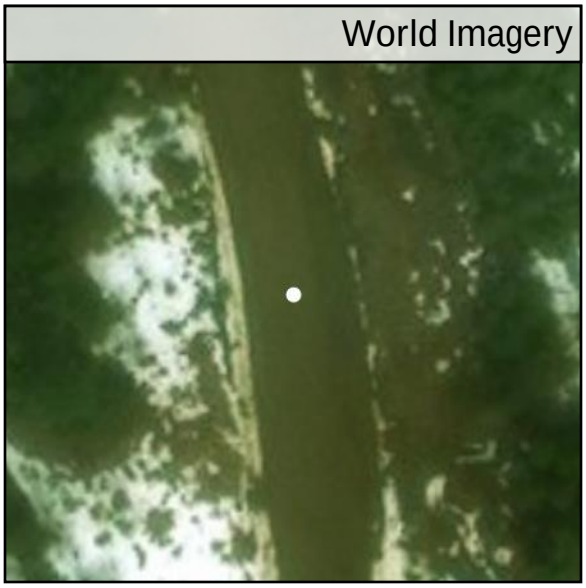
BE56

Known Z	120.24 m	Point Density	1.73 ppsm
DEM Dz	0.03 m	Ground Density	1.73 ppsm
All Points TIN Dz	0.03 m	Slope	1.48 °

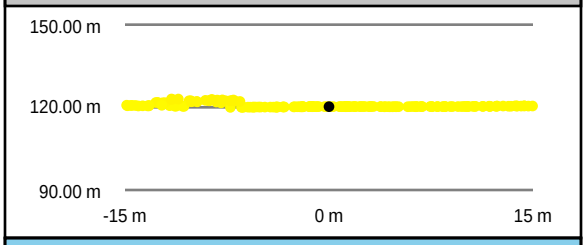
Project Context



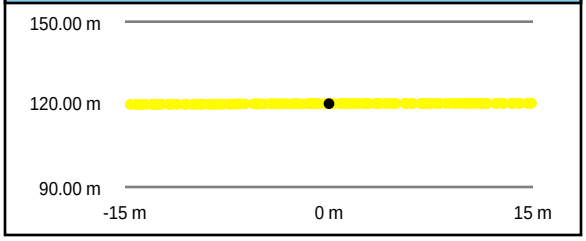
World Imagery



Southwest to Northeast

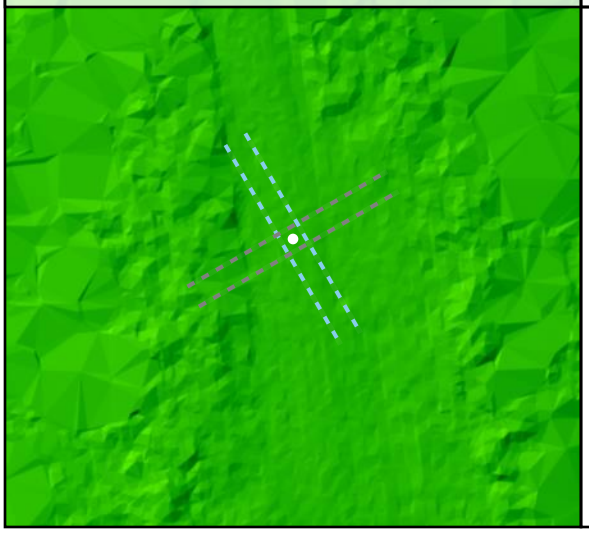


Southeast to Northwest



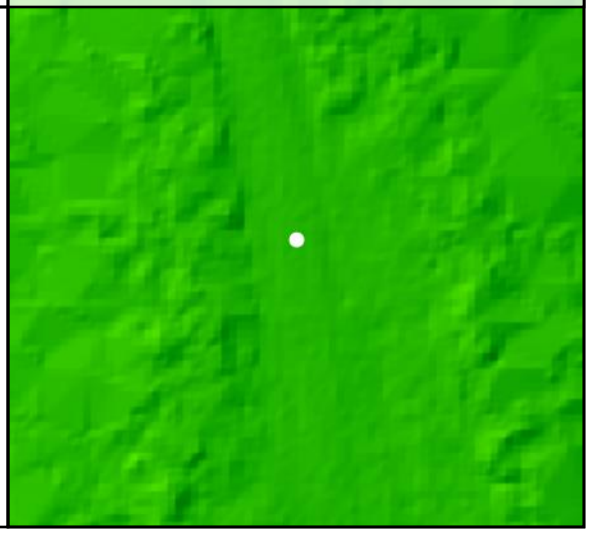
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

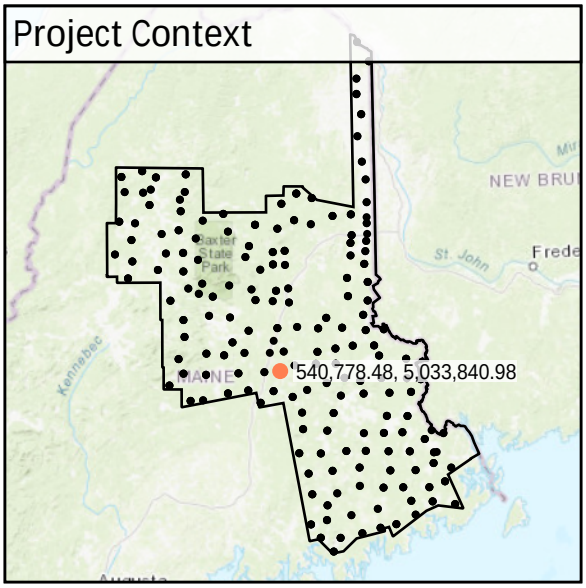
NVA - BE56

All Points TIN Dz +0.03 m

BE57

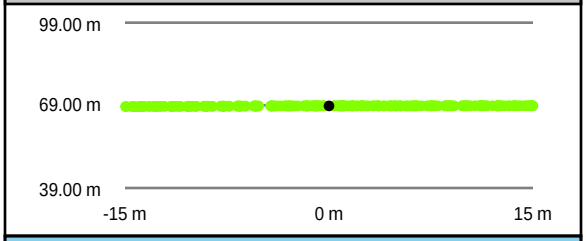
Known Z	68.79 m	Point Density	2.30 ppsm
DEM Dz	0.03 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.02 m	Slope	0.55 °

Project Context

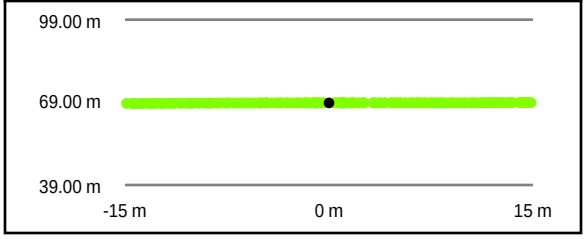


World Imagery

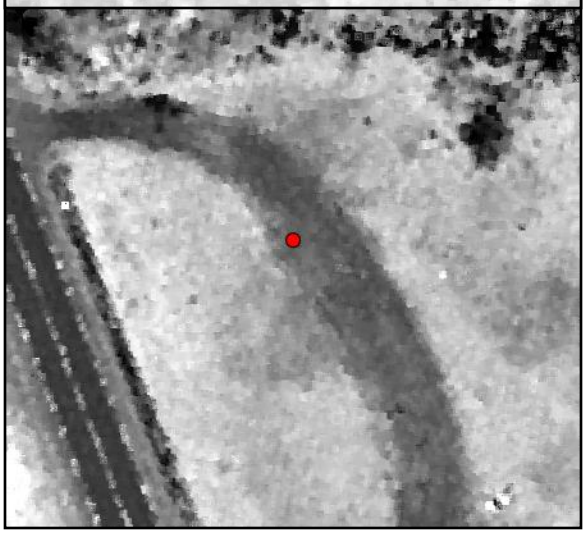
South to North



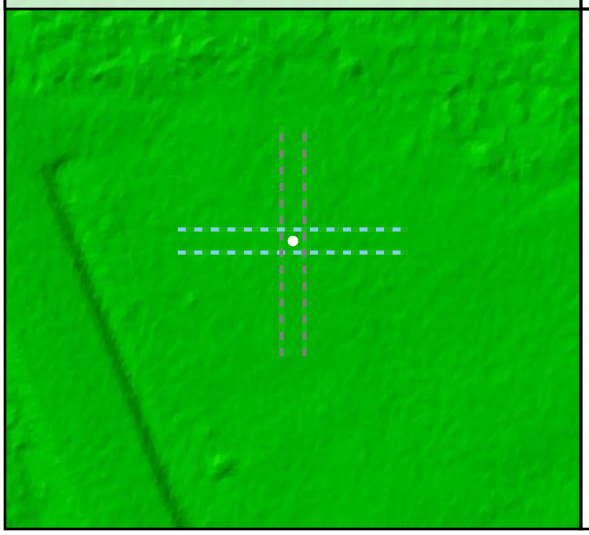
West to East



Intensity Raster

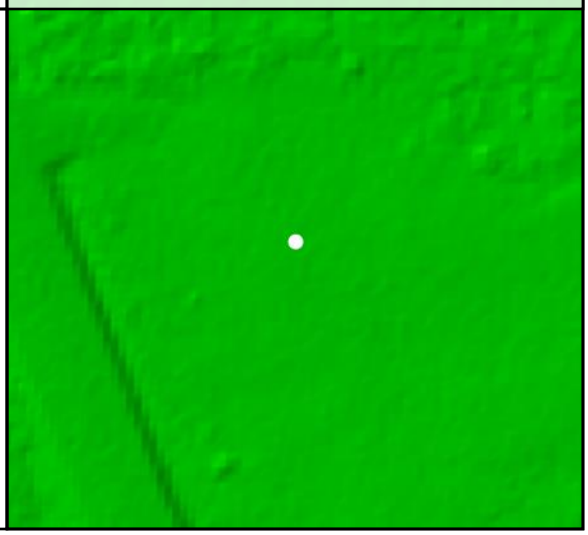


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

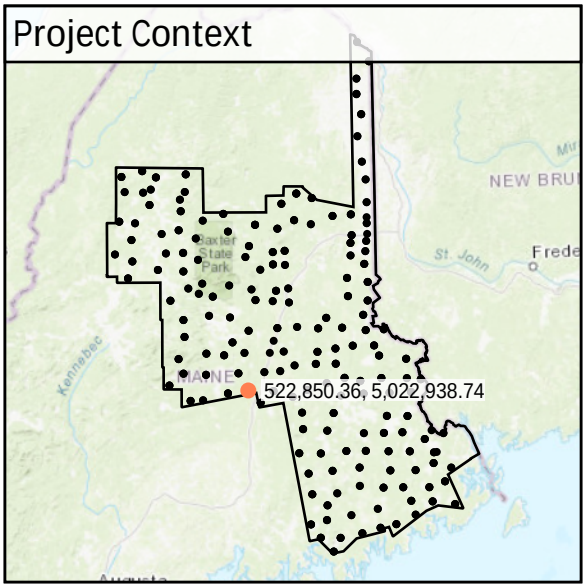
NVA - BE57

All Points TIN Dz +0.02 m

BE58

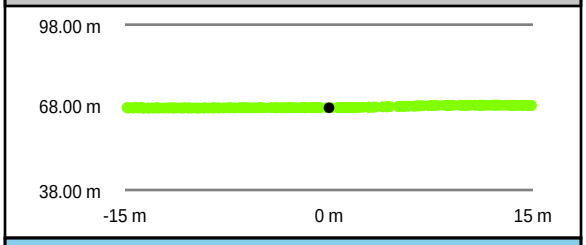
Known Z	67.85 m	Point Density	2.65 ppsm
DEM Dz	0.03 m	Ground Density	2.65 ppsm
All Points TIN Dz	0.04 m	Slope	2.18 °

Project Context

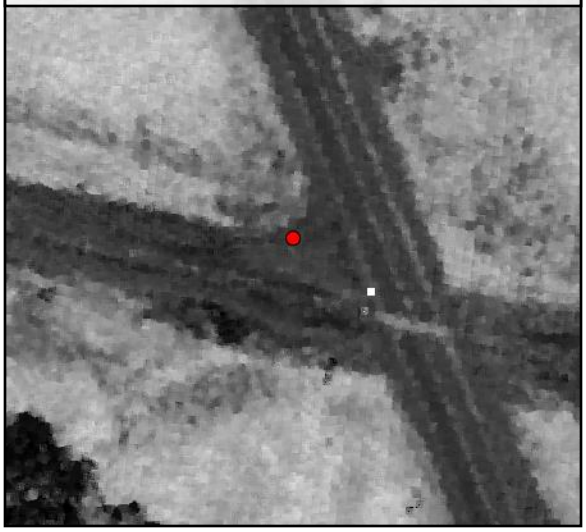


World Imagery

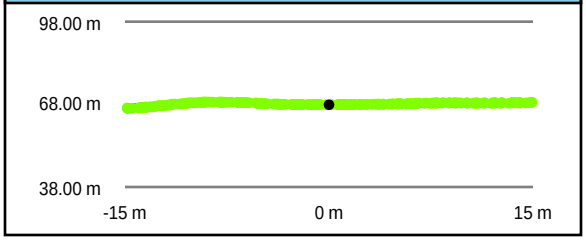
West to East



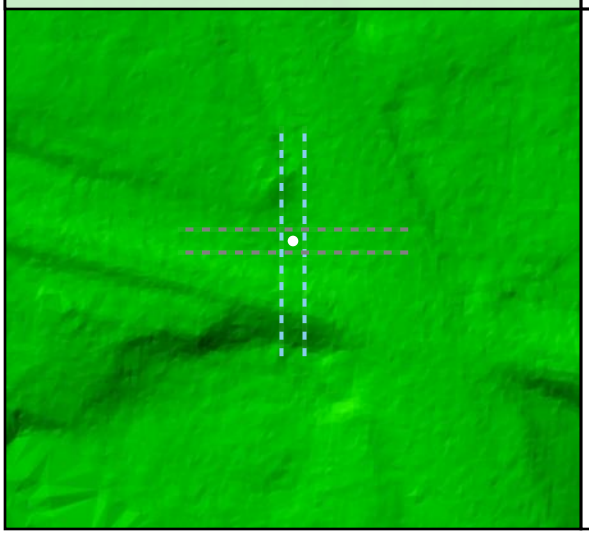
Intensity Raster



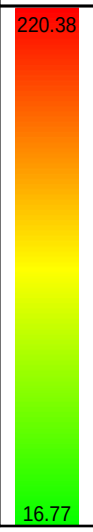
South to North



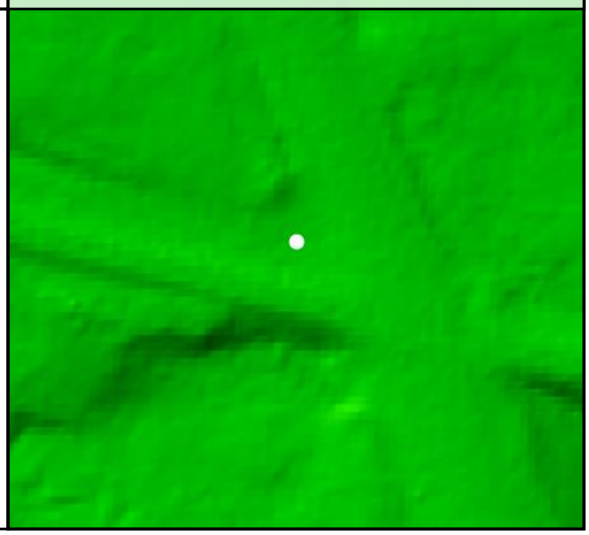
TIN Surface



Project Elevation



DEM Surface



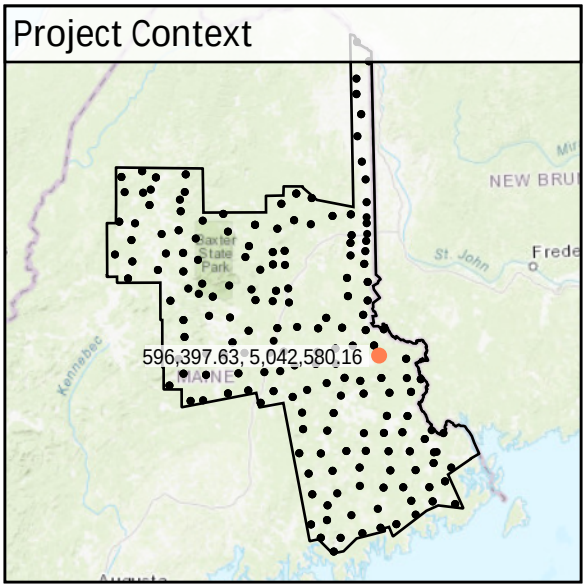
DEM Dz +0.03 m

NVA - BE58

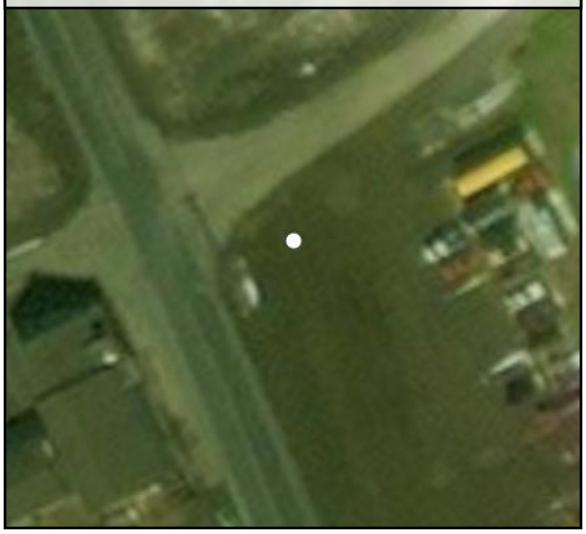
All Points TIN Dz +0.04 m

BE59				
	Known Z	136.96 m	Point Density	2.16 ppsm
	DEM Dz	0.05 m	Ground Density	2.16 ppsm
	All Points TIN Dz	0.07 m	Slope	0.94 °

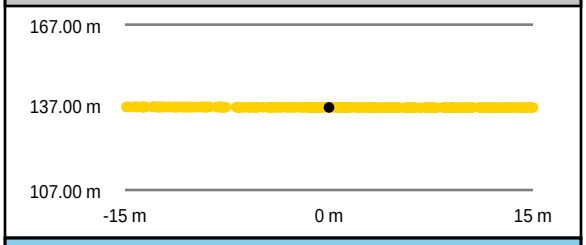
Project Context



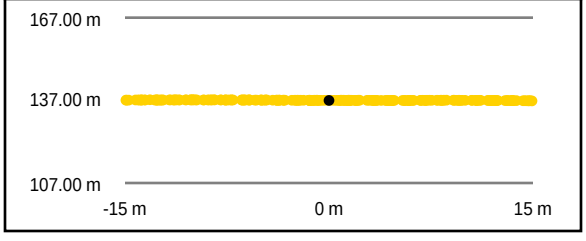
World Imagery



Southwest to Northeast

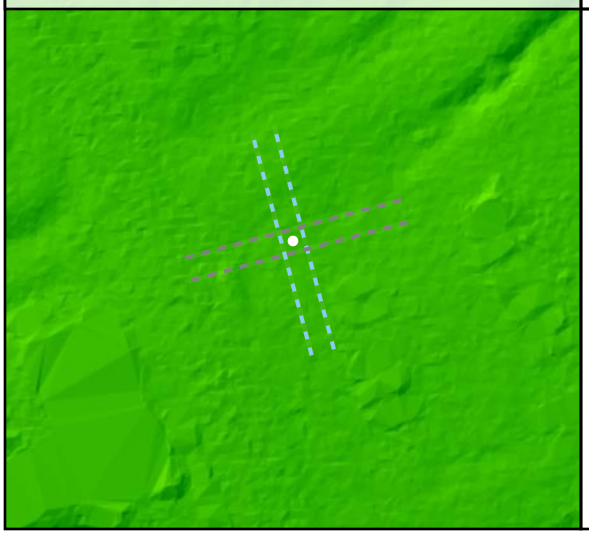


Southeast to Northwest



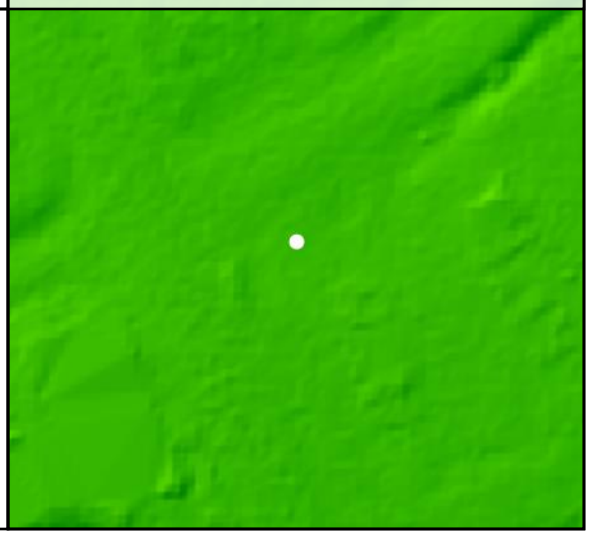
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

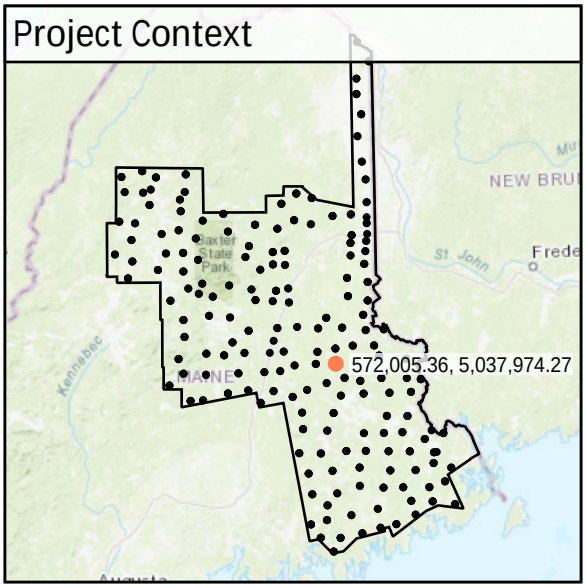
NVA - BE59

All Points TIN Dz +0.07 m

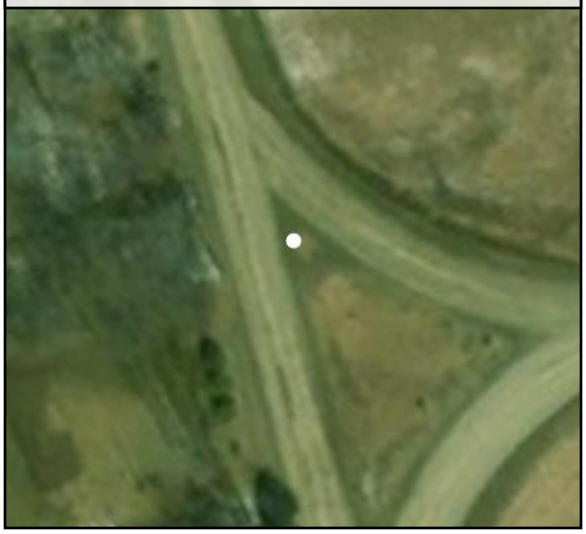
BE60

Known Z	189.37 m	Point Density	2.23 ppsm
DEM Dz	0.04 m	Ground Density	2.23 ppsm
All Points TIN Dz	0.03 m	Slope	1.32 °

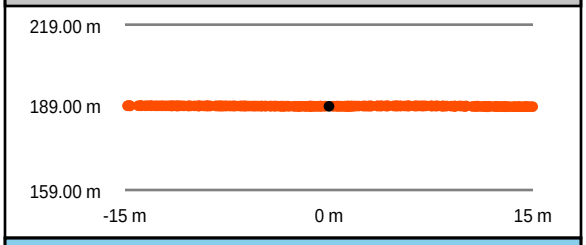
Project Context



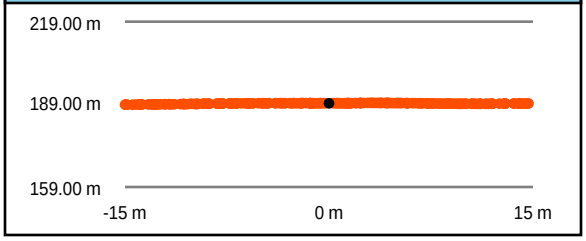
World Imagery



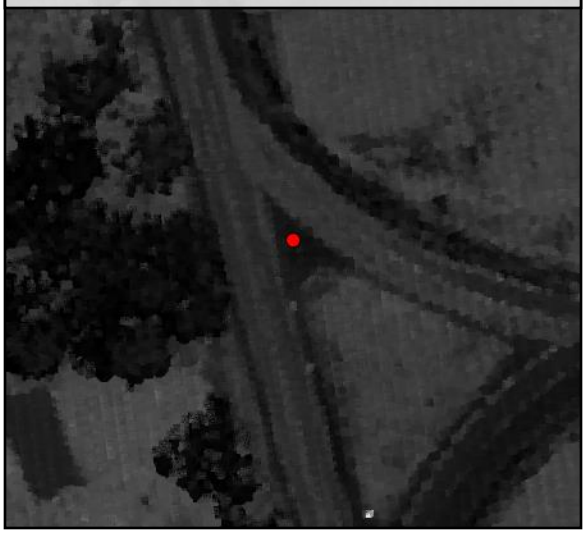
Southeast to Northwest



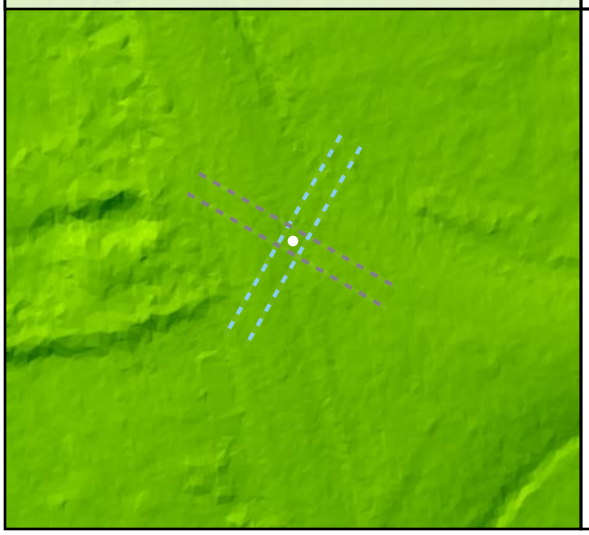
Southwest to Northeast



Intensity Raster

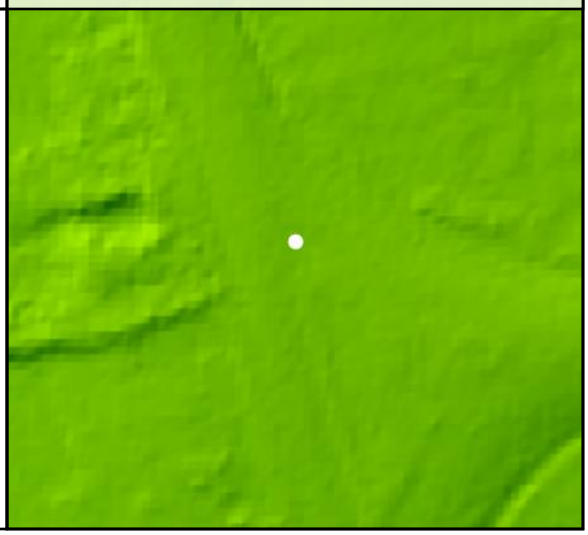


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

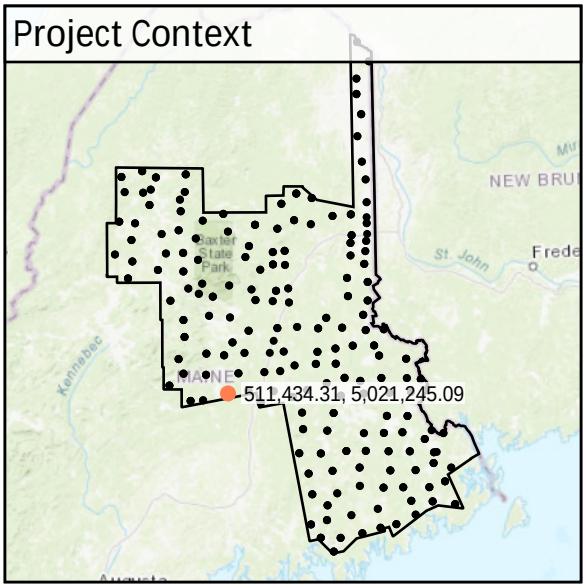
NVA - BE60

All Points TIN Dz +0.03 m

BE61

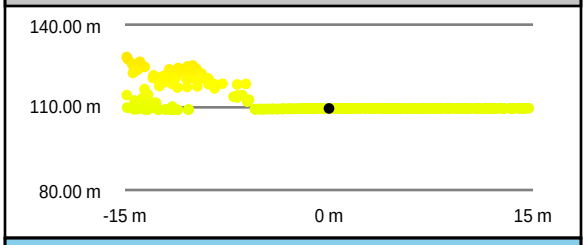
Known Z	109.60 m	Point Density	2.90 ppsm
DEM Dz	0.00 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.00 m	Slope	1.63 °

Project Context

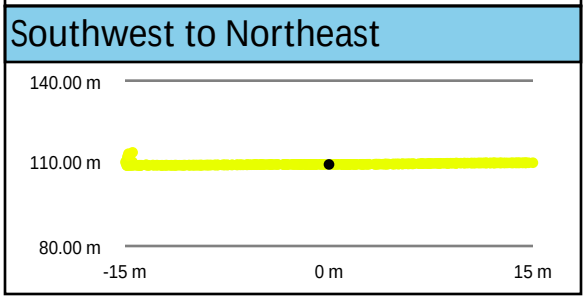


World Imagery

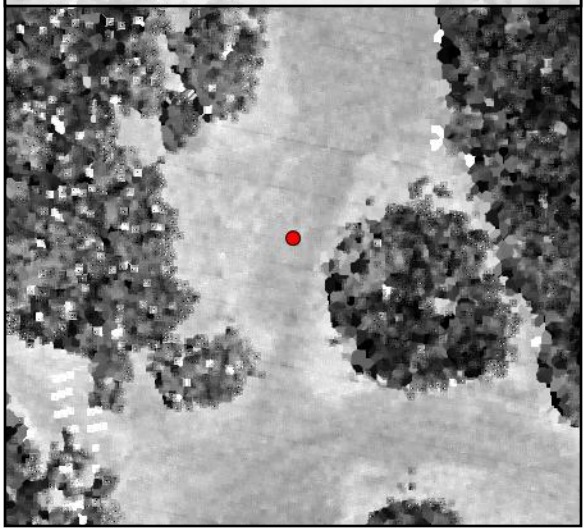
Southeast to Northwest



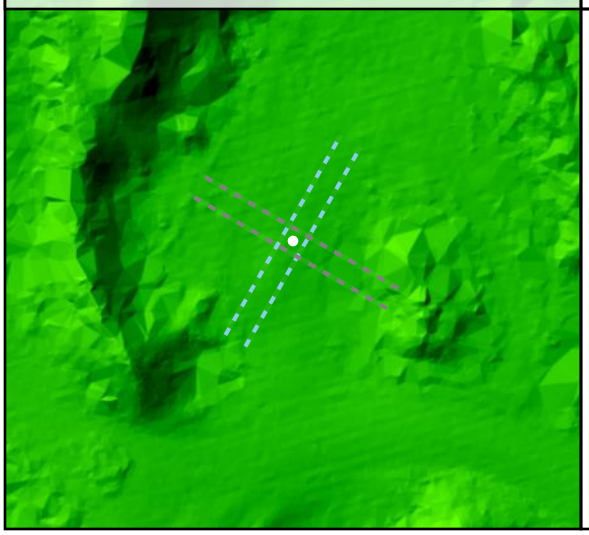
Southwest to Northeast



Intensity Raster

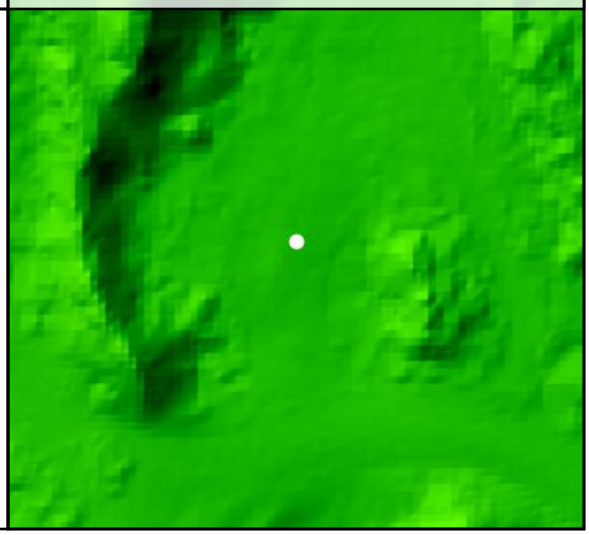


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

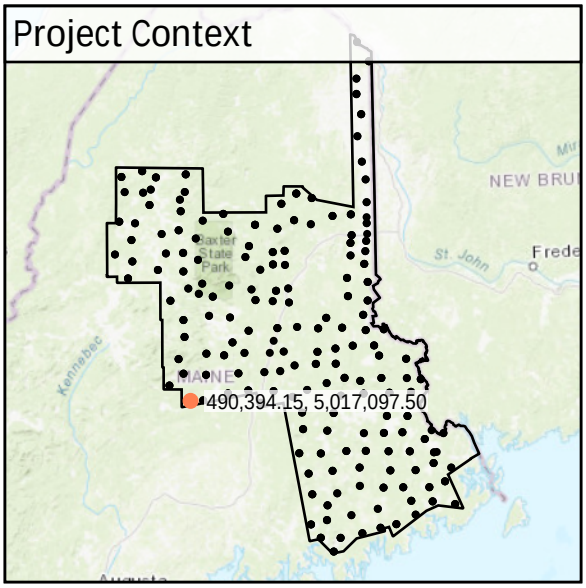
NVA - BE61

All Points TIN Dz 0.00 m

BE62

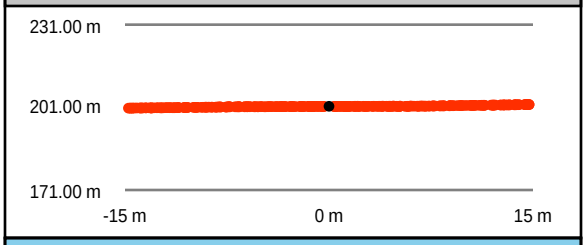
Known Z	201.38 m	Point Density	3.01 ppsm
DEM Dz	-0.06 m	Ground Density	3.01 ppsm
All Points TIN Dz	-0.07 m	Slope	1.13 °

Project Context

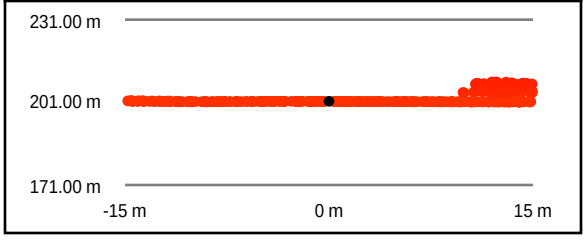


World Imagery

Southeast to Northwest

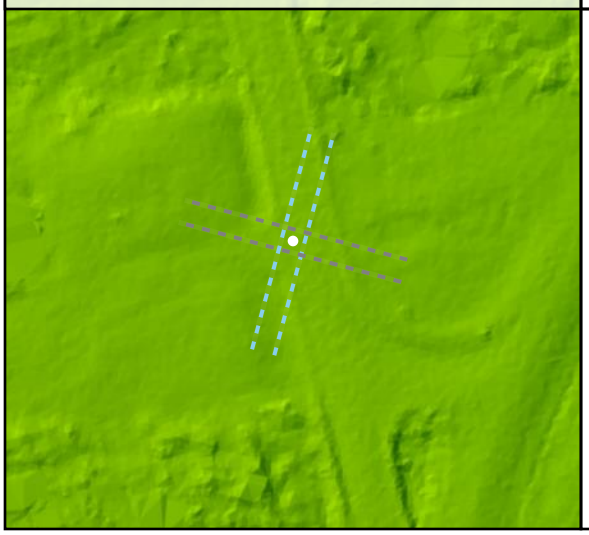


Southwest to Northeast



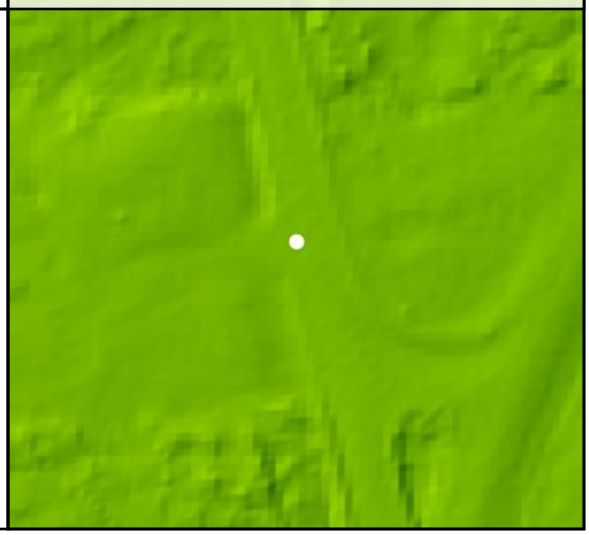
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

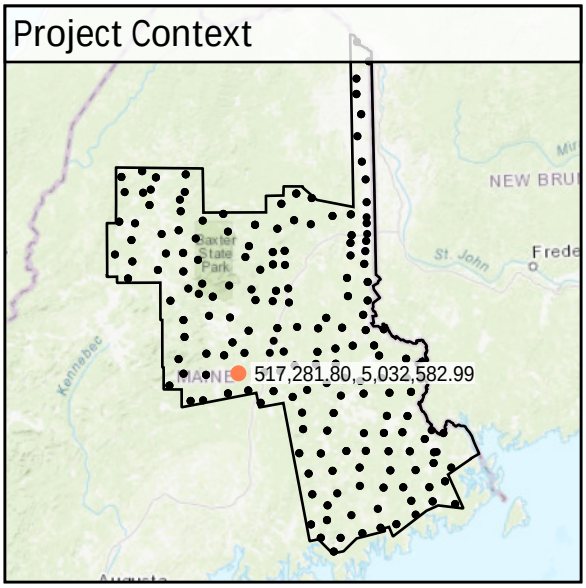
NVA - BE62

All Points TIN Dz -0.07 m

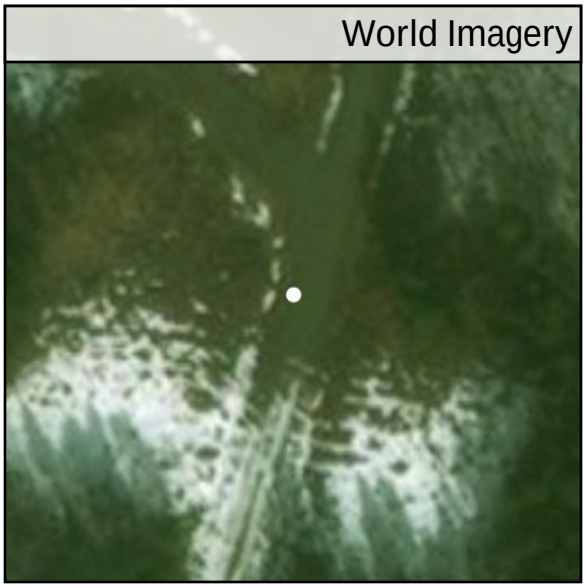
BE63

Known Z	170.79 m	Point Density	3.01 ppsm
DEM Dz	0.03 m	Ground Density	3.01 ppsm
All Points TIN Dz	0.02 m	Slope	2.96 °

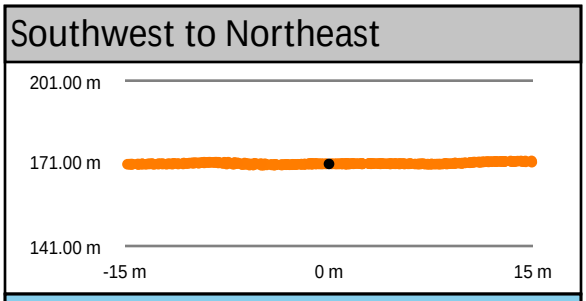
Project Context



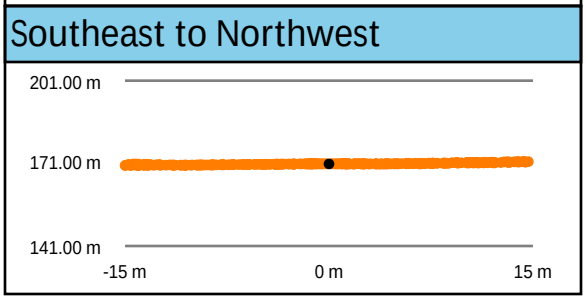
World Imagery



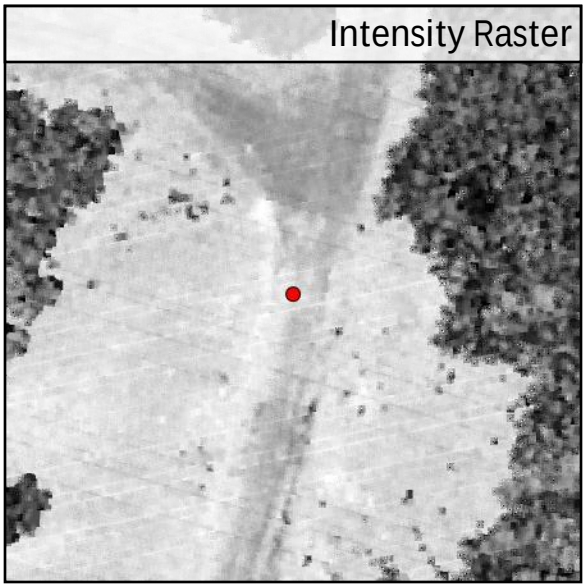
Southwest to Northeast



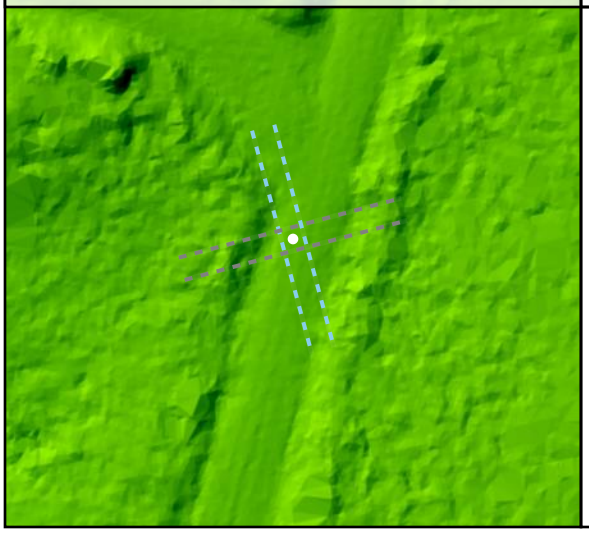
Southeast to Northwest



Intensity Raster

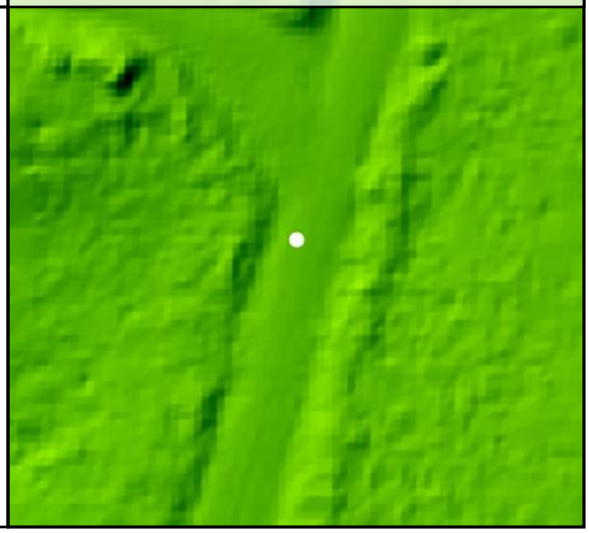


TIN Surface



Project Elevation

DEM Surface



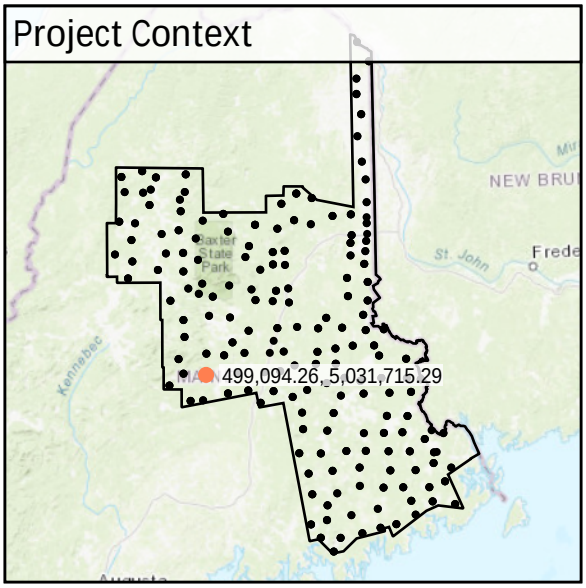
DEM Dz +0.03 m

NVA - BE63

All Points TIN Dz +0.02 m

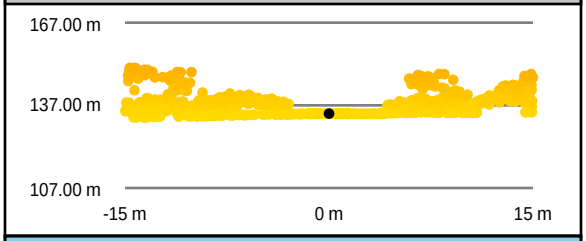
BE64				
	Known Z	134.00 m	Point Density	2.83 ppsm
	DEM Dz	-0.04 m	Ground Density	2.83 ppsm
	All Points TIN Dz	-0.05 m	Slope	0.87 °

Project Context

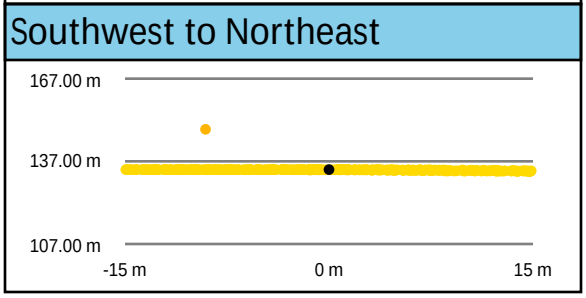


World Imagery

Southeast to Northwest

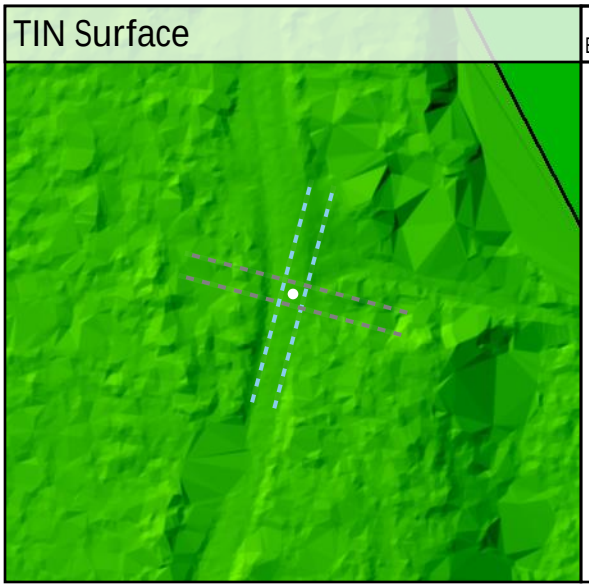


Southwest to Northeast



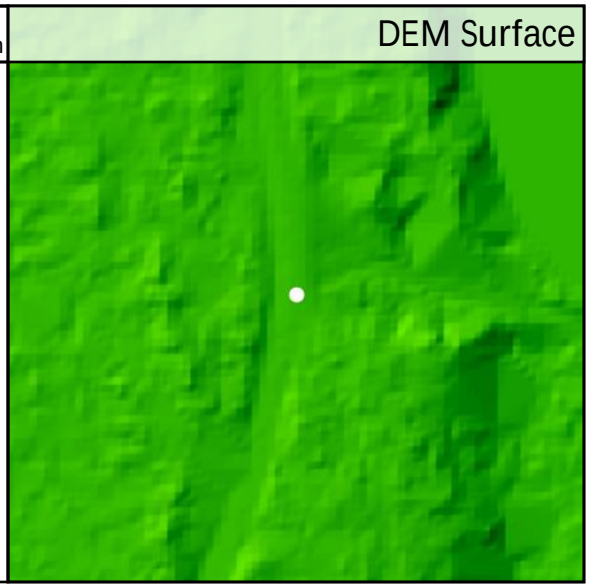
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



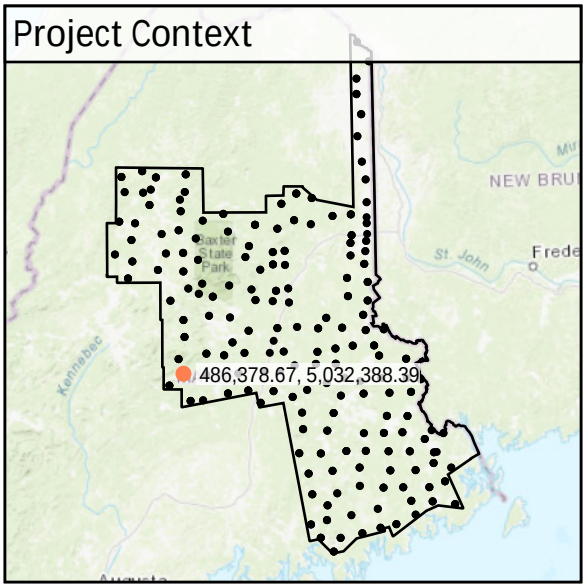
DEM Dz -0.04 m

NVA - BE64

All Points TIN Dz -0.05 m

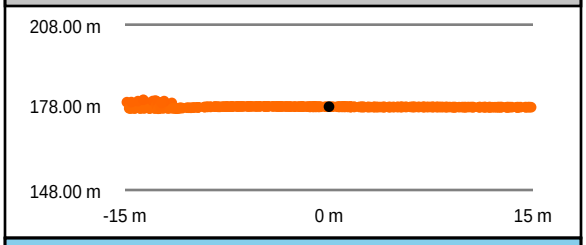
BE65				
	Known Z	178.24 m	Point Density	2.76 ppsm
	DEM Dz	-0.03 m	Ground Density	2.76 ppsm
	All Points TIN Dz	-0.02 m	Slope	1.90 °

Project Context

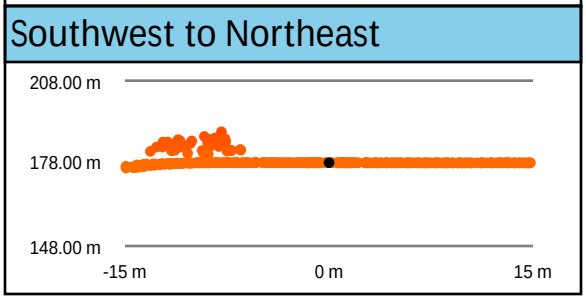


World Imagery

Southeast to Northwest

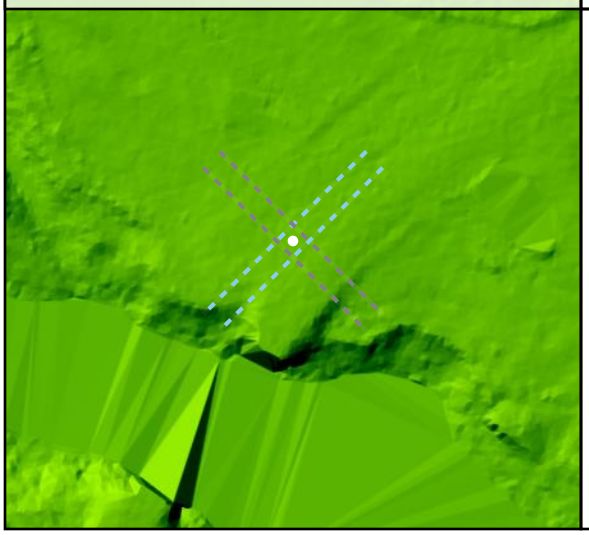


Southwest to Northeast



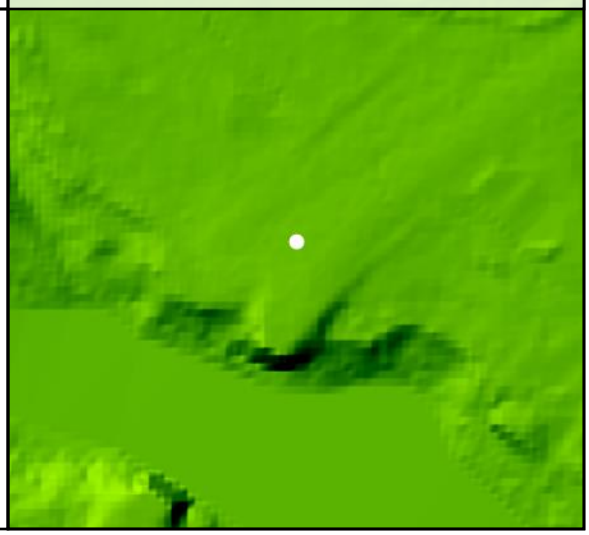
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

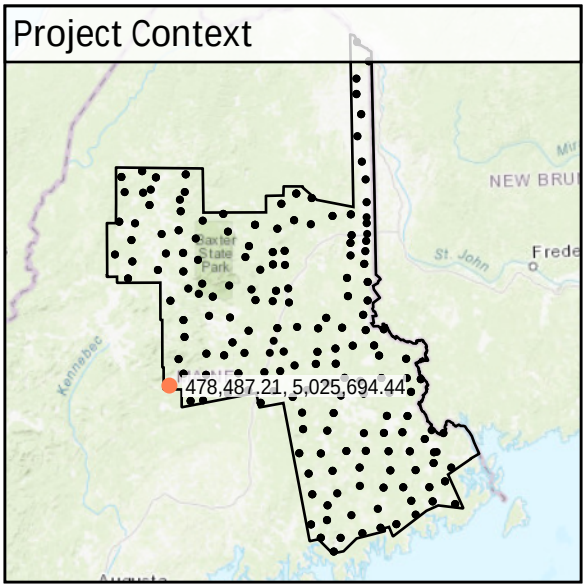
NVA - BE65

All Points TIN Dz -0.02 m

BE66

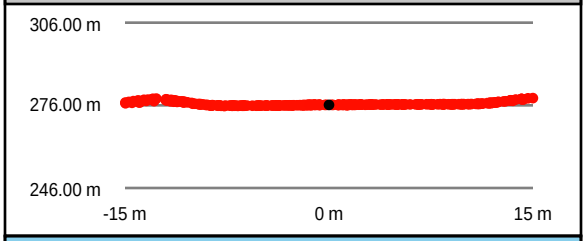
Known Z	276.15 m	Point Density	2.90 ppsm
DEM Dz	0.02 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.02 m	Slope	2.84 °

Project Context

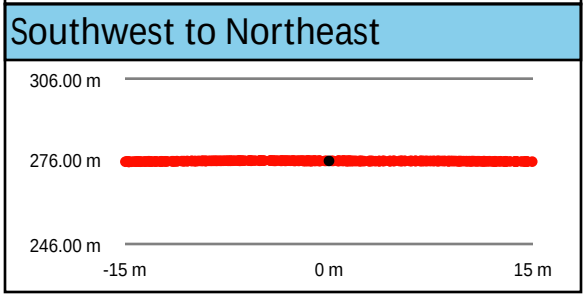


World Imagery

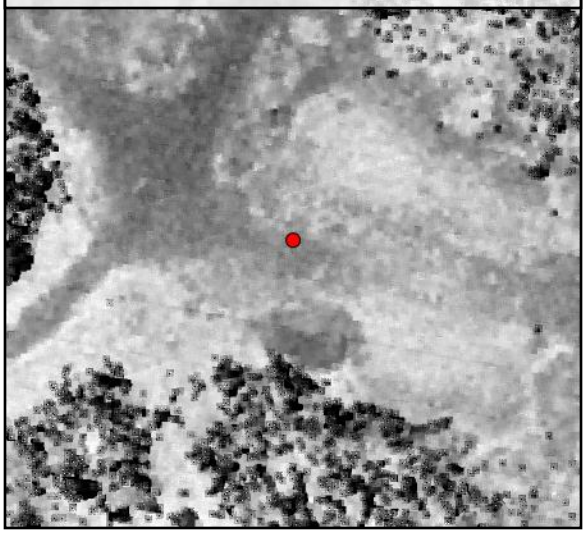
Southeast to Northwest



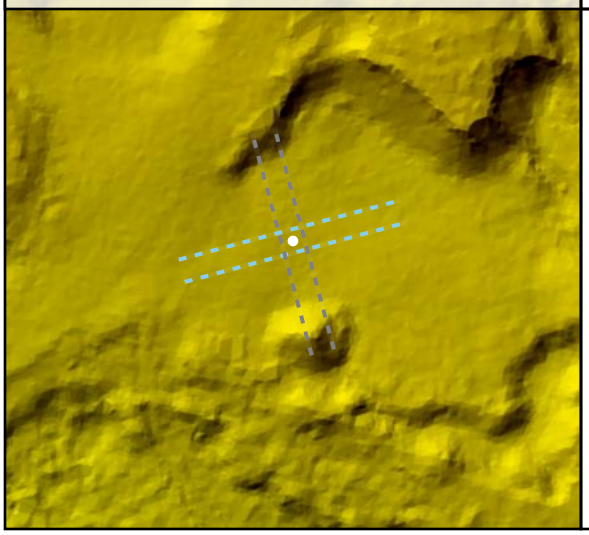
Southwest to Northeast



Intensity Raster

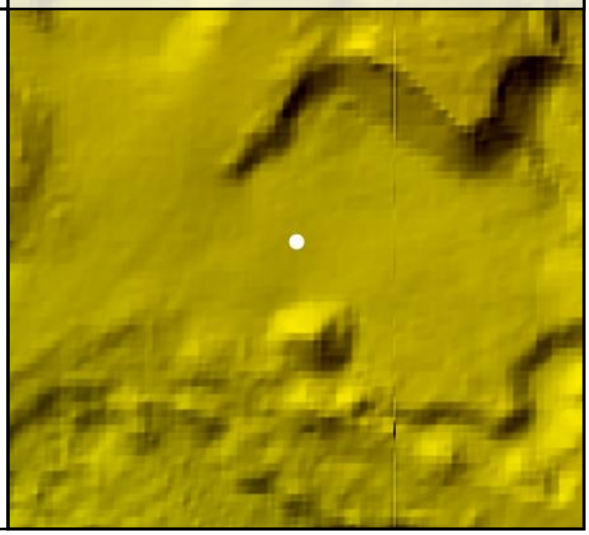


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

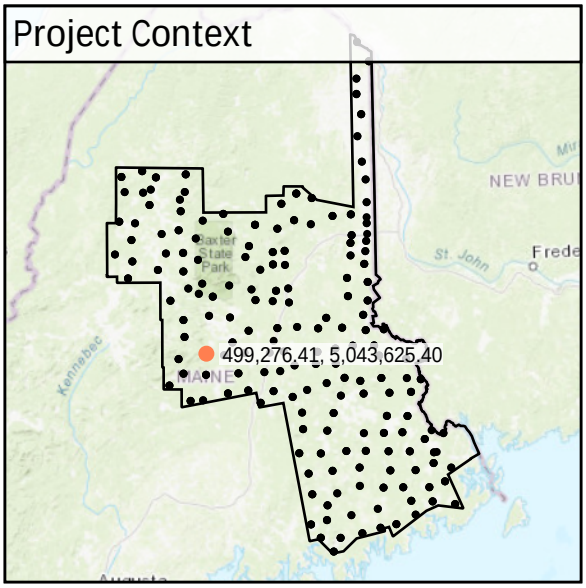
NVA - BE66

All Points TIN Dz +0.02 m

BE67

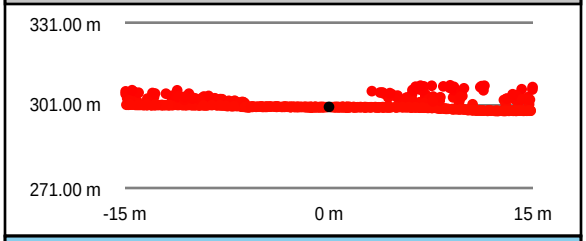
Known Z	300.43 m	Point Density	3.32 ppsm
DEM Dz	-0.09 m	Ground Density	3.32 ppsm
All Points TIN Dz	-0.09 m	Slope	2.82 °

Project Context

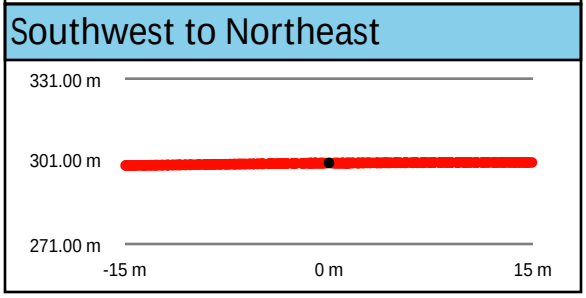


World Imagery

Southeast to Northwest

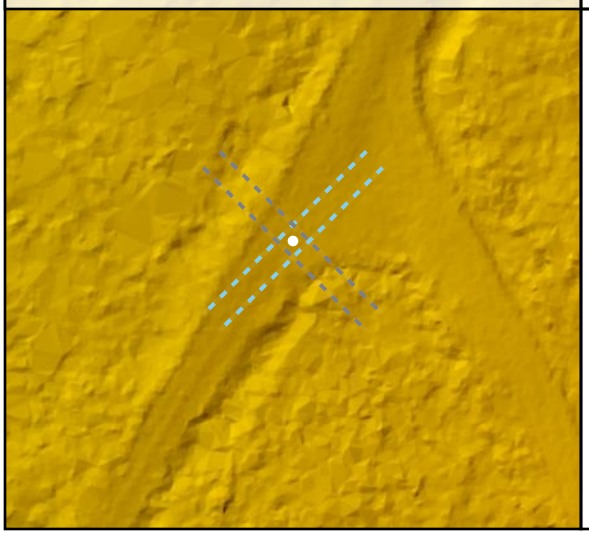


Southwest to Northeast



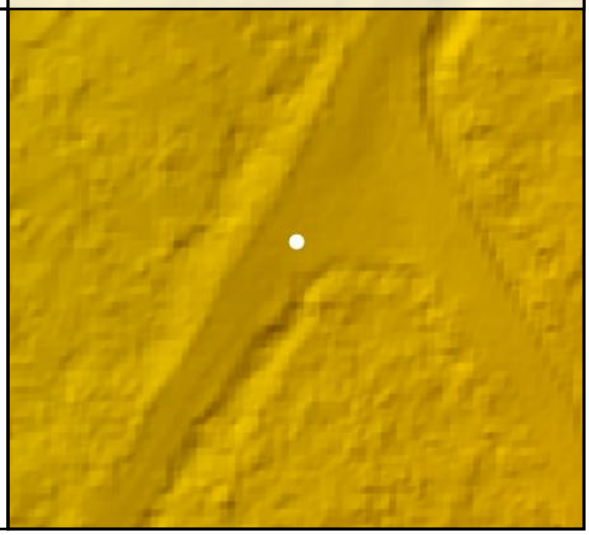
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.09 m

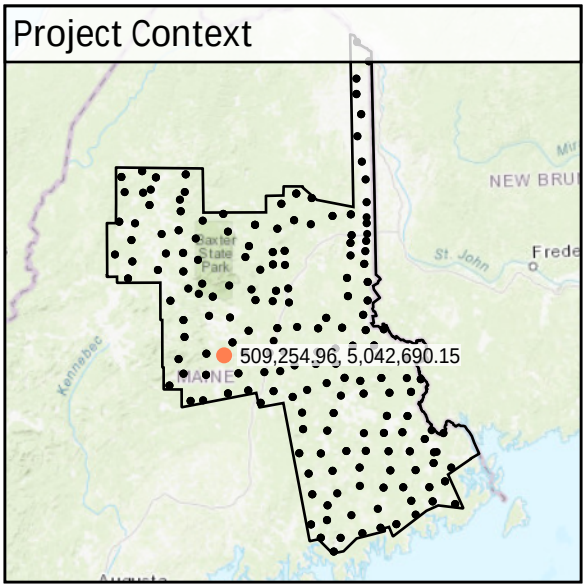
NVA - BE67

All Points TIN Dz -0.09 m

BE68

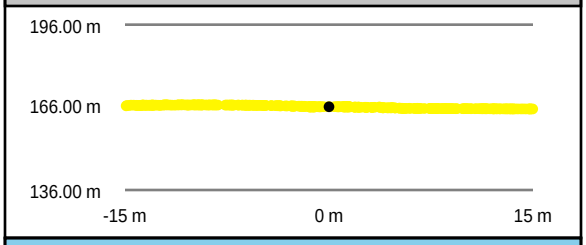
Known Z	166.20 m	Point Density	3.08 ppsm
DEM Dz	0.02 m	Ground Density	3.08 ppsm
All Points TIN Dz	0.02 m	Slope	5.22 °

Project Context

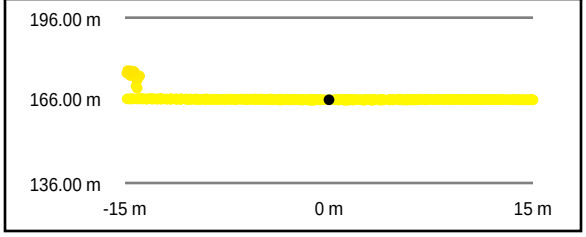


World Imagery

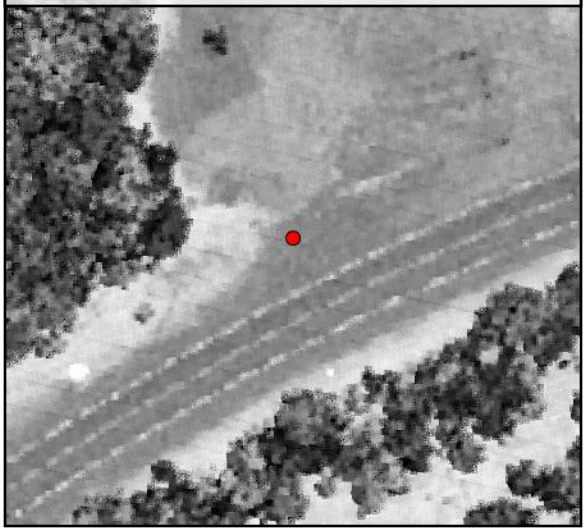
South to North



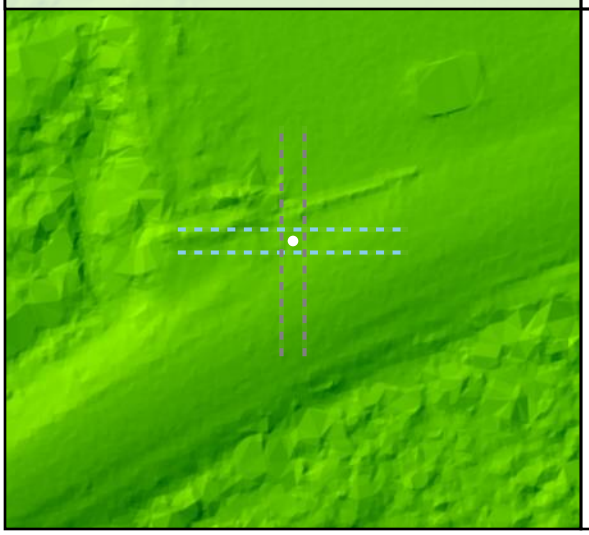
West to East



Intensity Raster

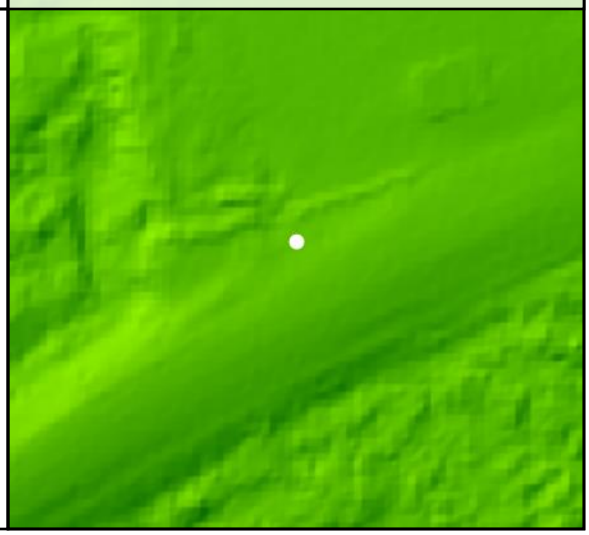


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

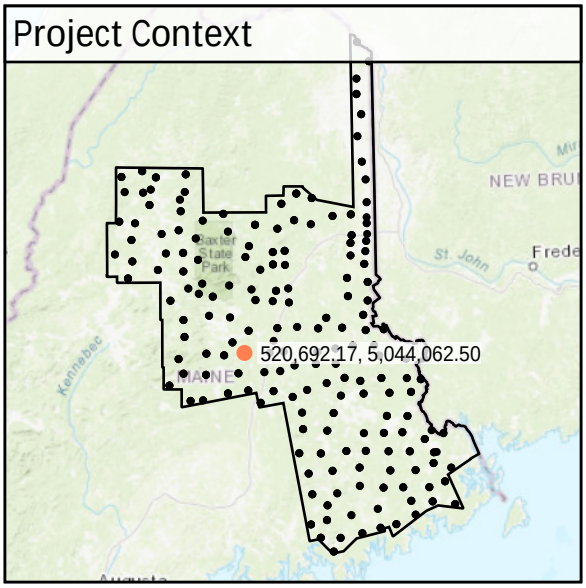
NVA - BE68

All Points TIN Dz +0.02 m

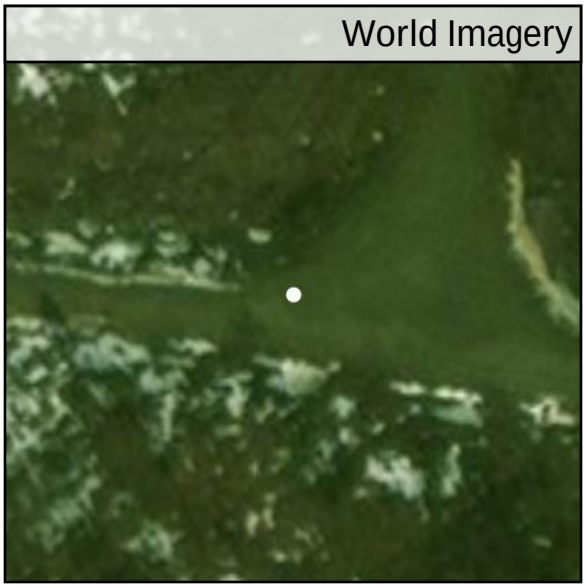
BE69

Known Z	196.54 m	Point Density	2.12 ppsm
DEM Dz	-0.08 m	Ground Density	2.12 ppsm
All Points TIN Dz	-0.08 m	Slope	1.30 °

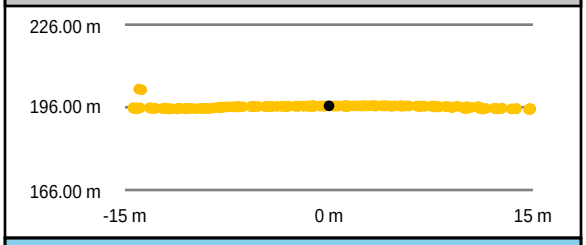
Project Context



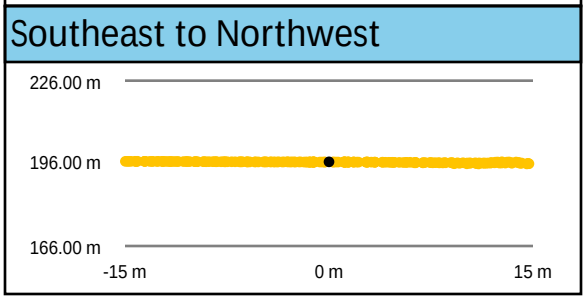
World Imagery



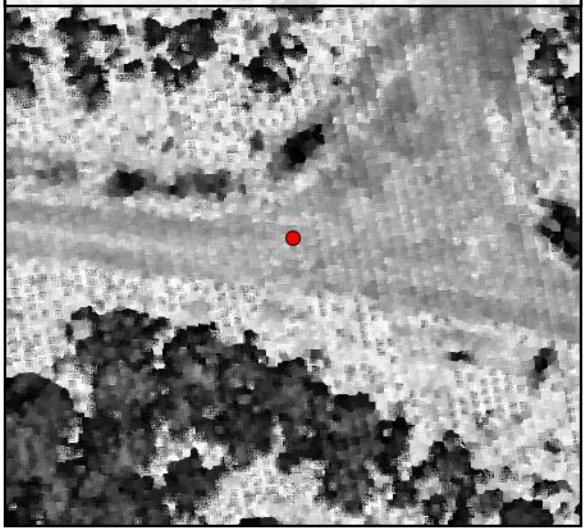
Southwest to Northeast



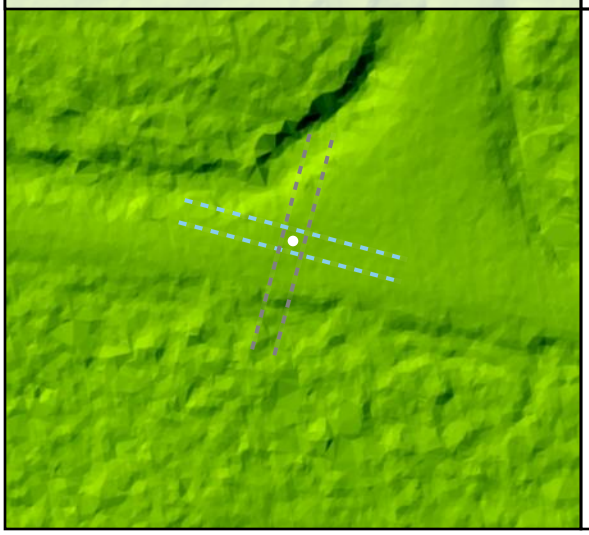
Southeast to Northwest



Intensity Raster

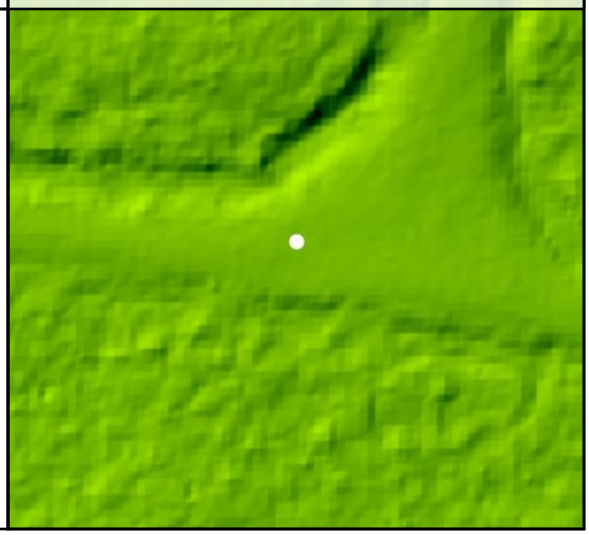


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

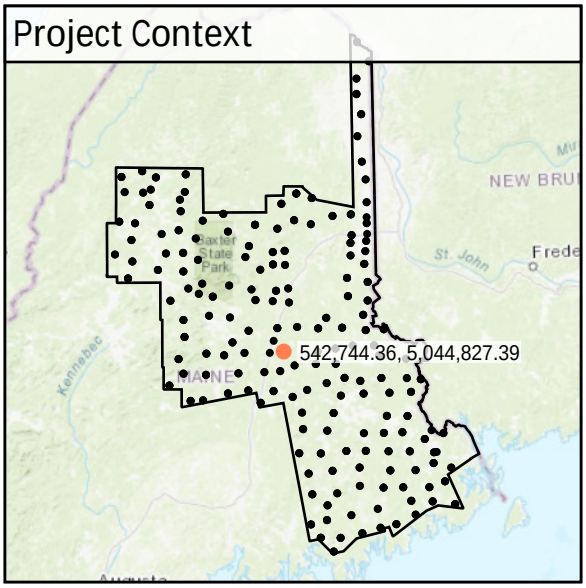
NVA - BE69

All Points TIN Dz -0.08 m

BE70

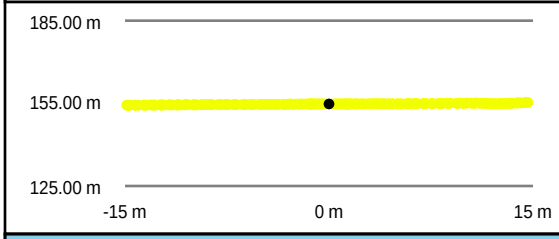
Known Z	154.77 m	Point Density	2.58 ppsm
DEM Dz	0.00 m	Ground Density	2.58 ppsm
All Points TIN Dz	0.01 m	Slope	1.28 °

Project Context

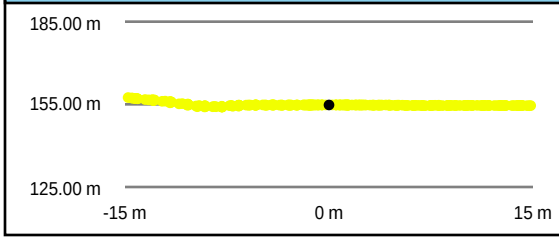


World Imagery

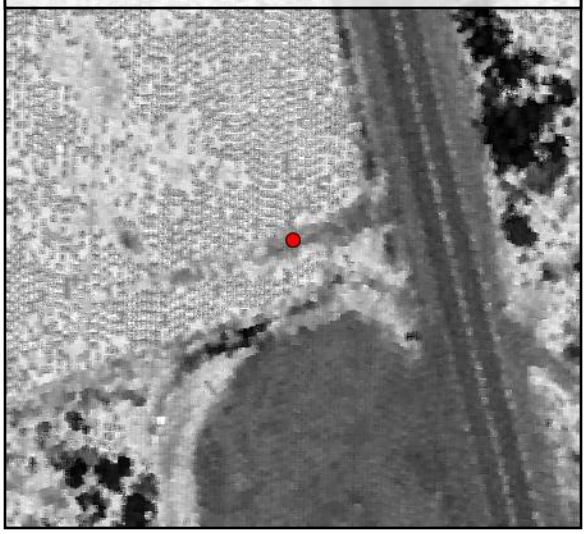
West to East



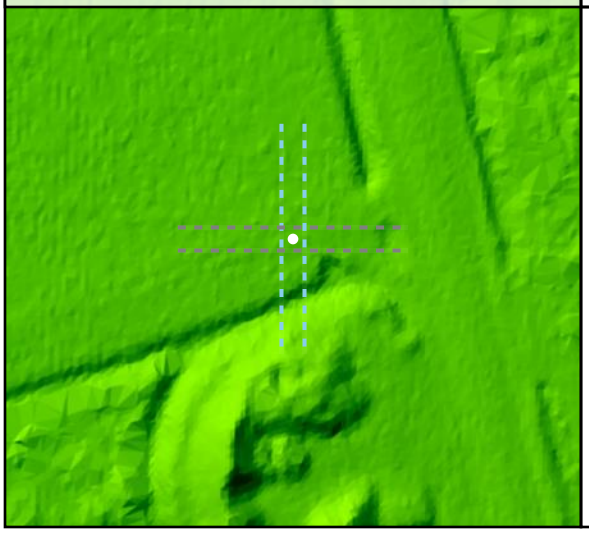
South to North



Intensity Raster

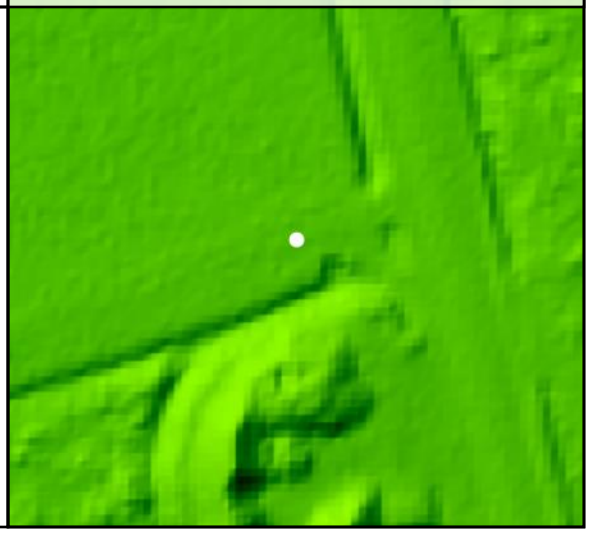


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

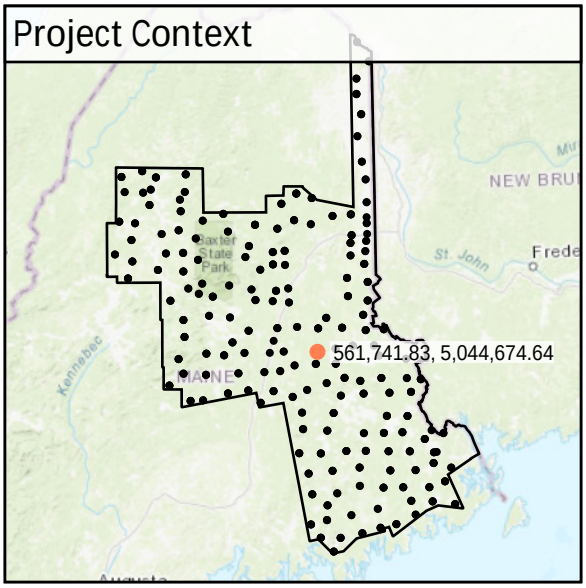
NVA - BE70

All Points TIN Dz +0.01 m

BE71

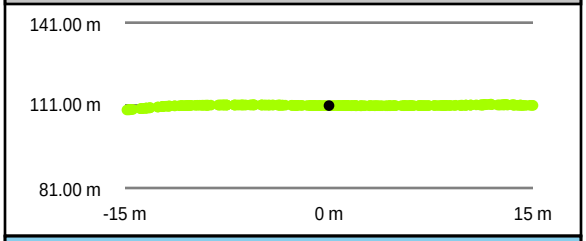
Known Z	110.90 m	Point Density	2.76 ppsm
DEM Dz	0.01 m	Ground Density	2.76 ppsm
All Points TIN Dz	-0.01 m	Slope	1.52 °

Project Context

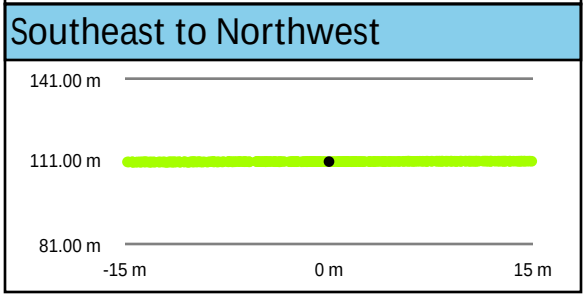


World Imagery

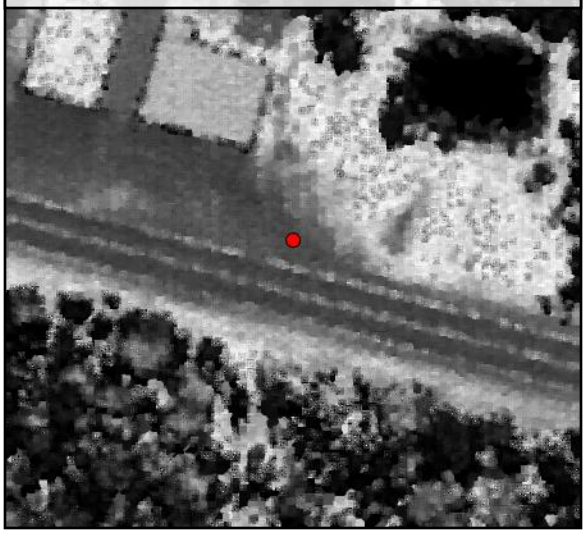
Southwest to Northeast



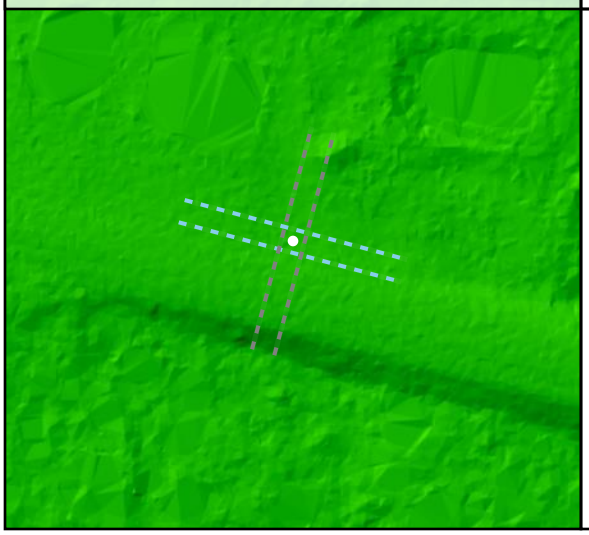
Southeast to Northwest



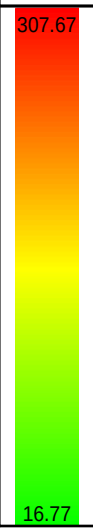
Intensity Raster



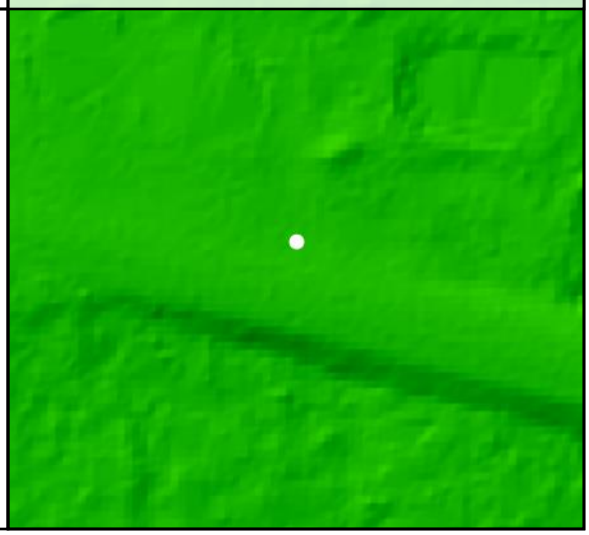
TIN Surface



Project Elevation



DEM Surface



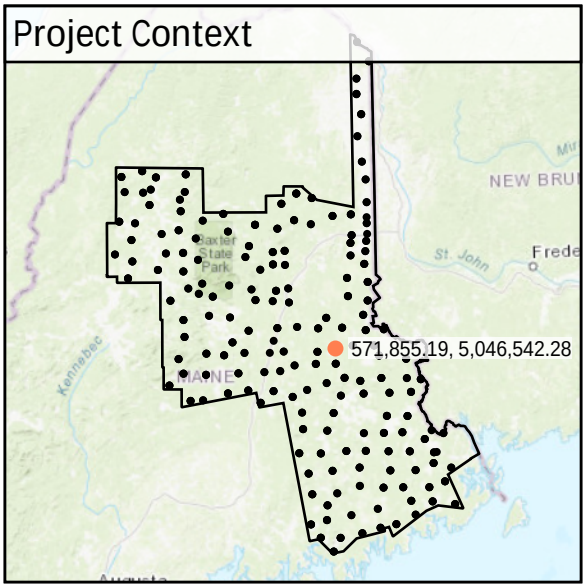
DEM Dz +0.01 m

NVA - BE71

All Points TIN Dz -0.01 m

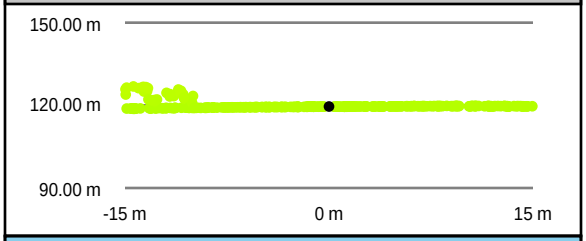
BE72				
	Known Z	119.57 m	Point Density	2.69 ppsm
	DEM Dz	-0.05 m	Ground Density	2.69 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.50 °

Project Context

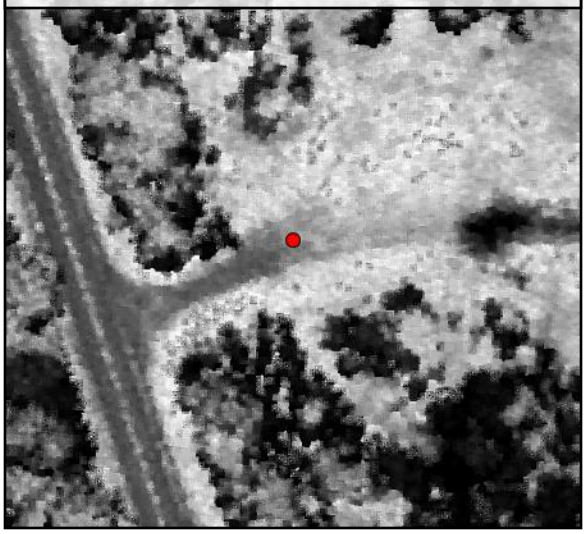


World Imagery

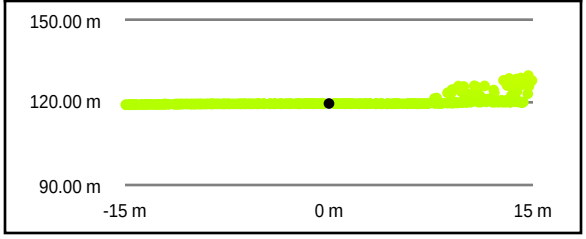
Southwest to Northeast



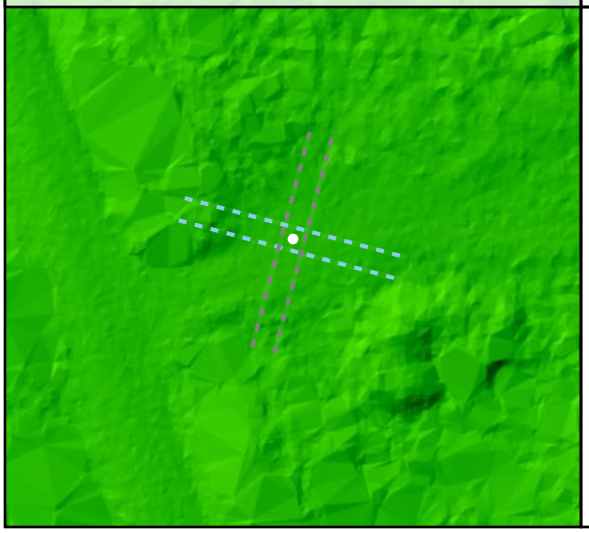
Intensity Raster



Southeast to Northwest

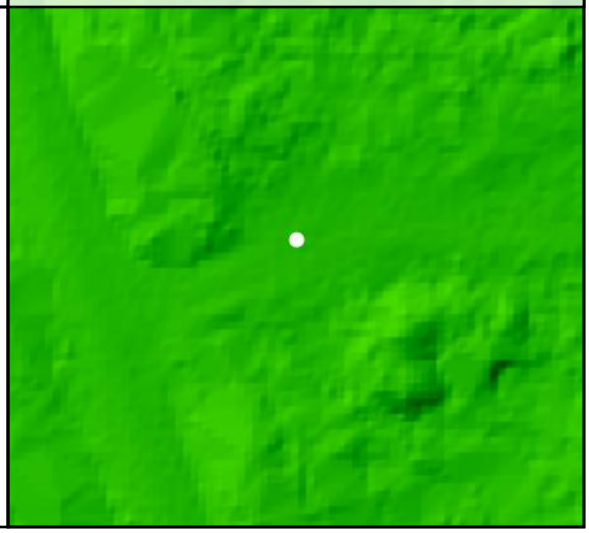


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

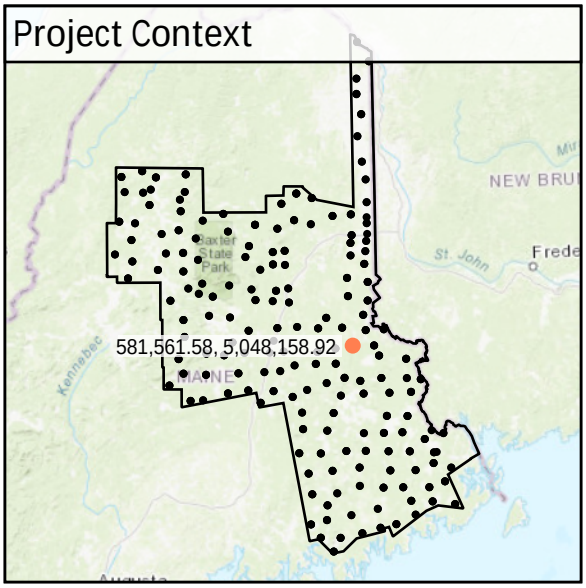
NVA - BE72

All Points TIN Dz -0.05 m

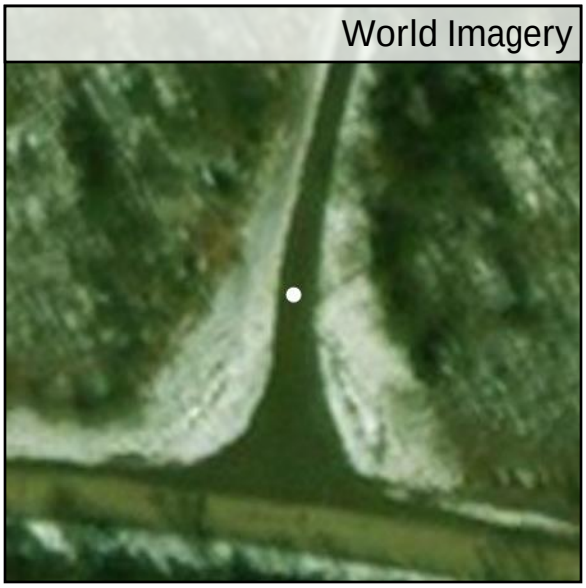
BE73

Known Z	169.17 m	Point Density	2.33 ppsm
DEM Dz	0.05 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.04 m	Slope	3.03 °

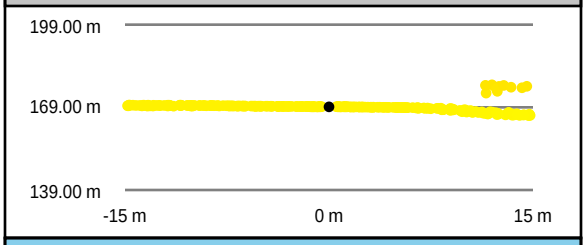
Project Context



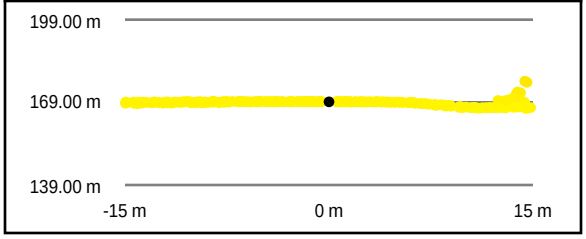
World Imagery



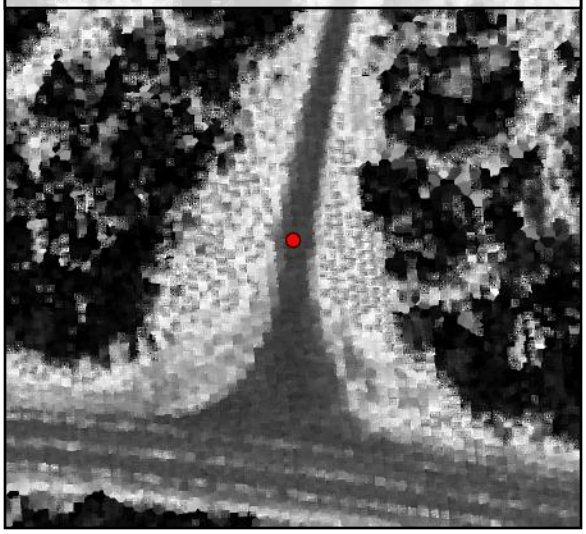
Southwest to Northeast



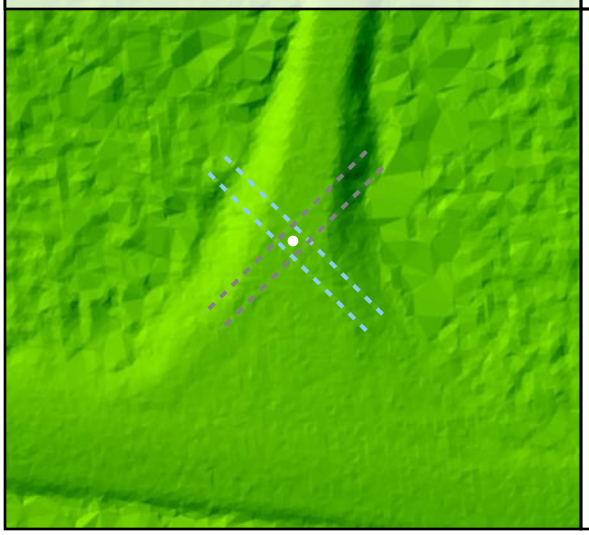
Southeast to Northwest



Intensity Raster

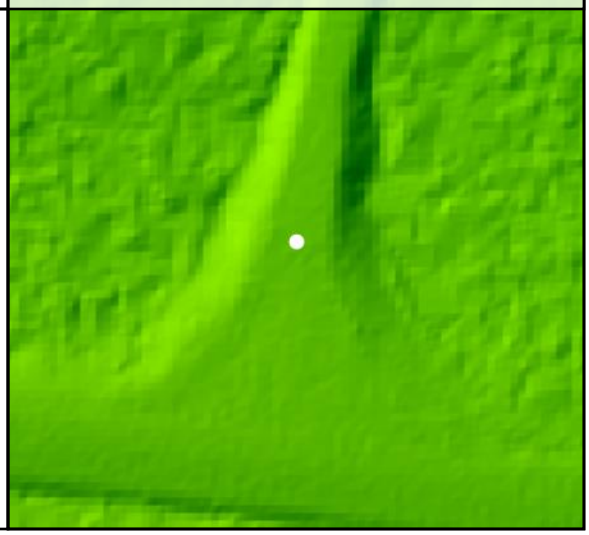


TIN Surface



Project Elevation

DEM Surface



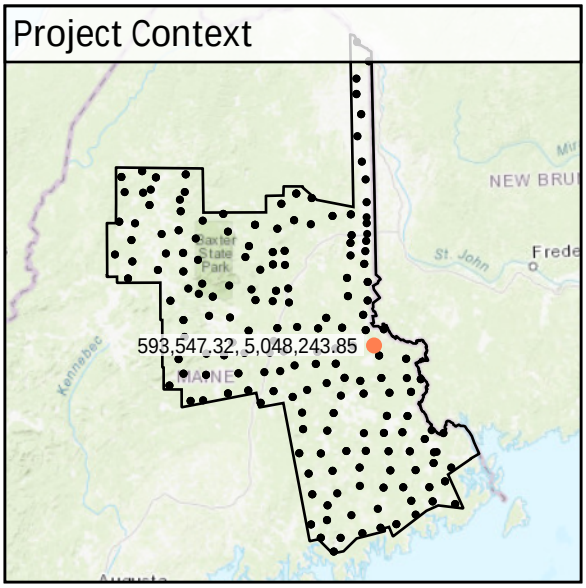
DEM Dz +0.05 m

NVA - BE73

All Points TIN Dz +0.04 m

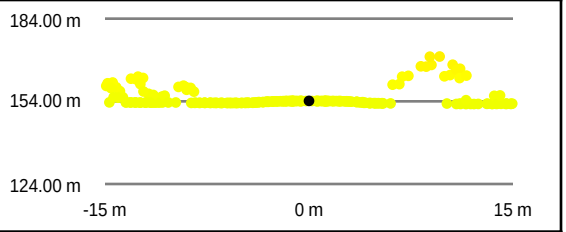
BE74				
	Known Z	154.16 m	Point Density	2.58 ppsm
	DEM Dz	-0.06 m	Ground Density	2.58 ppsm
	All Points TIN Dz	-0.05 m	Slope	0.66 °

Project Context

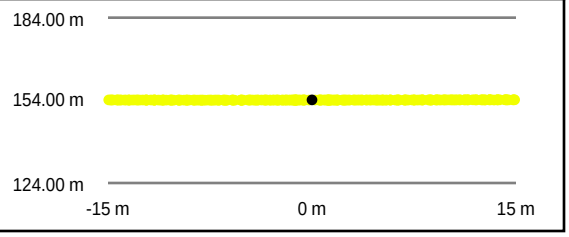


World Imagery

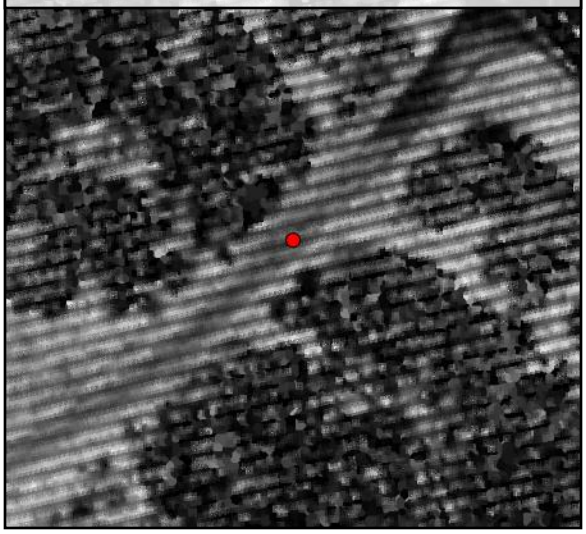
Southeast to Northwest



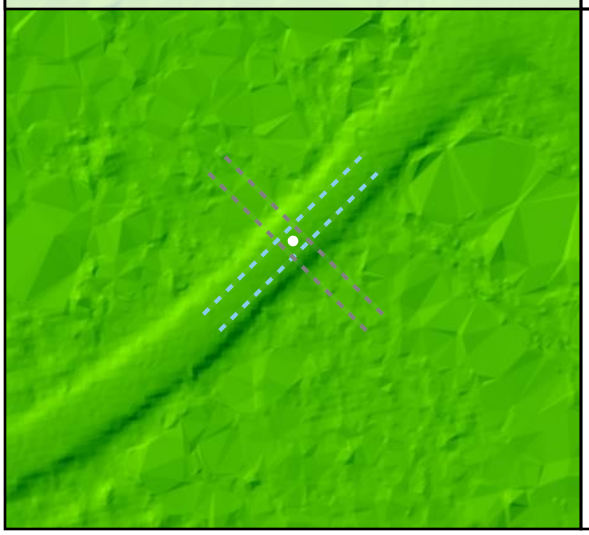
Southwest to Northeast



Intensity Raster

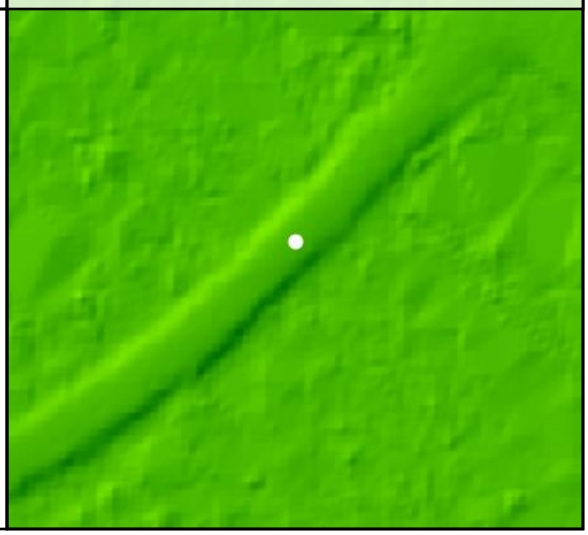


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

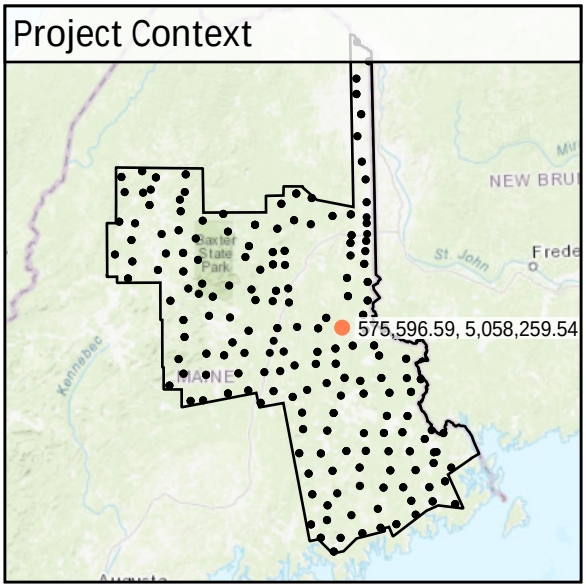
NVA - BE74

All Points TIN Dz -0.05 m

BE75

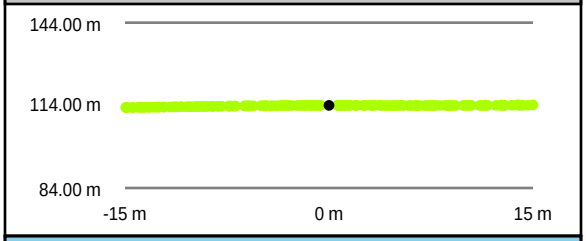
Known Z	113.98 m	Point Density	1.59 ppsm
DEM Dz	0.03 m	Ground Density	1.59 ppsm
All Points TIN Dz	0.04 m	Slope	0.49 °

Project Context

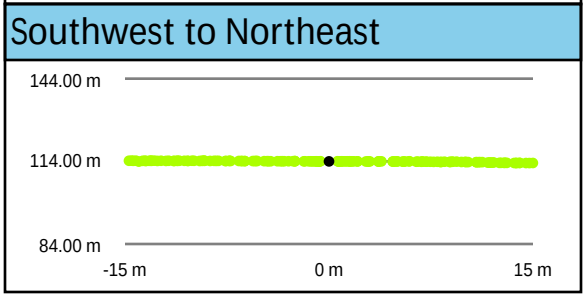


World Imagery

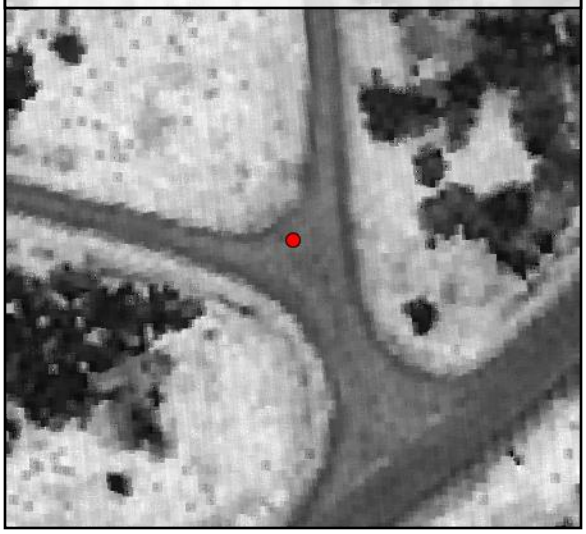
Southeast to Northwest



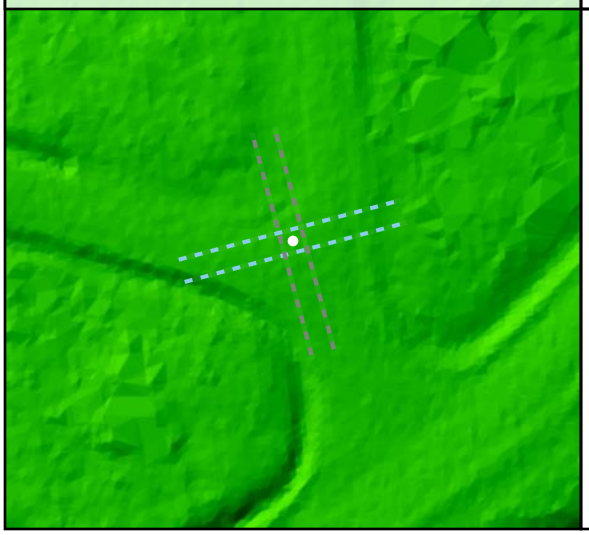
Southwest to Northeast



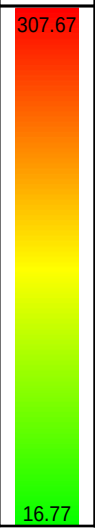
Intensity Raster



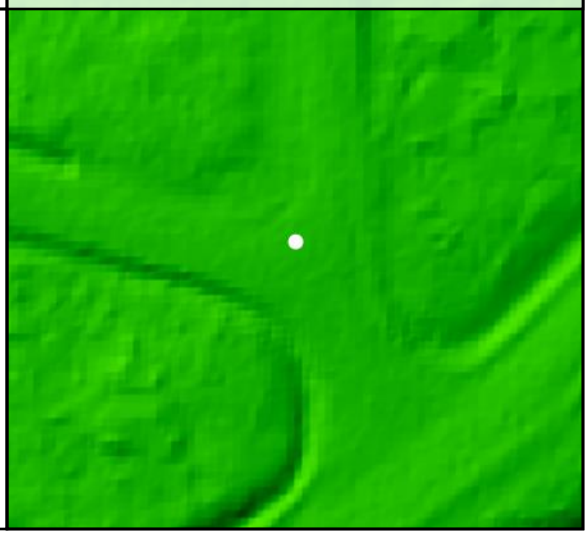
TIN Surface



Project Elevation



DEM Surface



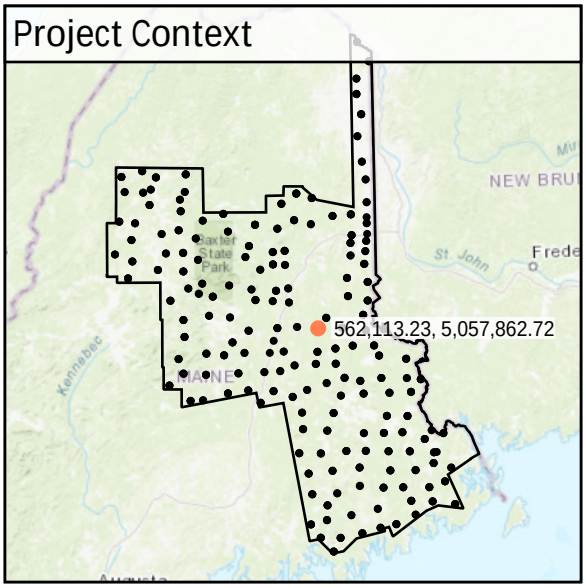
DEM Dz +0.03 m

NVA - BE75

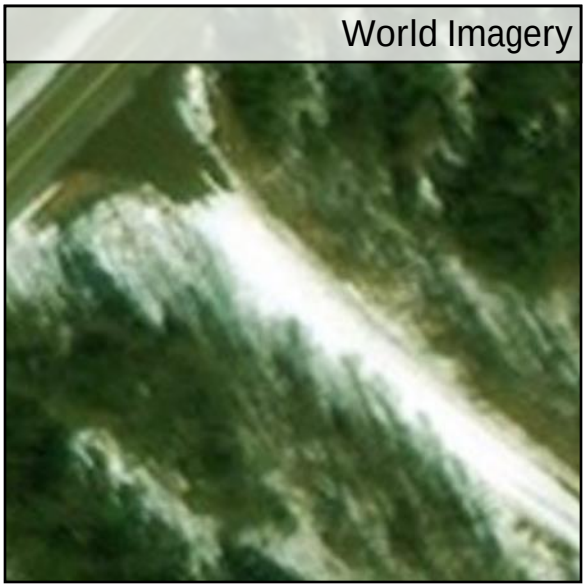
All Points TIN Dz +0.04 m

BE76				
	Known Z	165.76 m	Point Density	1.87 ppsm
	DEM Dz	-0.05 m	Ground Density	1.87 ppsm
	All Points TIN Dz	-0.07 m	Slope	2.19 °

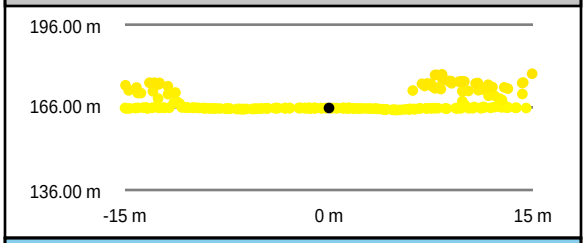
Project Context



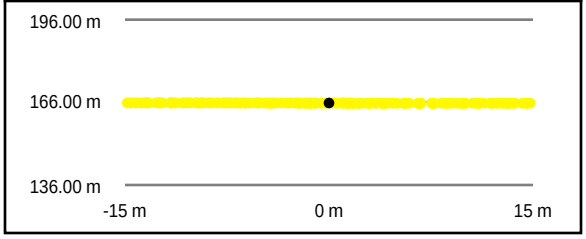
World Imagery



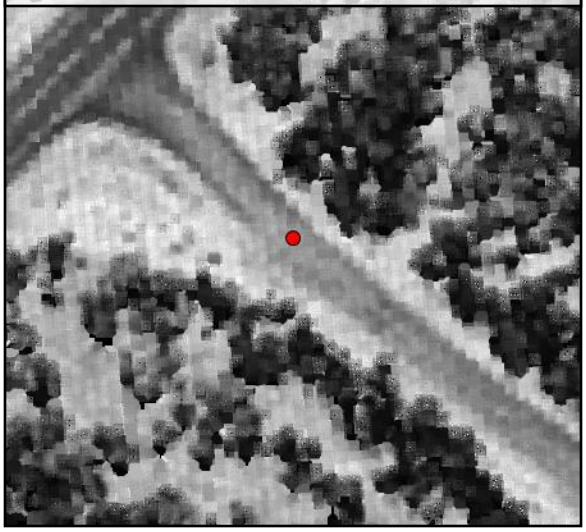
Southwest to Northeast



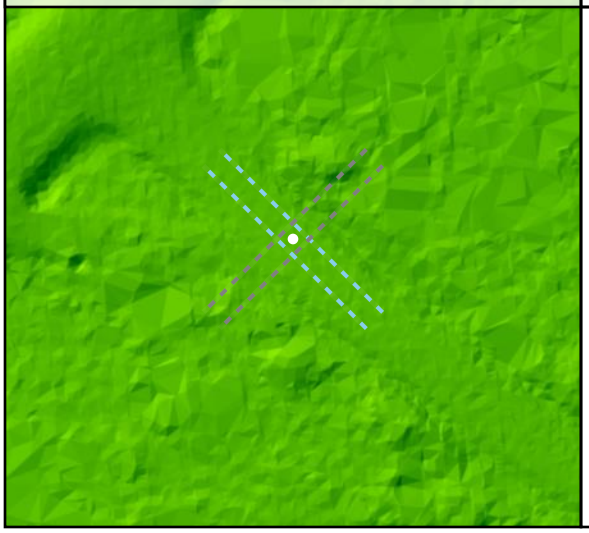
Southeast to Northwest



Intensity Raster

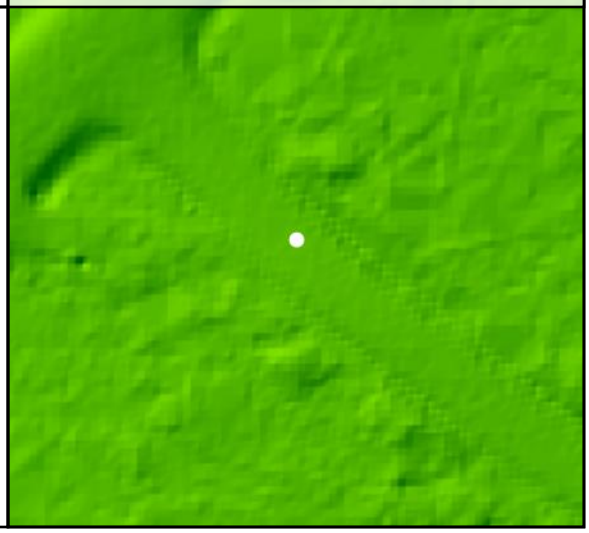


TIN Surface



Project Elevation

DEM Surface



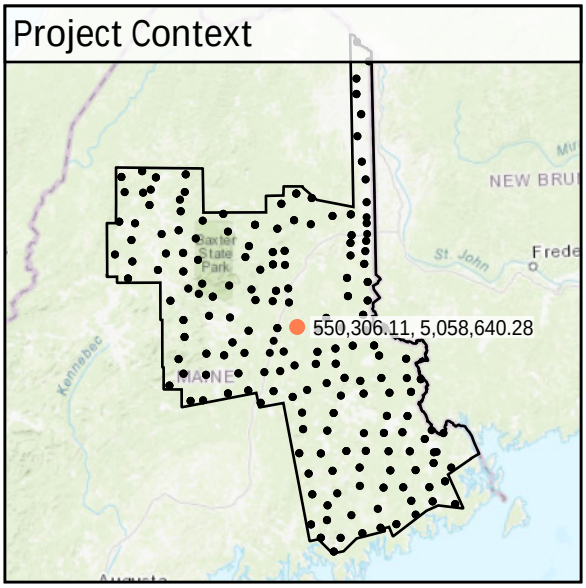
DEM Dz -0.05 m

NVA - BE76

All Points TIN Dz -0.07 m

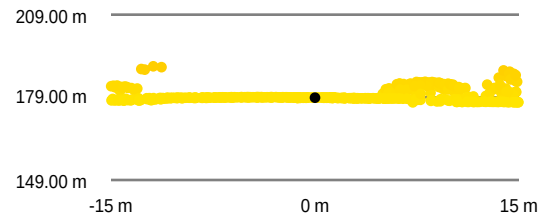
BE77				
	Known Z	178.87 m	Point Density	3.43 ppsm
	DEM Dz	0.02 m	Ground Density	3.40 ppsm
	All Points TIN Dz	0.04 m	Slope	4.06 °

Project Context

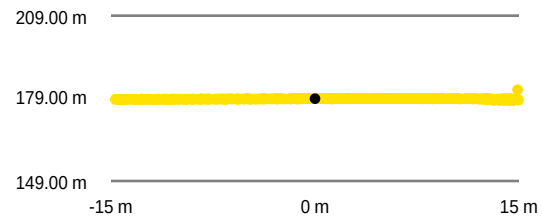


World Imagery

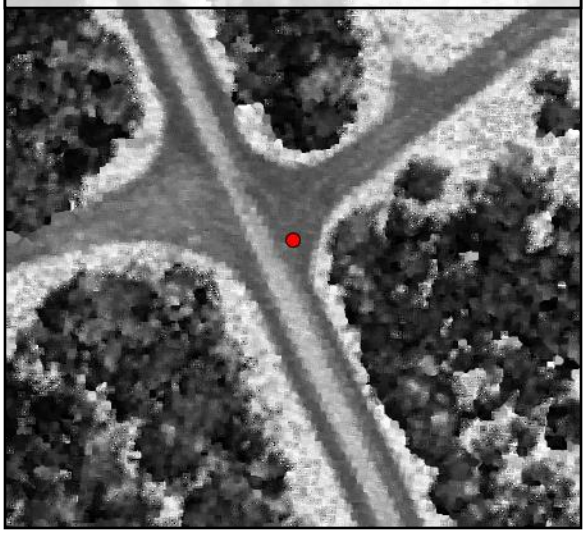
Southwest to Northeast



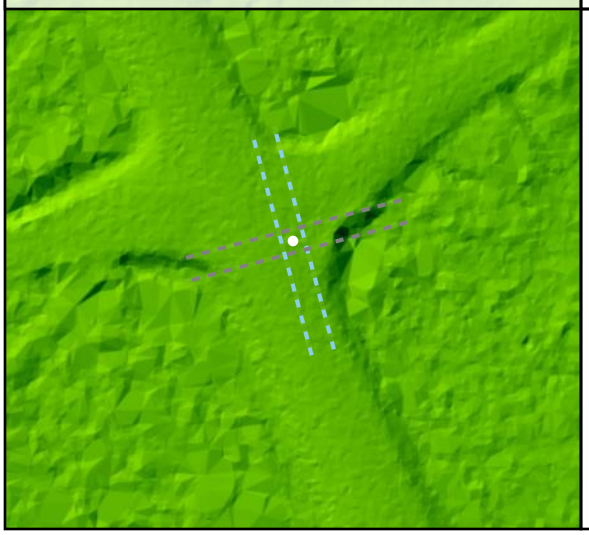
Southeast to Northwest



Intensity Raster

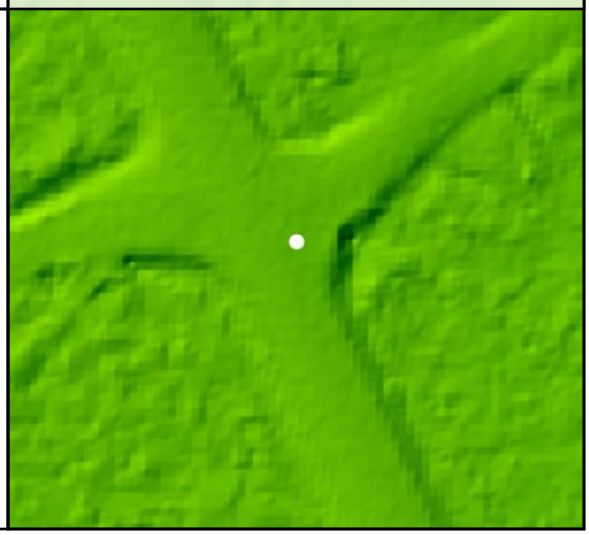


TIN Surface



Project Elevation

DEM Surface



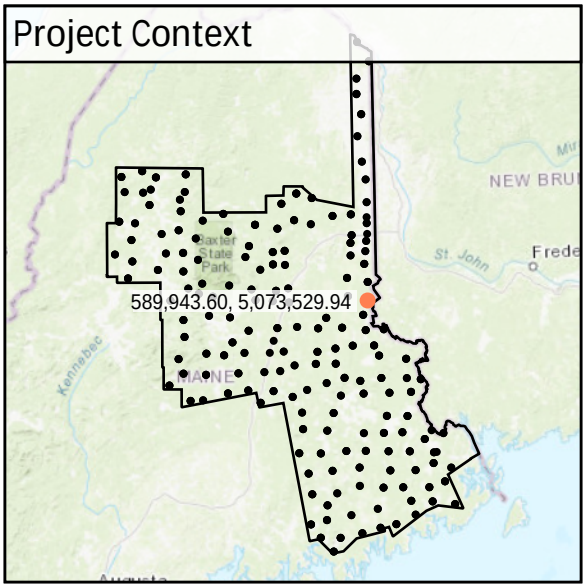
DEM Dz +0.02 m

NVA - BE77

All Points TIN Dz +0.04 m

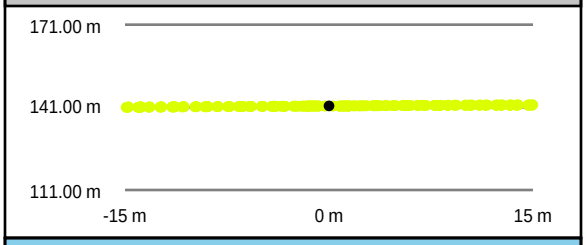
BE78				
	Known Z	141.52 m	Point Density	2.97 ppsm
	DEM Dz	-0.05 m	Ground Density	2.97 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.69 °

Project Context

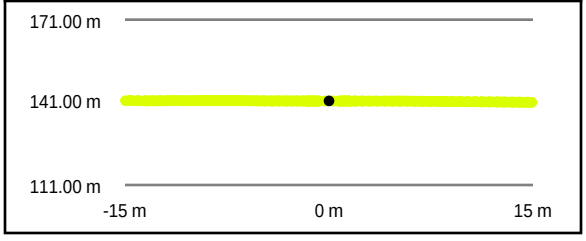


World Imagery

Southwest to Northeast

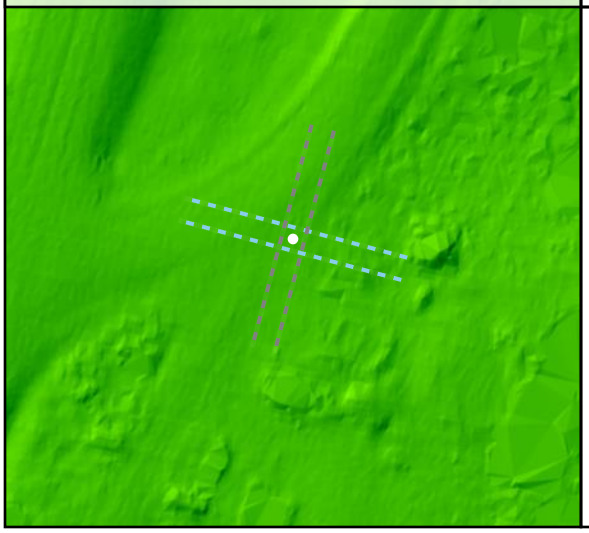


Southeast to Northwest



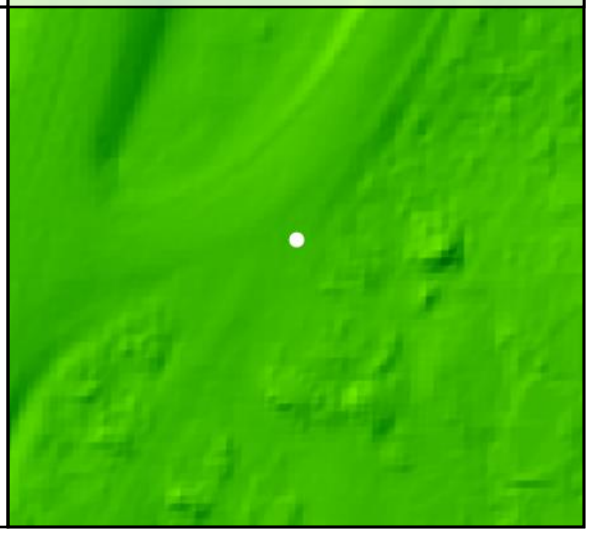
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

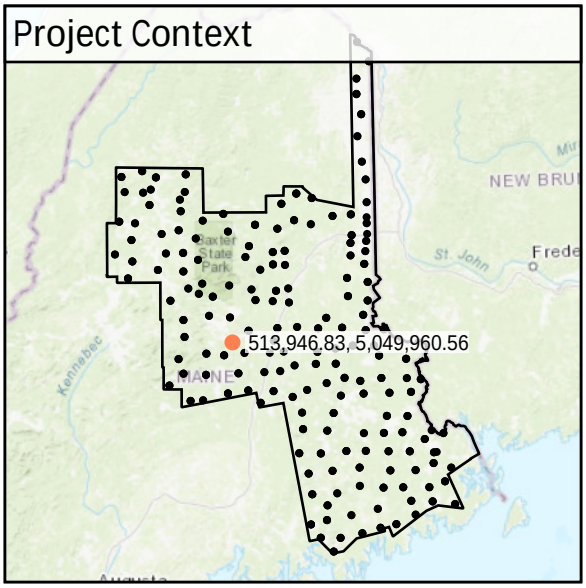
NVA - BE78

All Points TIN Dz -0.05 m

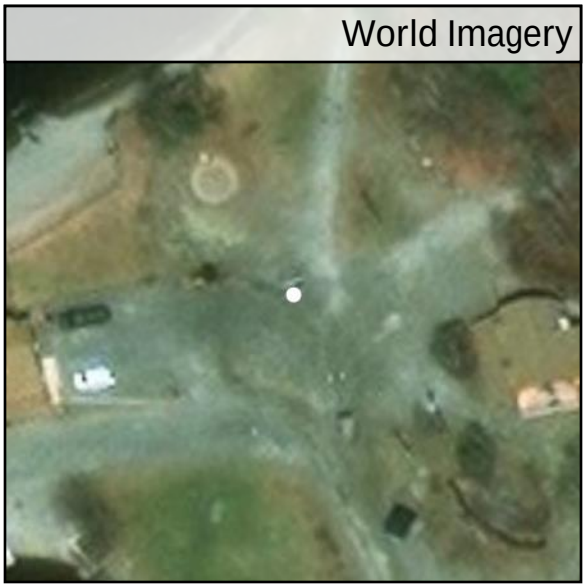
BE79

Known Z	150.46 m	Point Density	2.97 ppsm
DEM Dz	-0.05 m	Ground Density	2.97 ppsm
All Points TIN Dz	-0.05 m	Slope	1.73 °

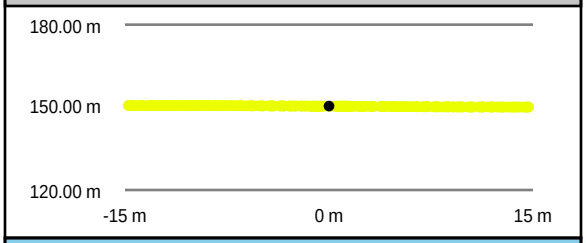
Project Context



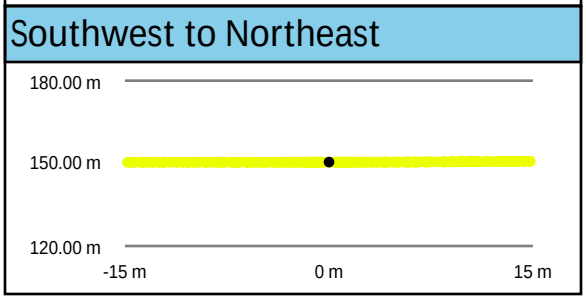
World Imagery



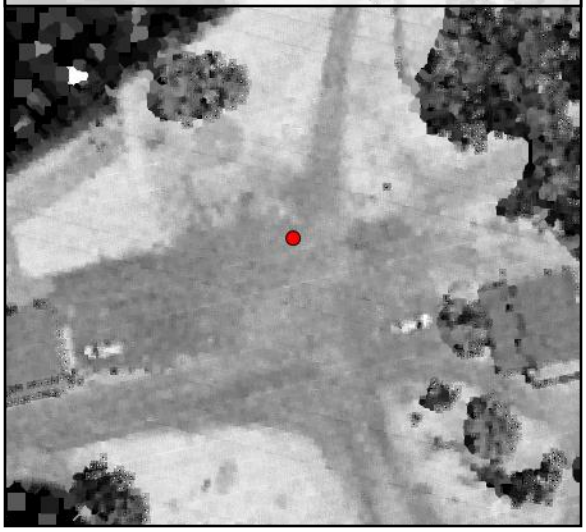
Southeast to Northwest



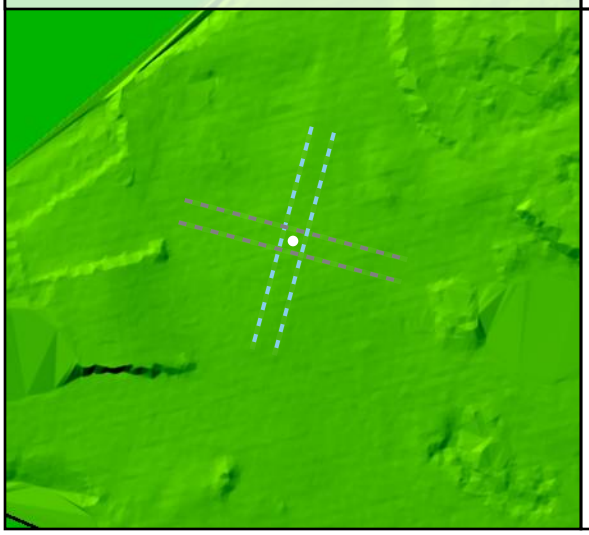
Southwest to Northeast



Intensity Raster

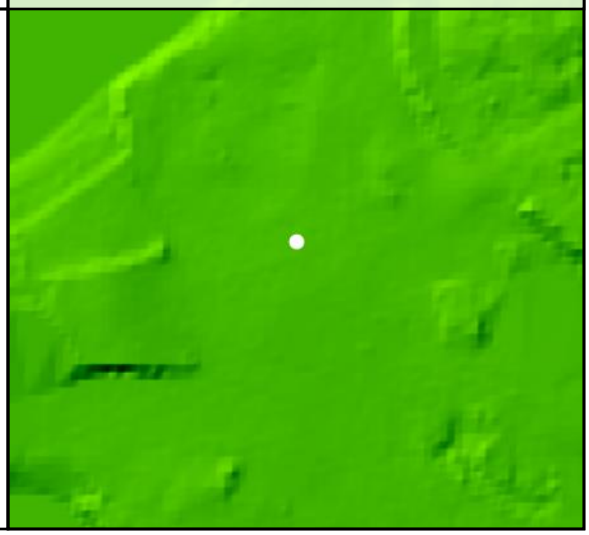


TIN Surface



Project Elevation

DEM Surface



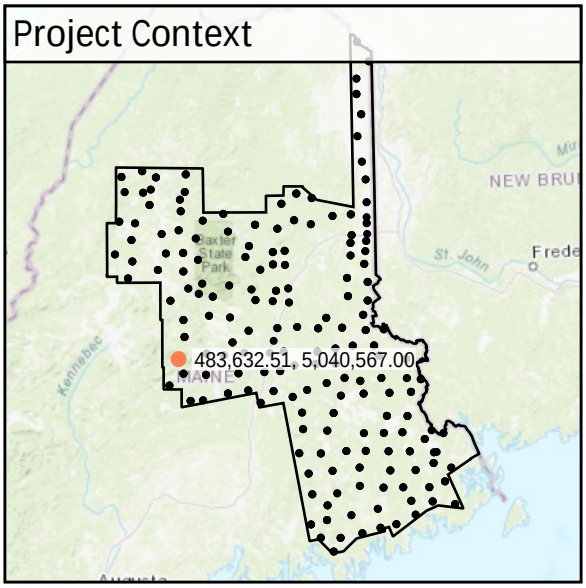
DEM Dz -0.05 m

NVA - BE79

All Points TIN Dz -0.05 m

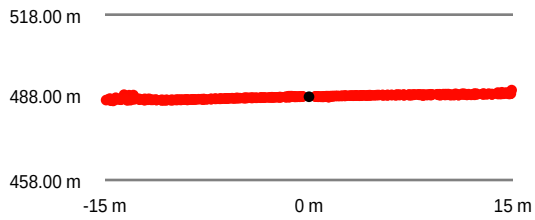
BE80				
	Known Z	488.21 m	Point Density	3.08 ppsm
	DEM Dz	0.07 m	Ground Density	3.08 ppsm
	All Points TIN Dz	0.08 m	Slope	6.54 °

Project Context

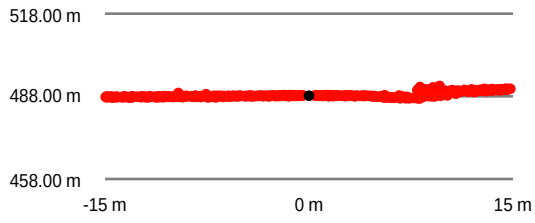


World Imagery

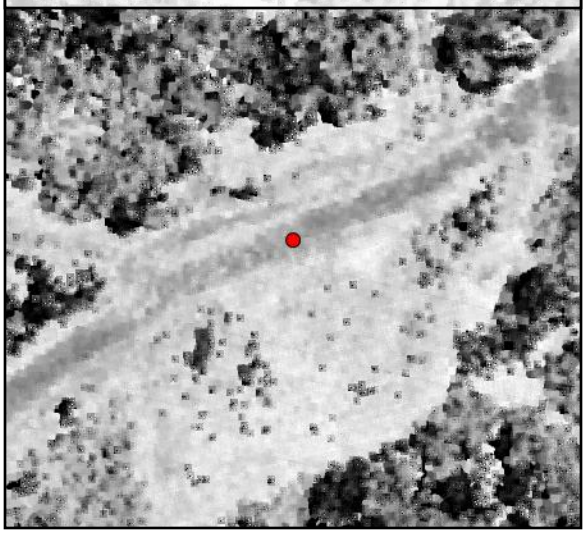
Southwest to Northeast



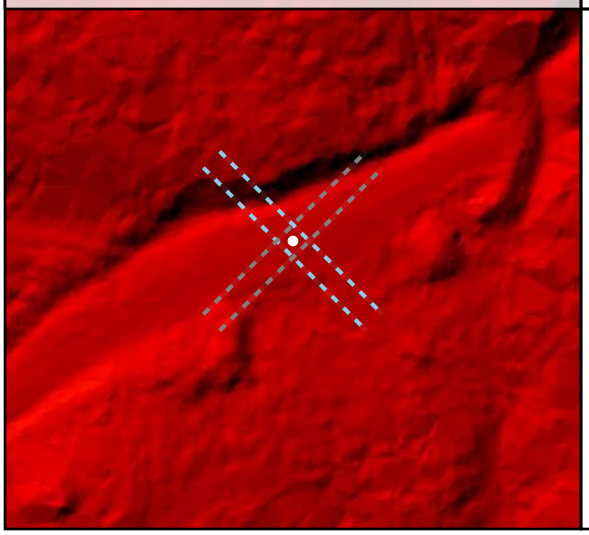
Southeast to Northwest



Intensity Raster

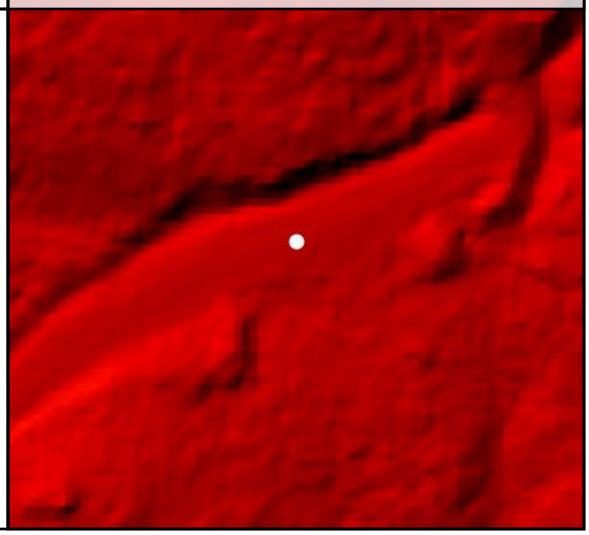


TIN Surface



Project Elevation

DEM Surface



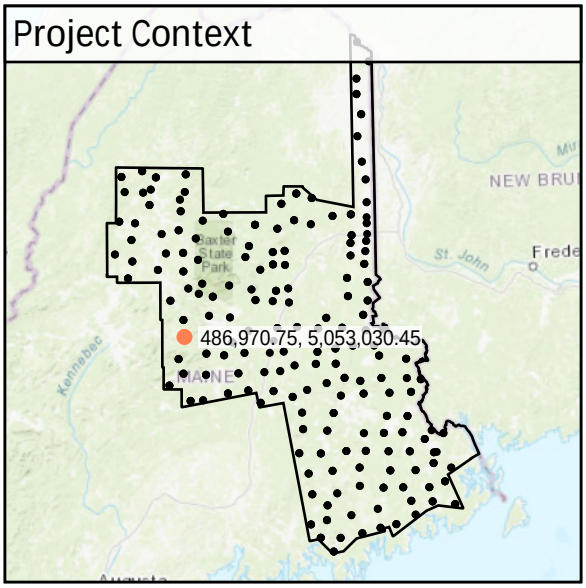
DEM Dz +0.07 m

NVA - BE80

All Points TIN Dz +0.08 m

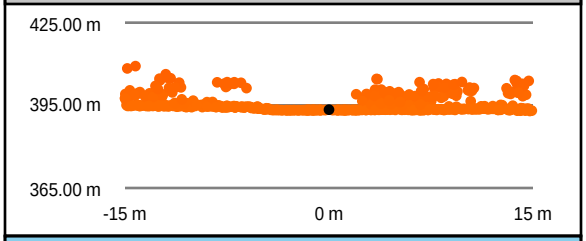
BE81				
	Known Z	393.42 m	Point Density	3.57 ppsm
	DEM Dz	-0.11 m	Ground Density	3.43 ppsm
	All Points TIN Dz	-0.11 m	Slope	1.44 °

Project Context

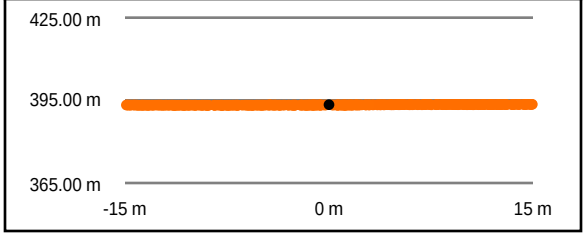


World Imagery

Southeast to Northwest

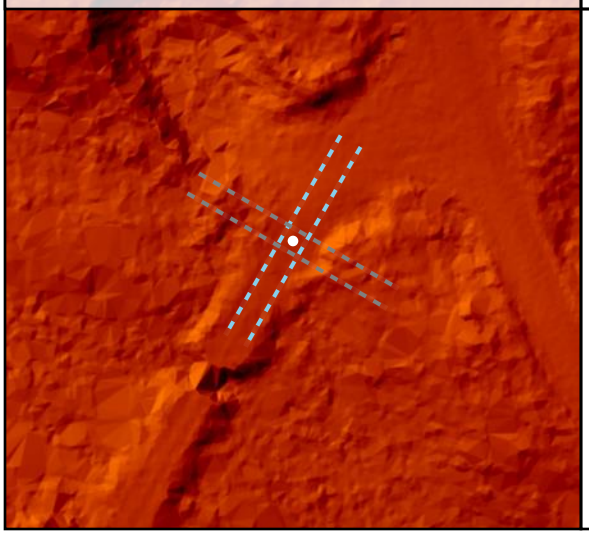


Southwest to Northeast



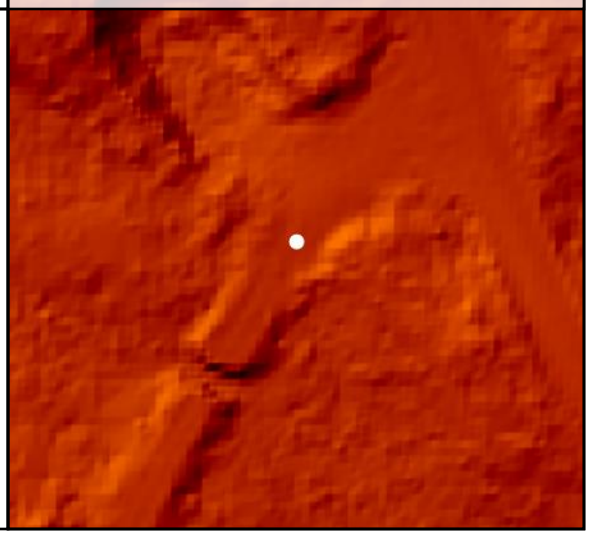
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.11 m

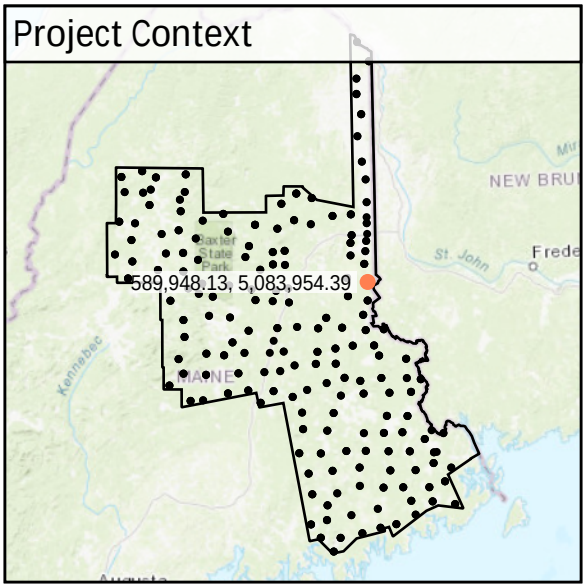
NVA - BE81

All Points TIN Dz -0.11 m

BE82

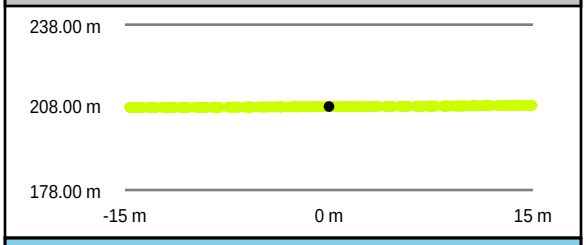
Known Z	208.29 m	Point Density	3.54 ppsm
DEM Dz	-0.04 m	Ground Density	3.54 ppsm
All Points TIN Dz	-0.04 m	Slope	1.08 °

Project Context

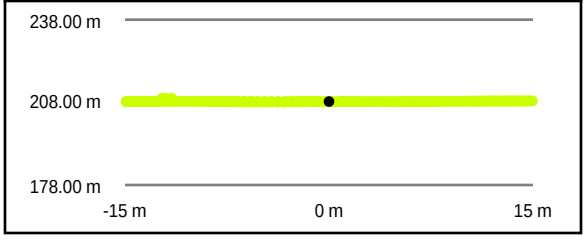


World Imagery

South to North

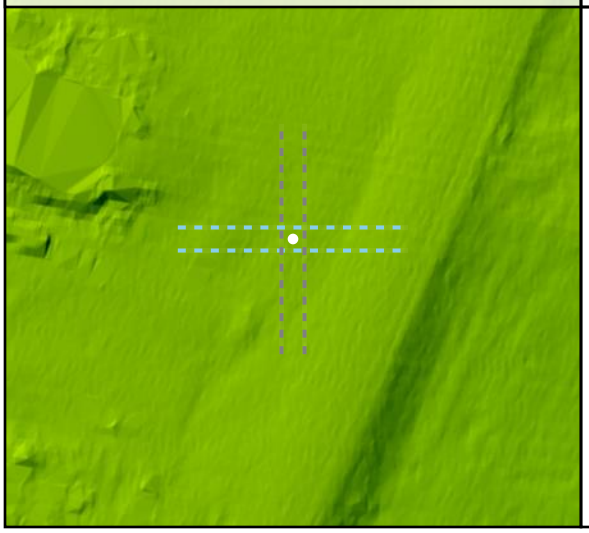


West to East



Intensity Raster

TIN Surface



Project Elevation

DEM Surface

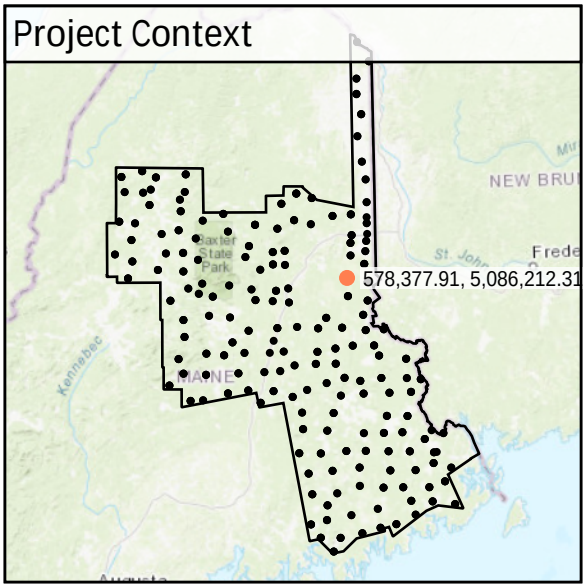
DEM Dz -0.04 m

NVA - BE82

All Points TIN Dz -0.04 m

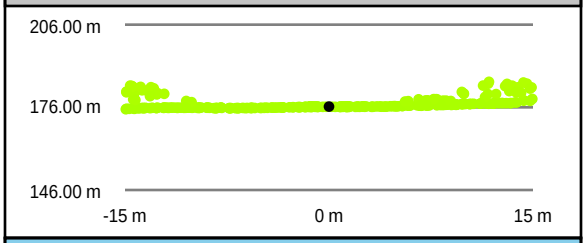
BE83				
	Known Z	176.27 m	Point Density	2.33 ppsm
	DEM Dz	-0.06 m	Ground Density	2.33 ppsm
	All Points TIN Dz	-0.07 m	Slope	3.48 °

Project Context

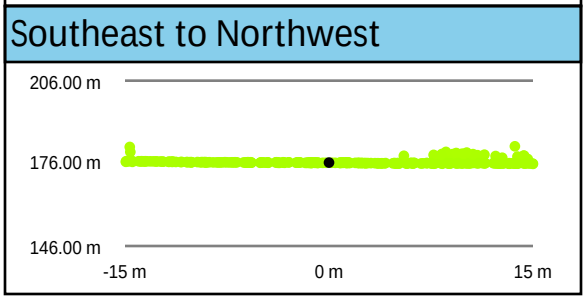


World Imagery

Southwest to Northeast

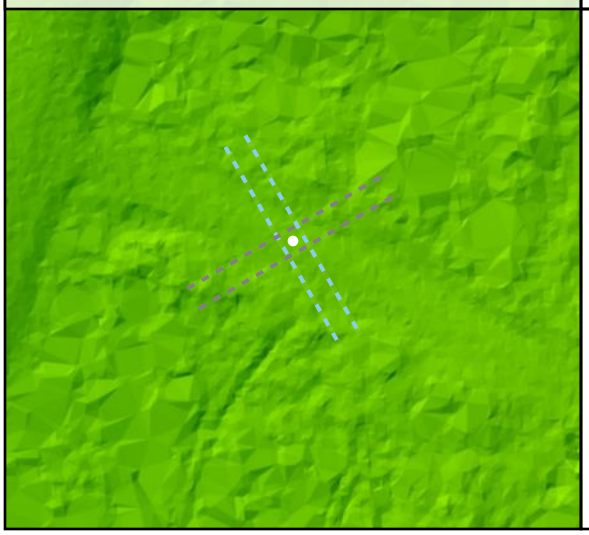


Southeast to Northwest



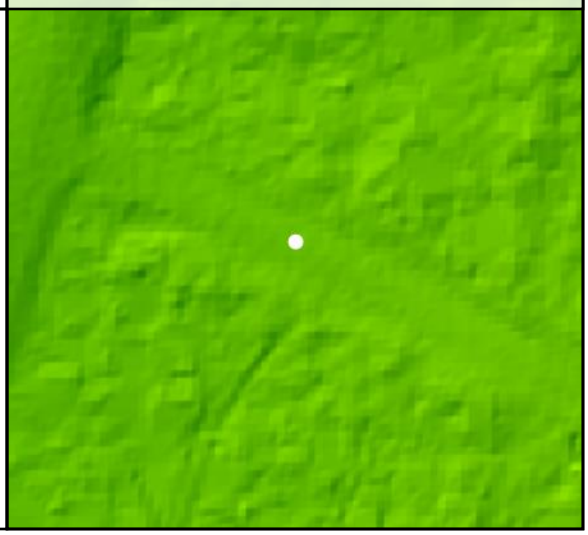
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

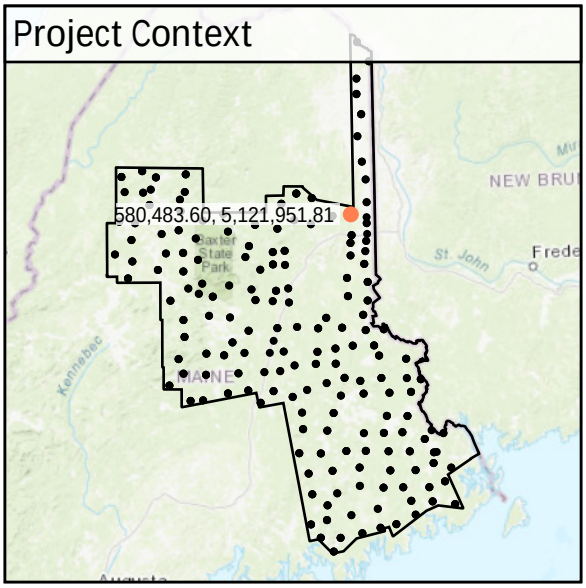
NVA - BE83

All Points TIN Dz -0.07 m

BE84

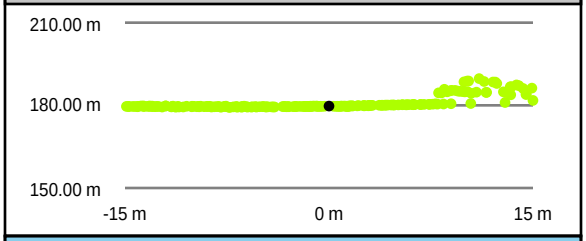
Known Z	179.73 m	Point Density	2.02 ppsm
DEM Dz	-0.08 m	Ground Density	2.02 ppsm
All Points TIN Dz	-0.07 m	Slope	3.72 °

Project Context

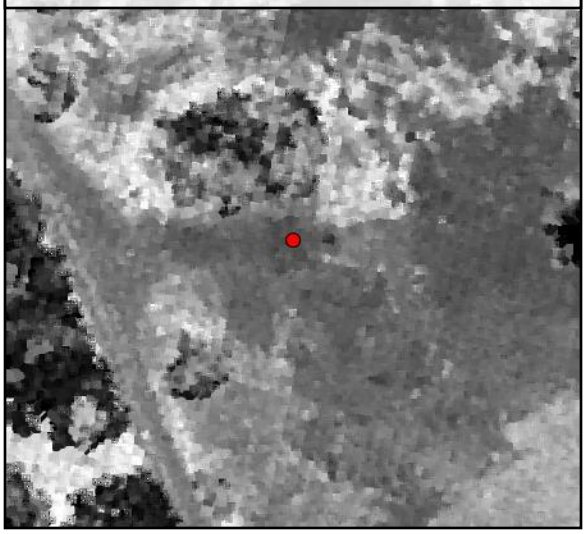


World Imagery

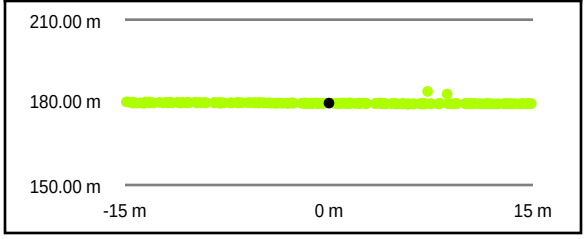
Southeast to Northwest



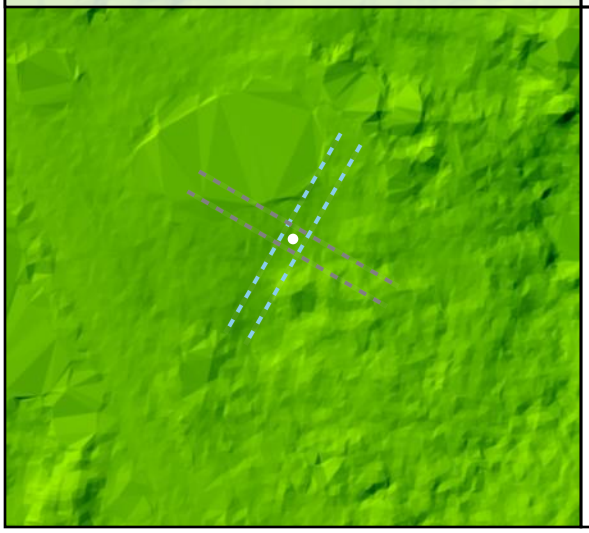
Intensity Raster



Southwest to Northeast

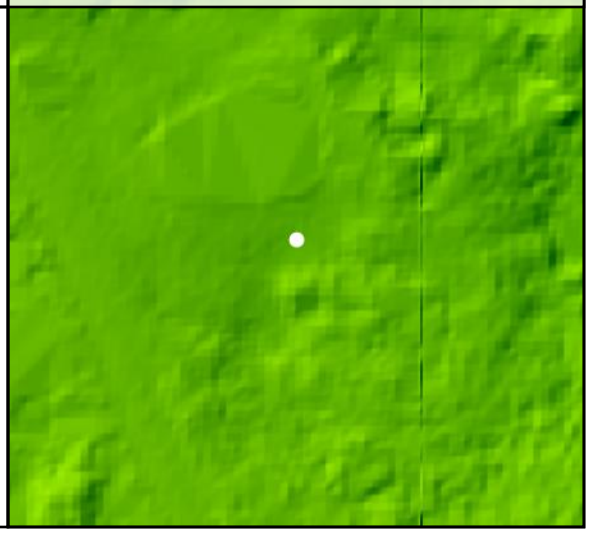


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

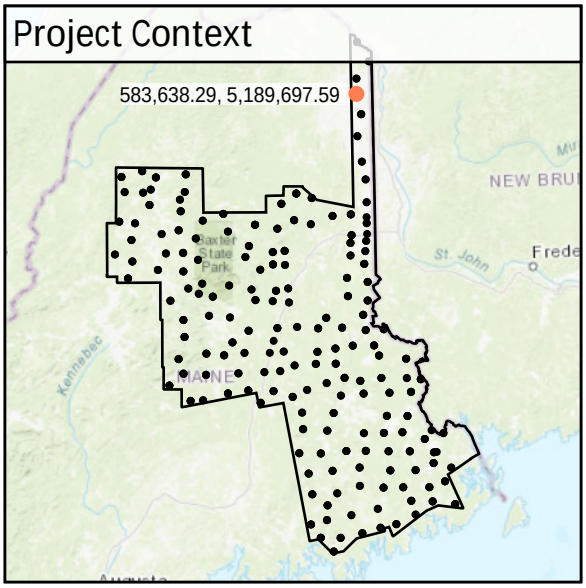
NVA - BE84

All Points TIN Dz -0.07 m

BE85

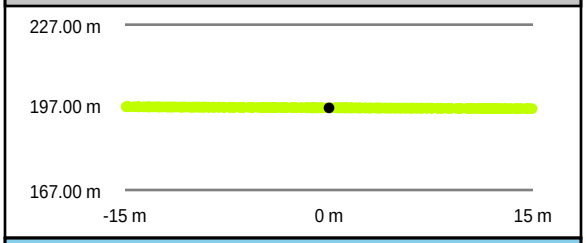
Known Z	196.80 m	Point Density	2.37 ppsm
DEM Dz	0.03 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.03 m	Slope	1.64 °

Project Context

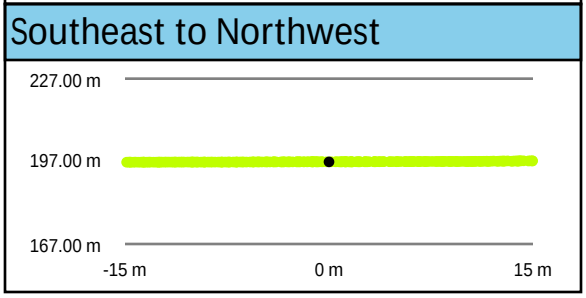


World Imagery

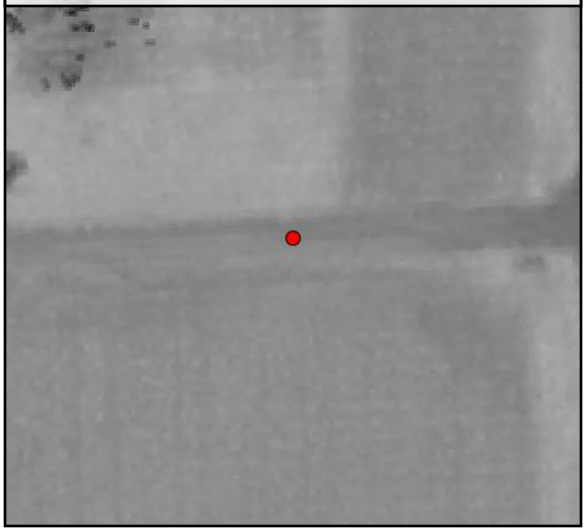
Southwest to Northeast



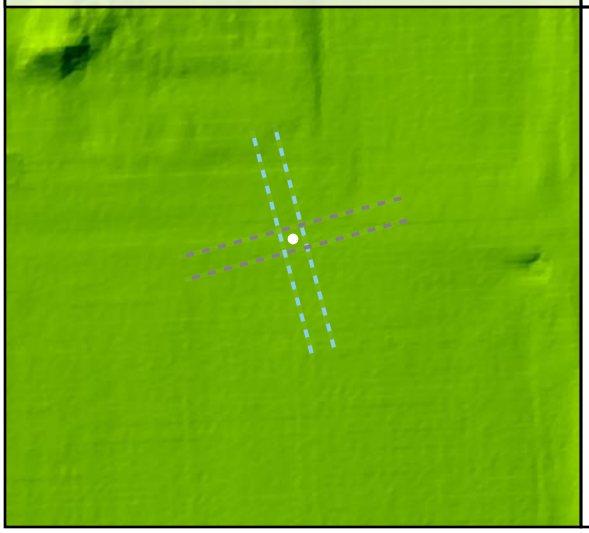
Southeast to Northwest



Intensity Raster

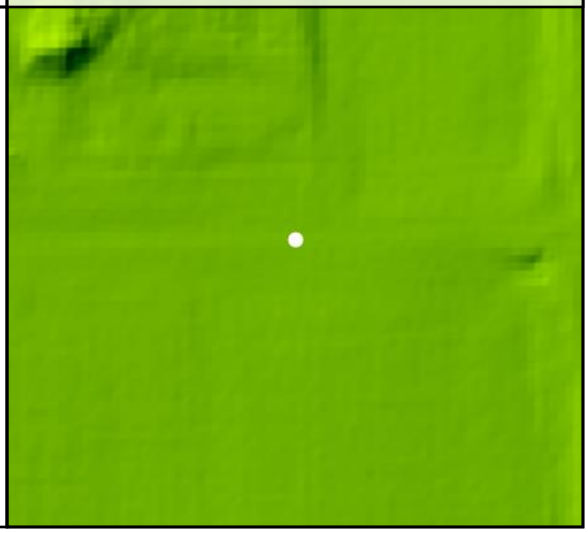


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

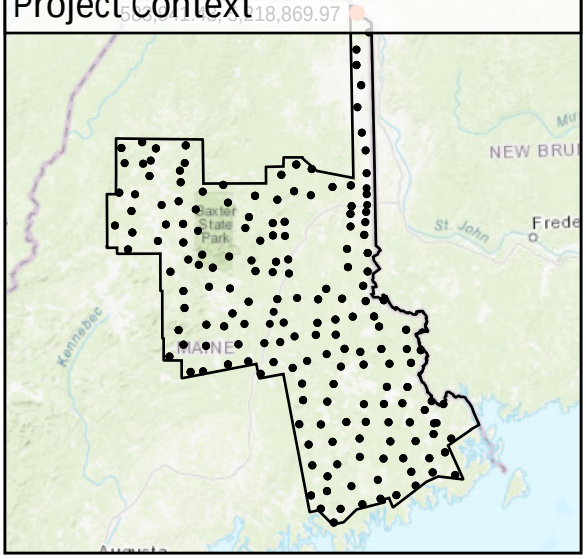
NVA - BE85

All Points TIN Dz +0.03 m

BE86

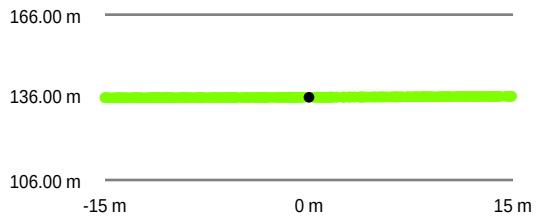
Known Z	136.01 m	Point Density	2.48 ppsm
DEM Dz	0.01 m	Ground Density	2.48 ppsm
All Points TIN Dz	0.01 m	Slope	1.33 °

Project Context

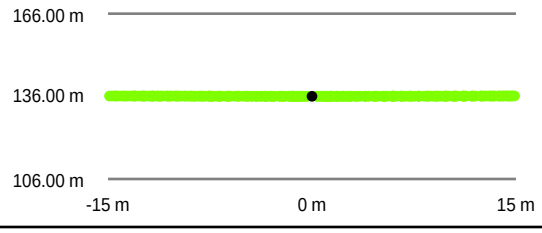


World Imagery

Southeast to Northwest

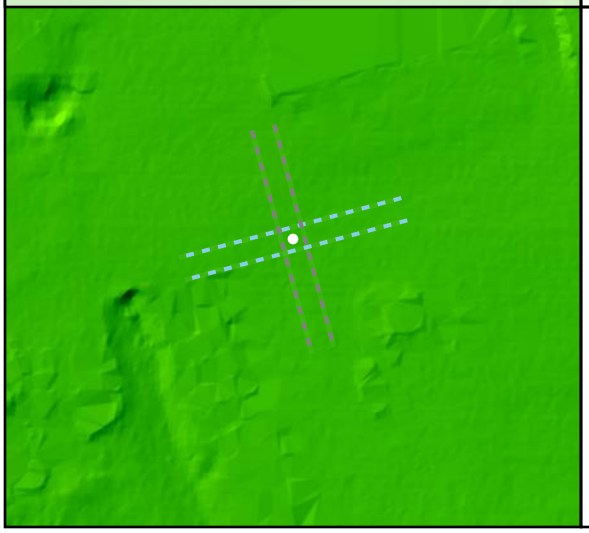


Southwest to Northeast



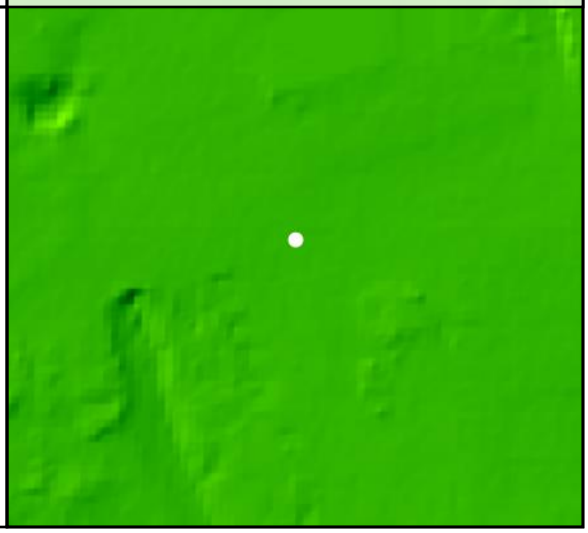
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

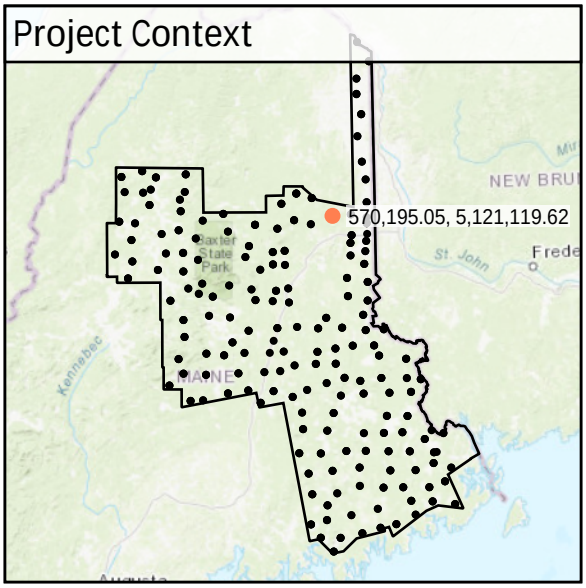


All Points TIN Dz +0.01 m NVA - BE86 DEM Dz +0.01 m

BE87

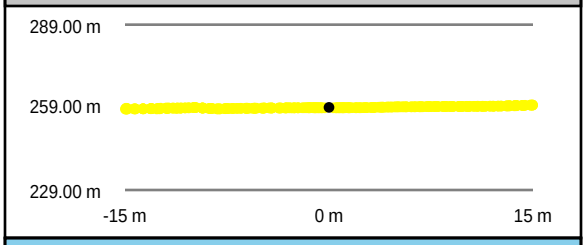
Known Z	258.98 m	Point Density	2.76 ppsm
DEM Dz	-0.14 m	Ground Density	2.76 ppsm
All Points TIN Dz	-0.15 m	Slope	0.99 °

Project Context

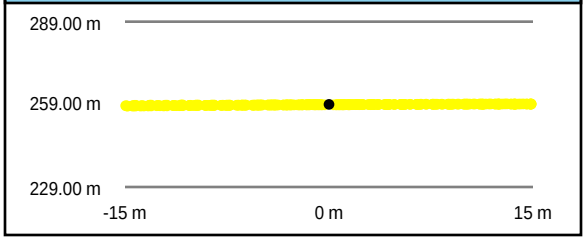


World Imagery

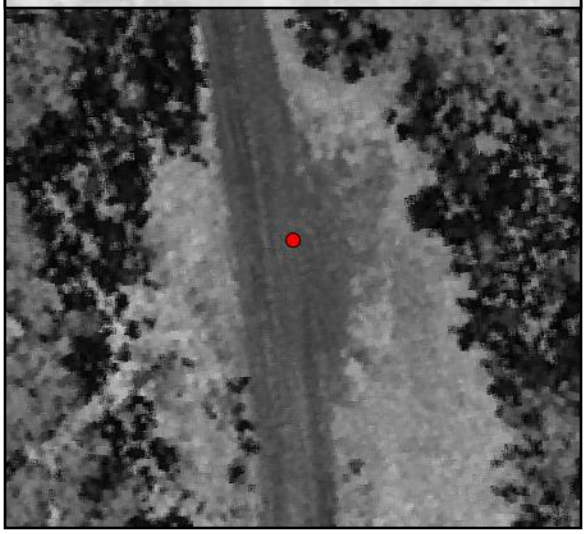
Southwest to Northeast



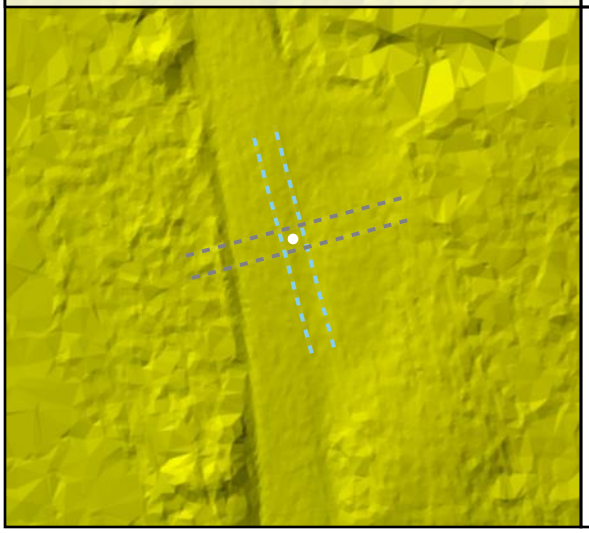
Southeast to Northwest



Intensity Raster

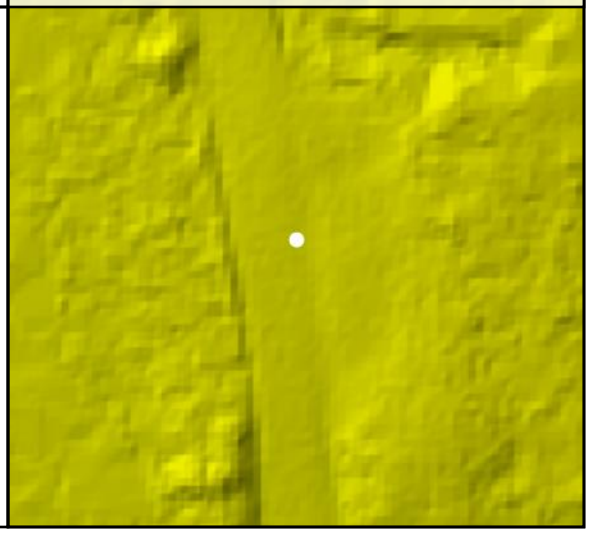


TIN Surface



Project Elevation

DEM Surface



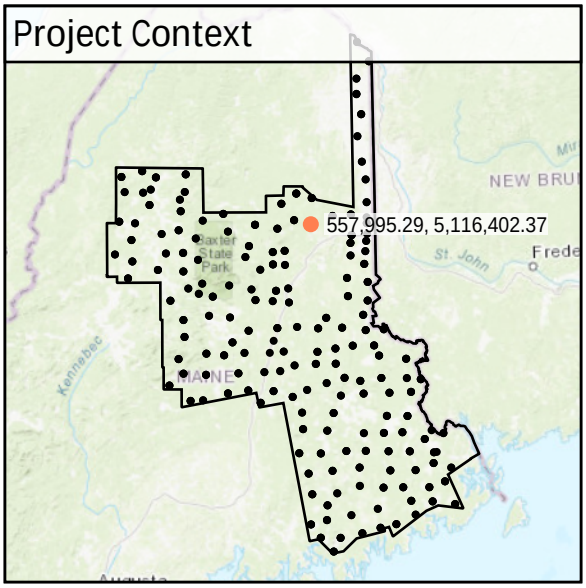
DEM Dz -0.14 m

NVA - BE87

All Points TIN Dz -0.15 m

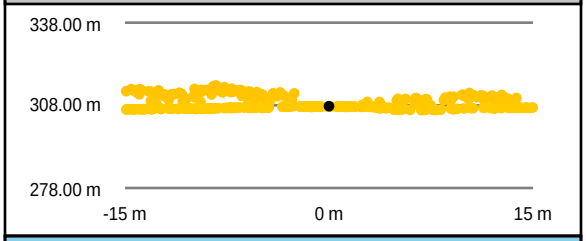
BE88				
	Known Z	307.69 m	Point Density	2.51 ppsm
	DEM Dz	-0.16 m	Ground Density	2.02 ppsm
	All Points TIN Dz	-0.16 m	Slope	2.25 °

Project Context

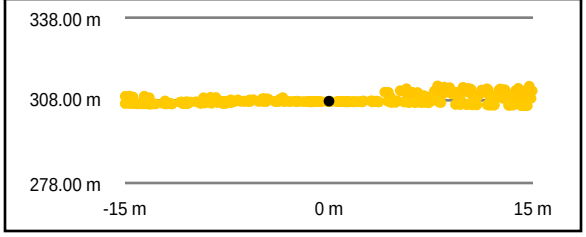


World Imagery

Southeast to Northwest

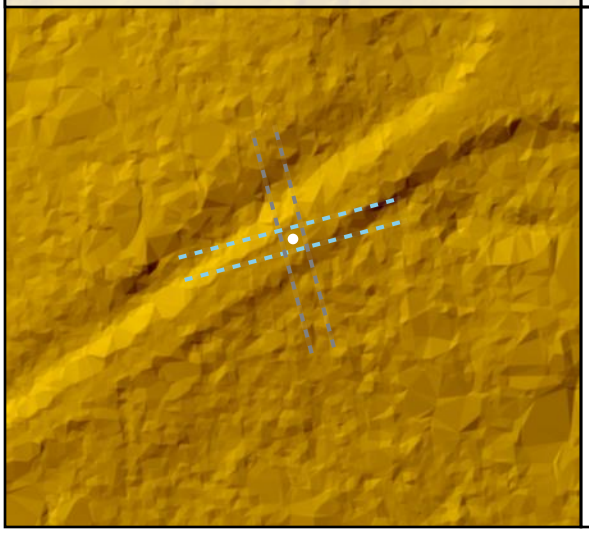


Southwest to Northeast



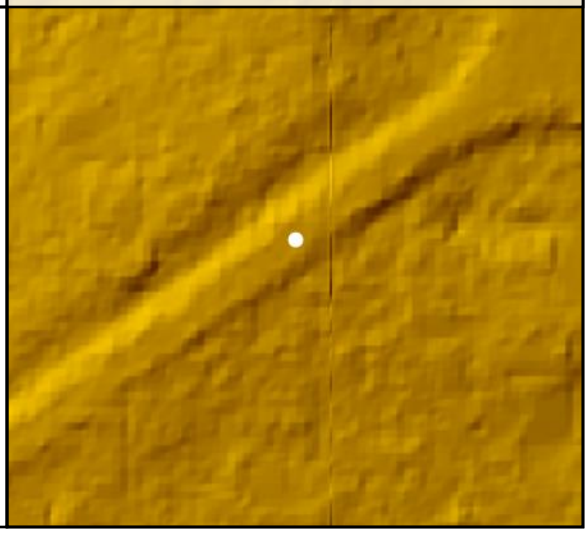
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.16 m

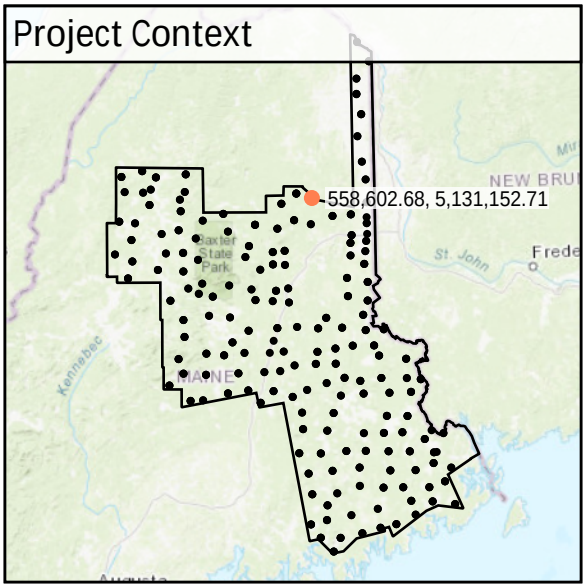
NVA - BE88

All Points TIN Dz -0.16 m

BE89

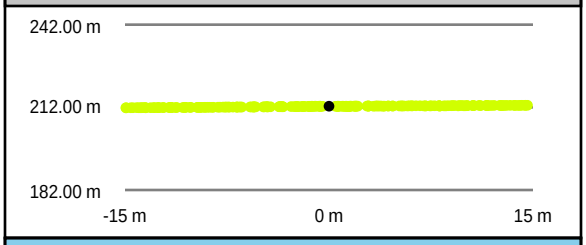
Known Z	212.41 m	Point Density	1.95 ppsm
DEM Dz	-0.04 m	Ground Density	1.95 ppsm
All Points TIN Dz	-0.03 m	Slope	2.23 °

Project Context

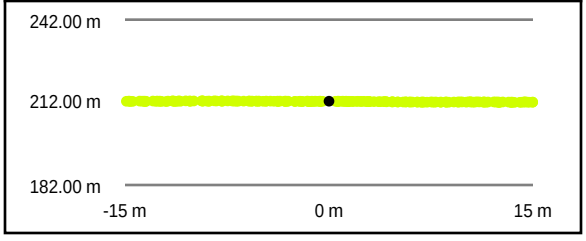


World Imagery

Southwest to Northeast

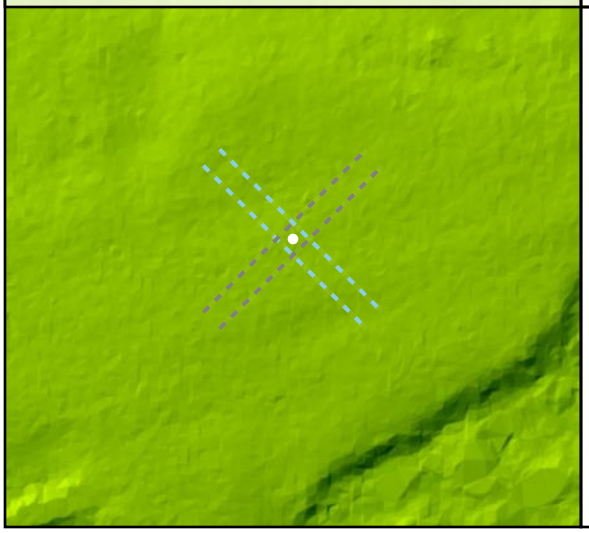


Southeast to Northwest



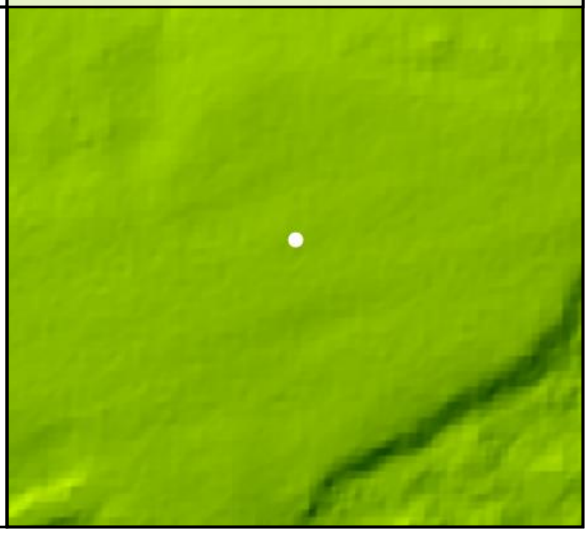
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

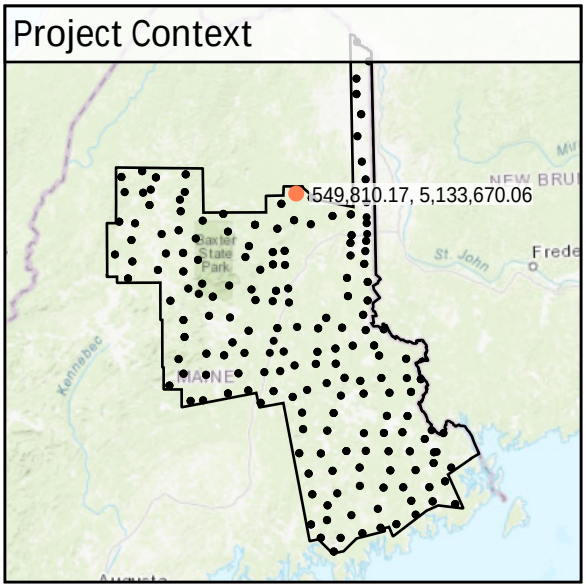
NVA - BE89

All Points TIN Dz -0.03 m

BE90

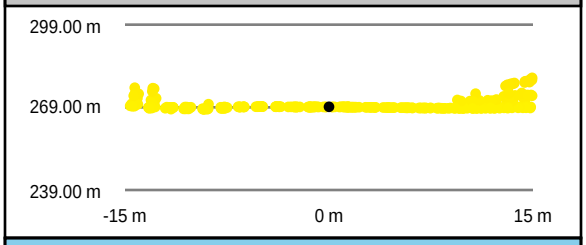
Known Z	269.19 m	Point Density	2.19 ppsm
DEM Dz	-0.05 m	Ground Density	2.19 ppsm
All Points TIN Dz	-0.05 m	Slope	2.58 °

Project Context

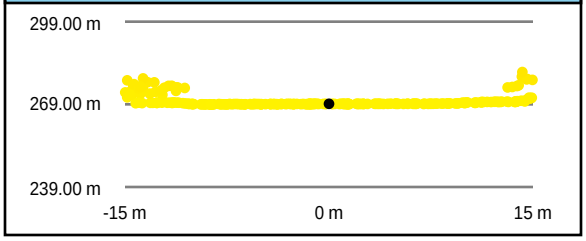


World Imagery

West to East

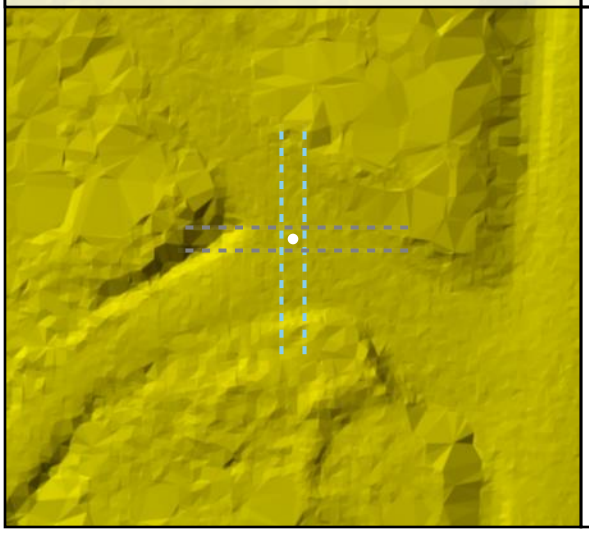


South to North



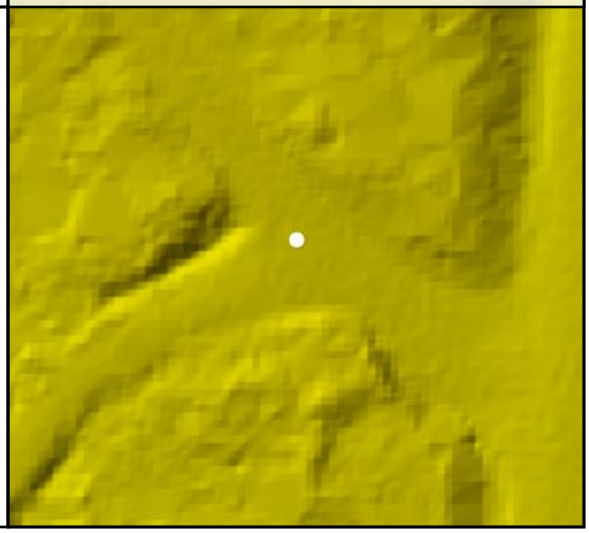
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



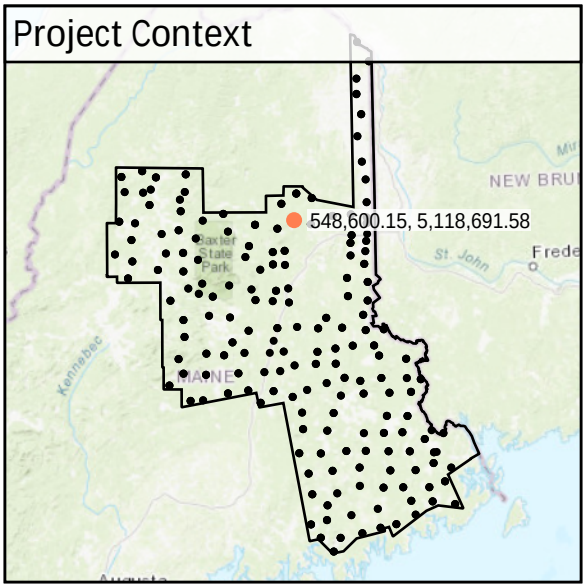
DEM Dz -0.05 m

NVA - BE90

All Points TIN Dz -0.05 m

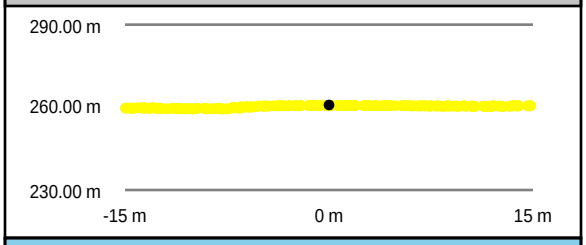
BE91				
	Known Z	260.85 m	Point Density	2.51 ppsm
	DEM Dz	-0.18 m	Ground Density	2.51 ppsm
	All Points TIN Dz	-0.17 m	Slope	0.65 °

Project Context

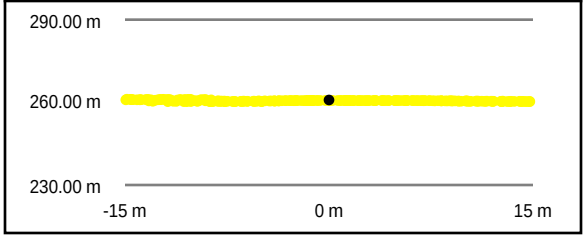


World Imagery

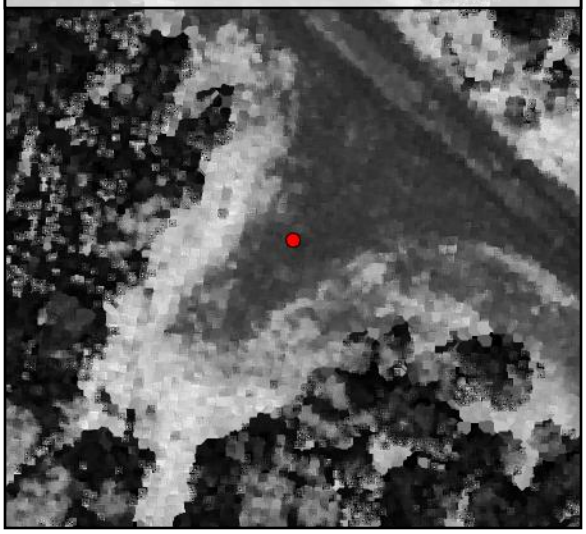
Southeast to Northwest



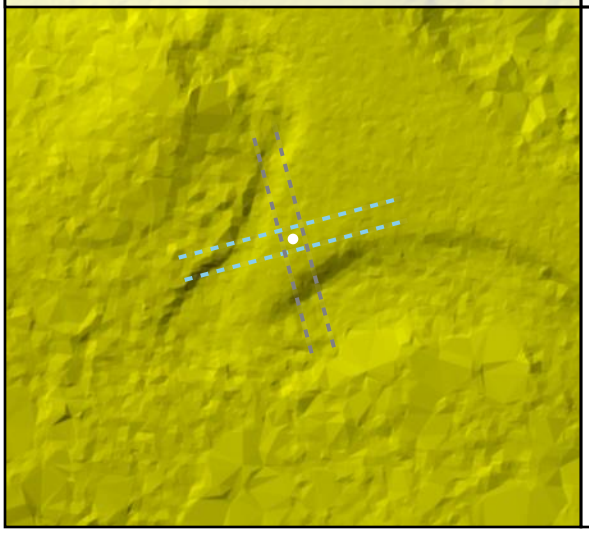
Southwest to Northeast



Intensity Raster

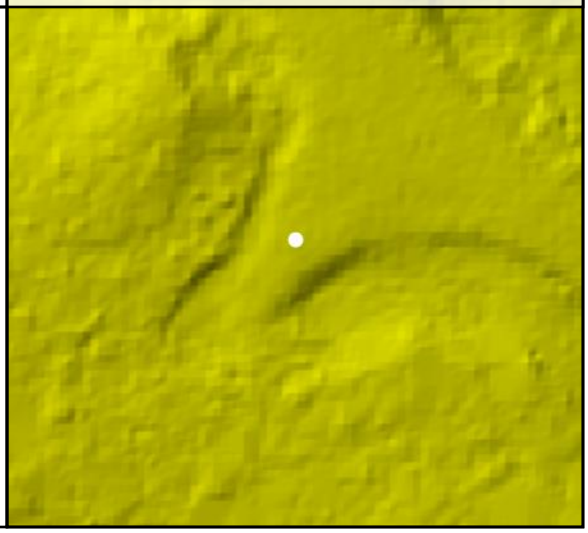


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.18 m

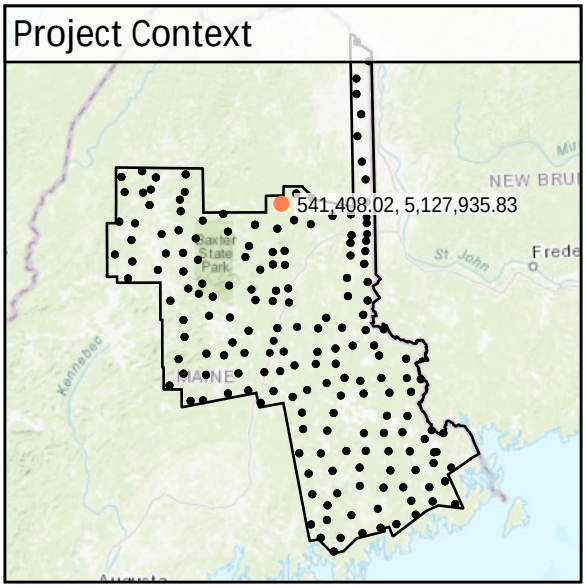
NVA - BE91

All Points TIN Dz -0.17 m

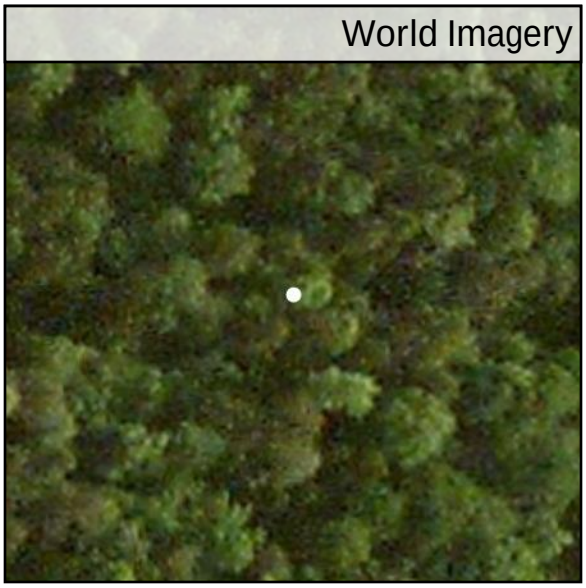
BE92

Known Z	293.43 m	Point Density	2.44 ppsm
DEM Dz	-0.04 m	Ground Density	2.44 ppsm
All Points TIN Dz	-0.03 m	Slope	3.00 °

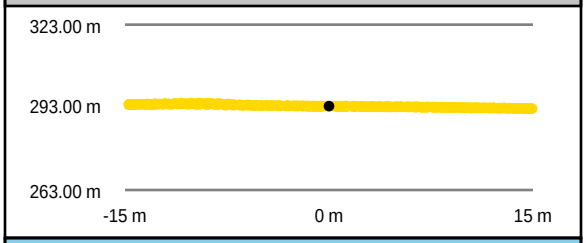
Project Context



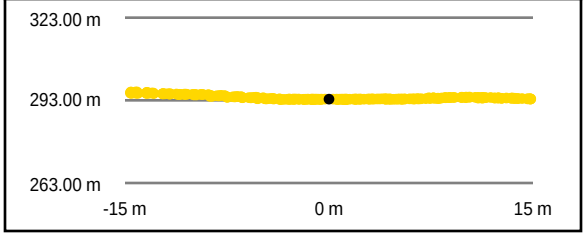
World Imagery



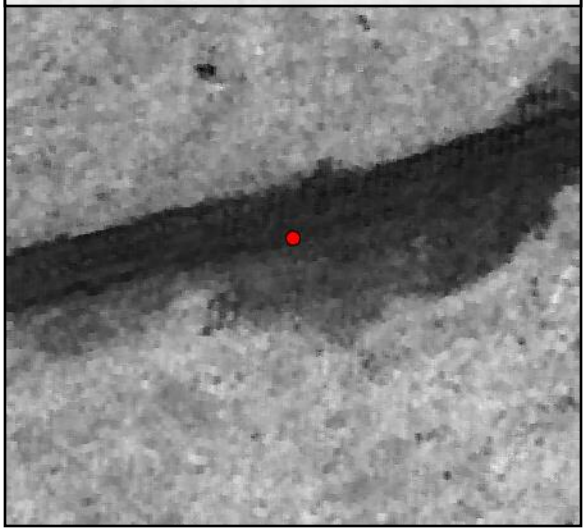
Southeast to Northwest



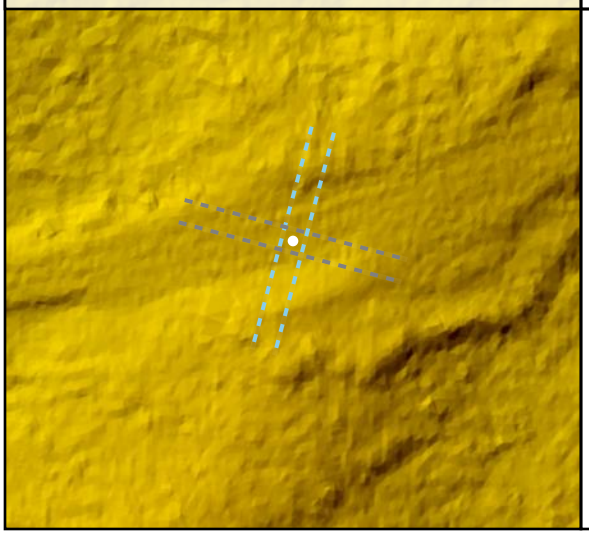
Southwest to Northeast



Intensity Raster

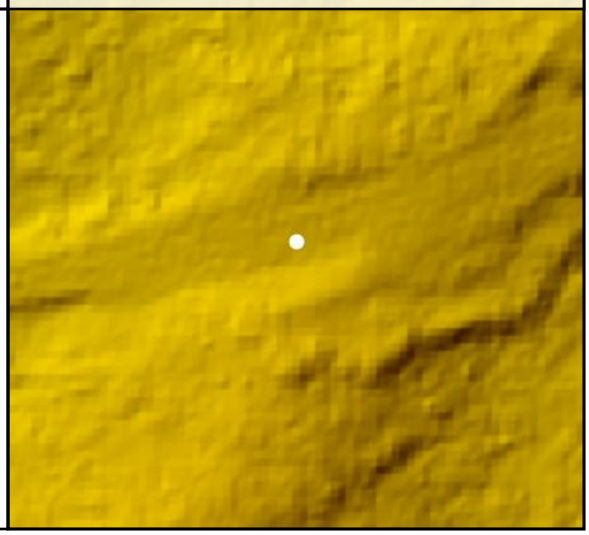


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

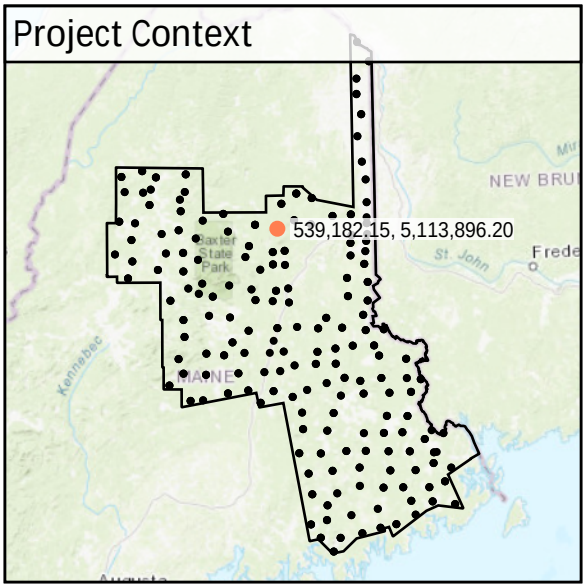
NVA - BE92

All Points TIN Dz -0.03 m

BE93

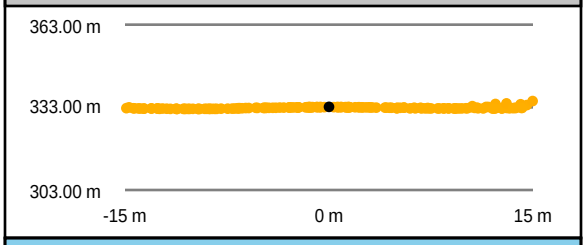
Known Z	333.17 m	Point Density	1.77 ppsm
DEM Dz	-0.10 m	Ground Density	1.77 ppsm
All Points TIN Dz	-0.10 m	Slope	1.08 °

Project Context

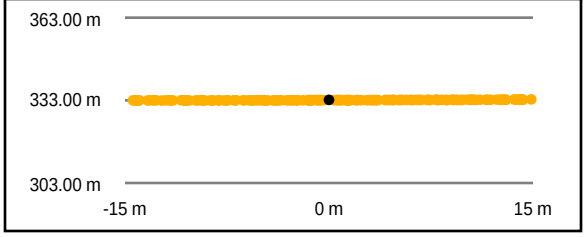


World Imagery

Southeast to Northwest

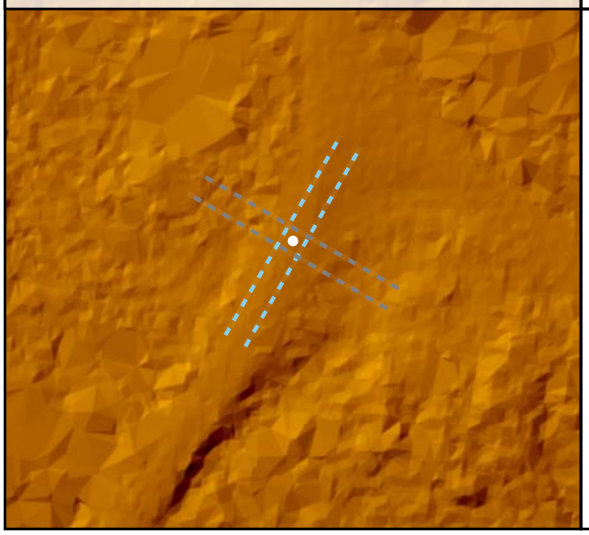


Southwest to Northeast



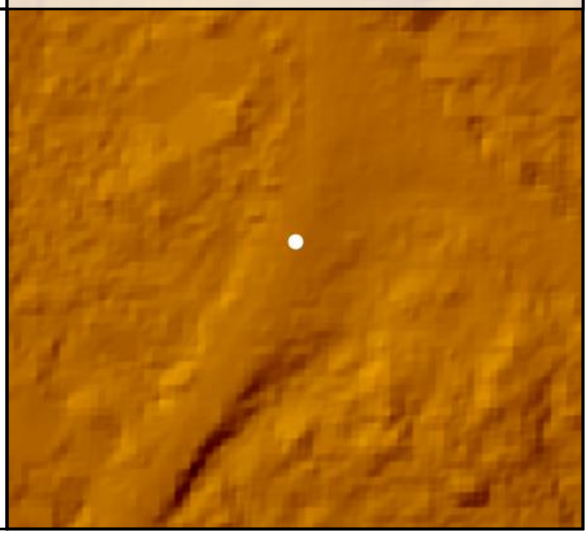
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.10 m

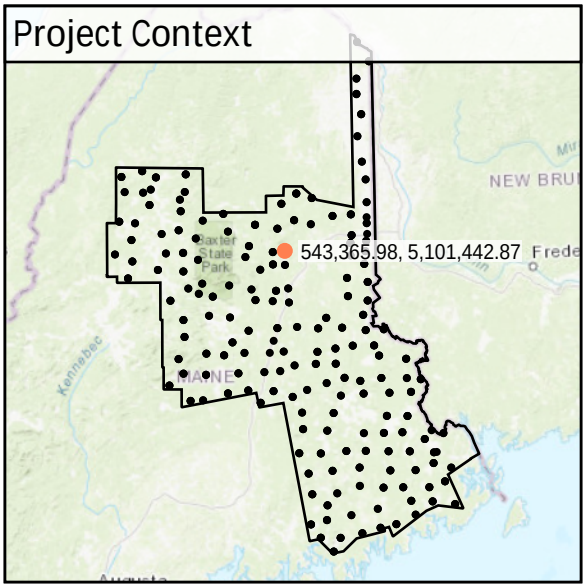
NVA - BE93

All Points TIN Dz -0.10 m

BE94

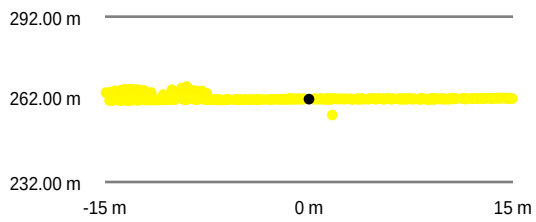
Known Z	262.07 m	Point Density	2.79 ppsm
DEM Dz	0.06 m	Ground Density	2.76 ppsm
All Points TIN Dz	0.06 m	Slope	2.98 °

Project Context

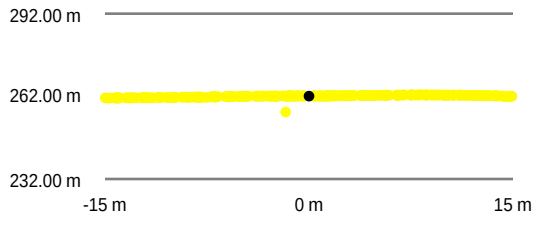


World Imagery

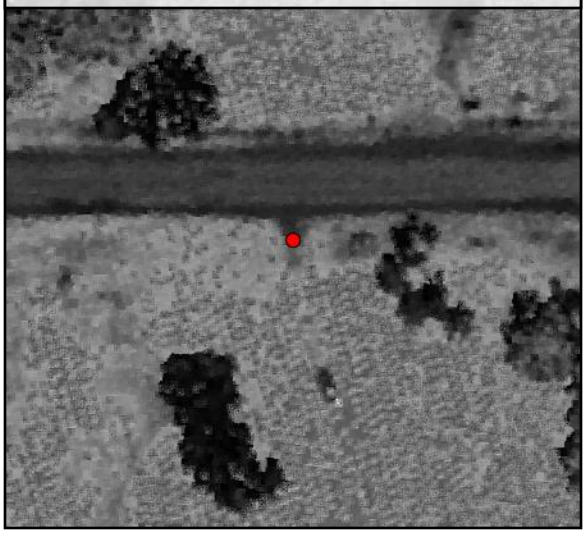
Southeast to Northwest



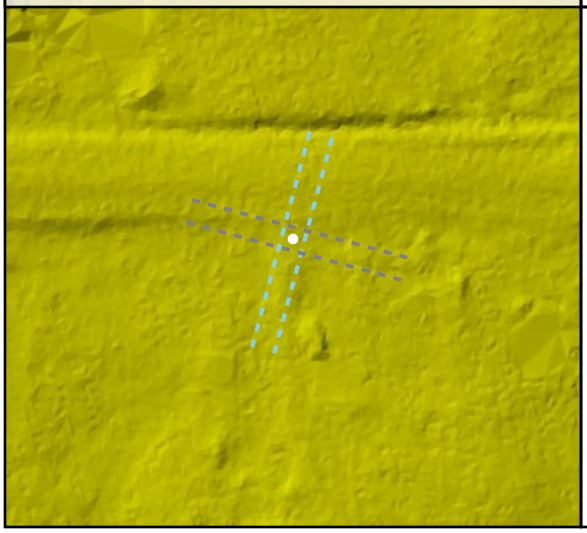
Southwest to Northeast



Intensity Raster

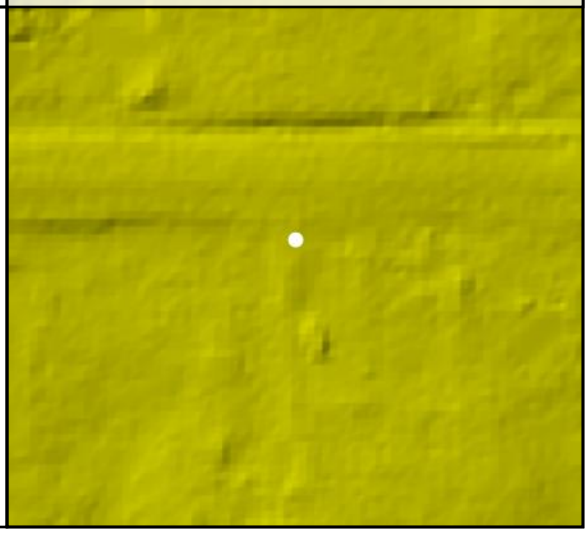


TIN Surface



Project Elevation

DEM Surface



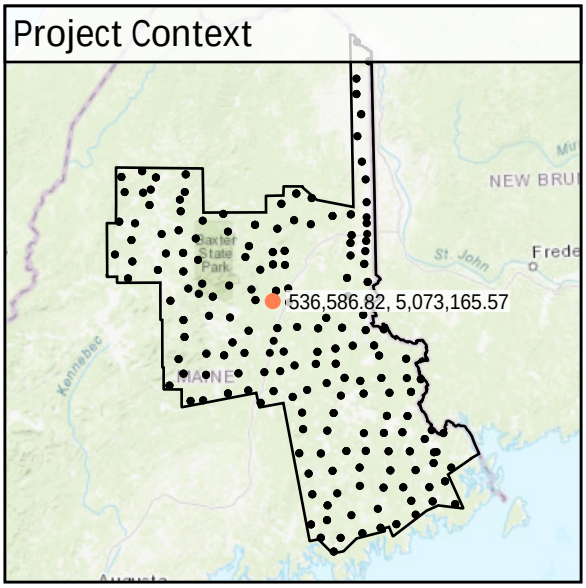
DEM Dz +0.06 m

NVA - BE94

All Points TIN Dz +0.06 m

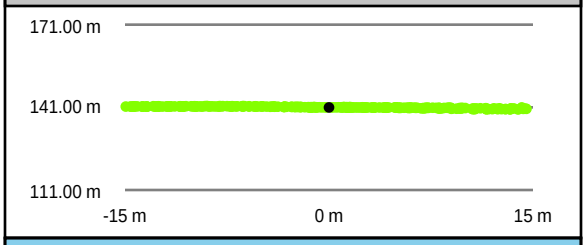
BE95				
	Known Z	140.96 m	Point Density	2.41 ppsm
	DEM Dz	0.05 m	Ground Density	2.41 ppsm
	All Points TIN Dz	0.04 m	Slope	1.86 °

Project Context

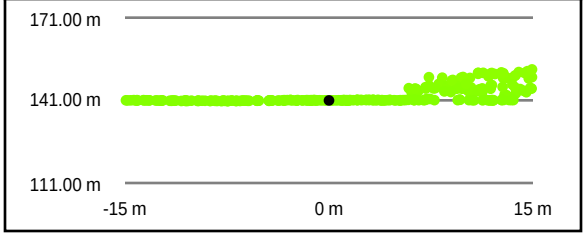


World Imagery

Southeast to Northwest

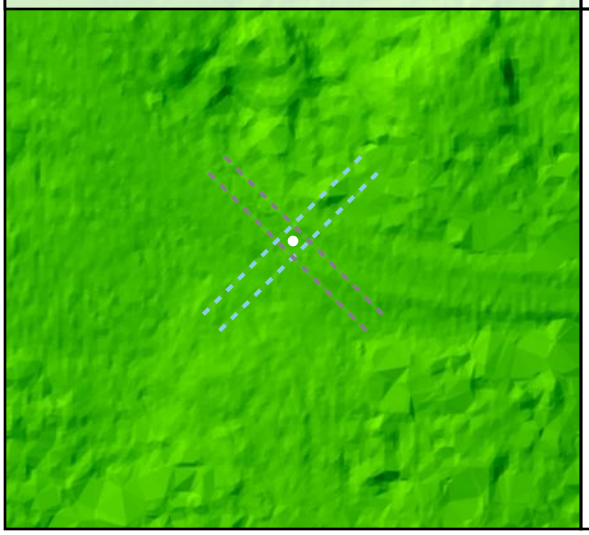


Southwest to Northeast



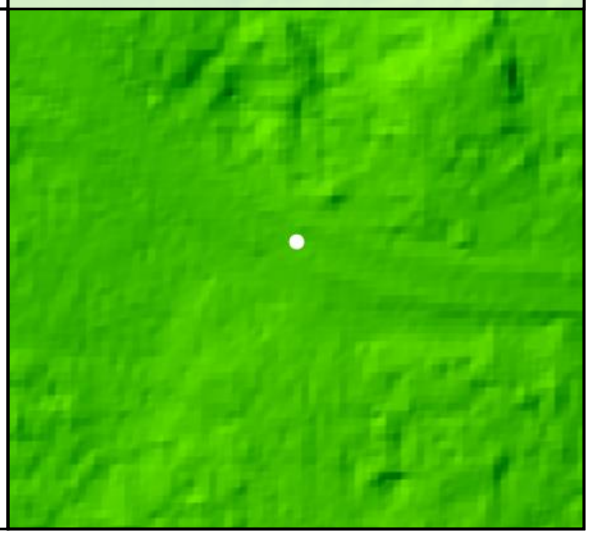
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

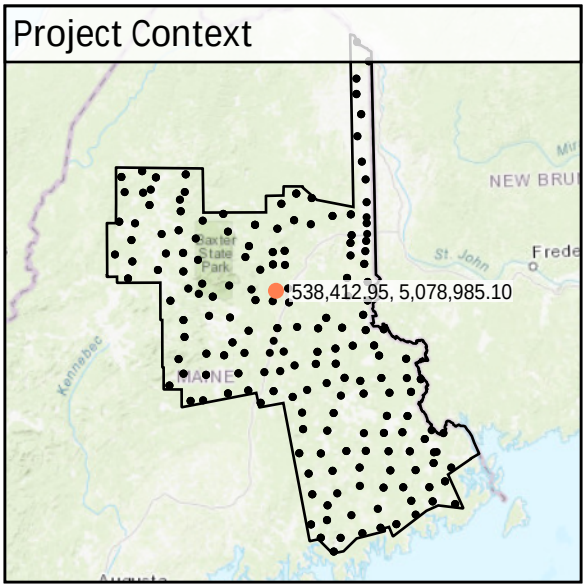
NVA - BE95

All Points TIN Dz +0.04 m

BE96

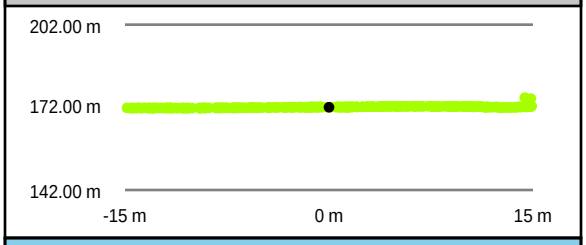
Known Z	172.02 m	Point Density	2.48 ppsm
DEM Dz	0.09 m	Ground Density	2.48 ppsm
All Points TIN Dz	0.07 m	Slope	2.65 °

Project Context

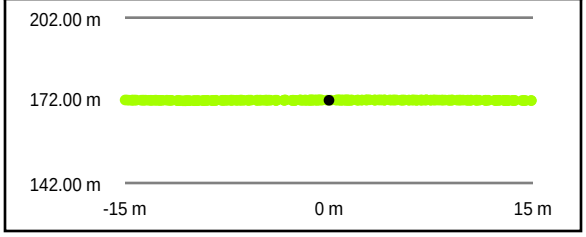


World Imagery

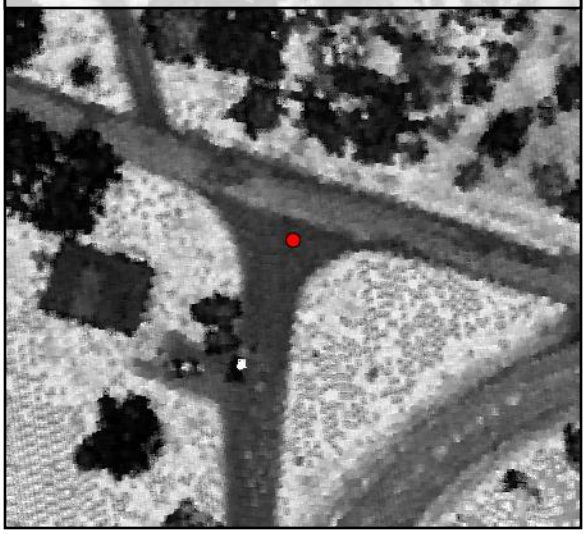
Southeast to Northwest



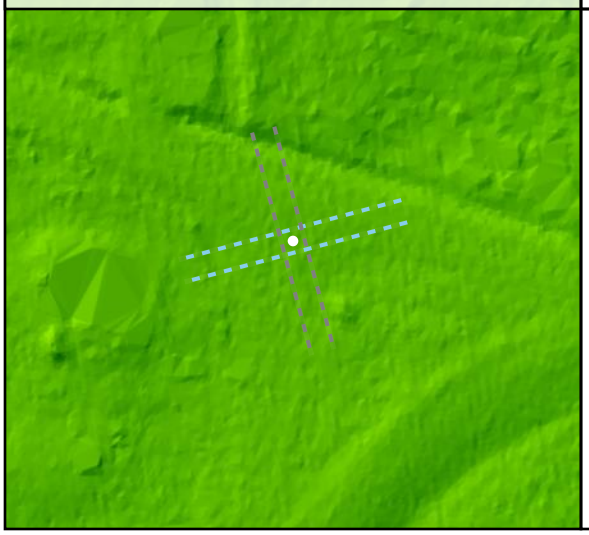
Southwest to Northeast



Intensity Raster

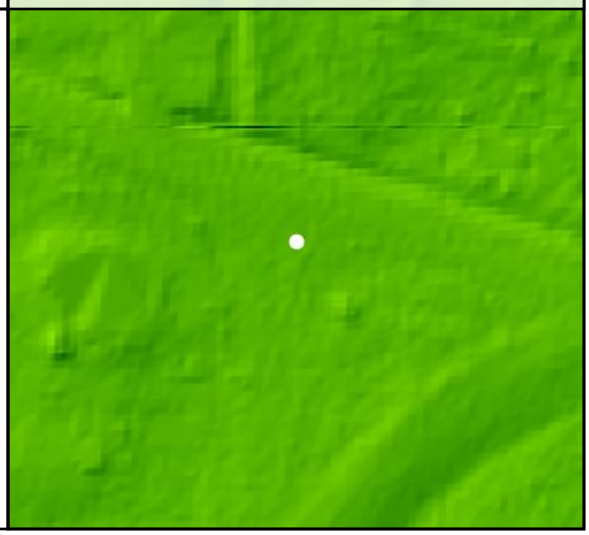


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.09 m

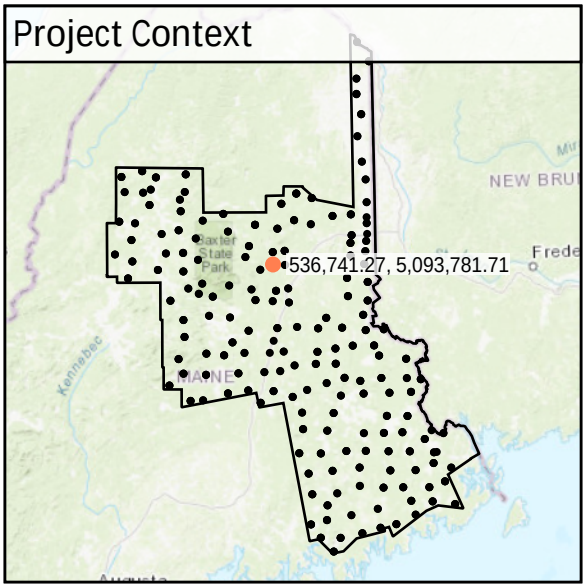
NVA - BE96

All Points TIN Dz +0.07 m

BE97

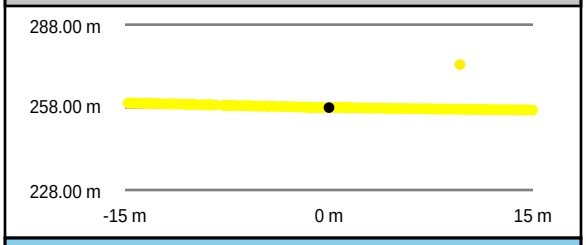
Known Z	257.90 m	Point Density	2.16 ppsm
DEM Dz	0.05 m	Ground Density	2.16 ppsm
All Points TIN Dz	0.06 m	Slope	5.22 °

Project Context

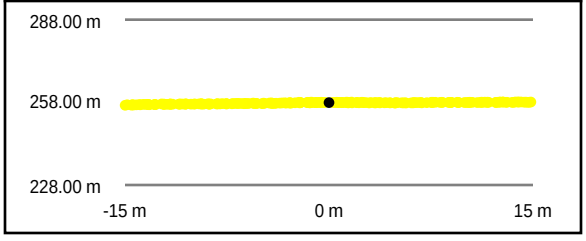


World Imagery

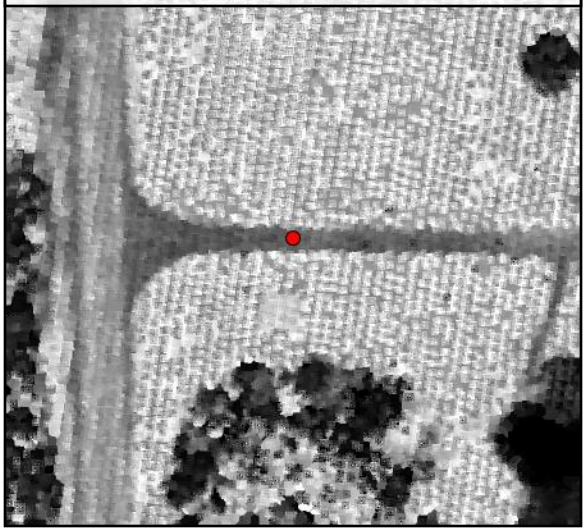
West to East



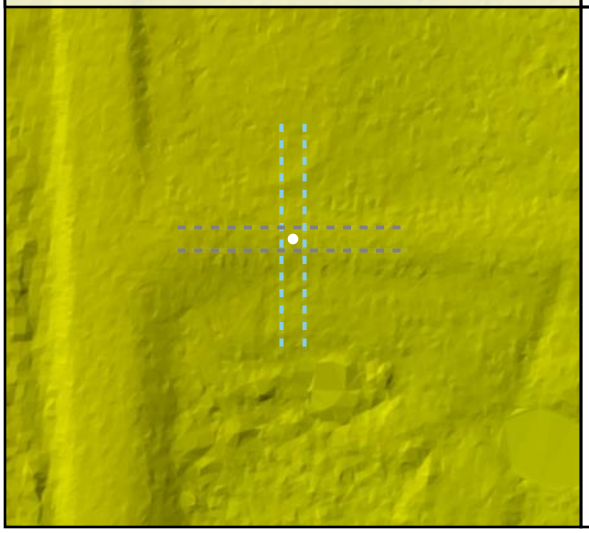
South to North



Intensity Raster

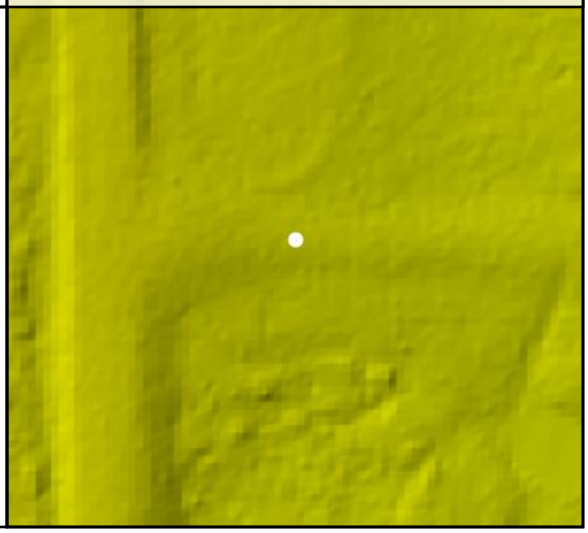


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

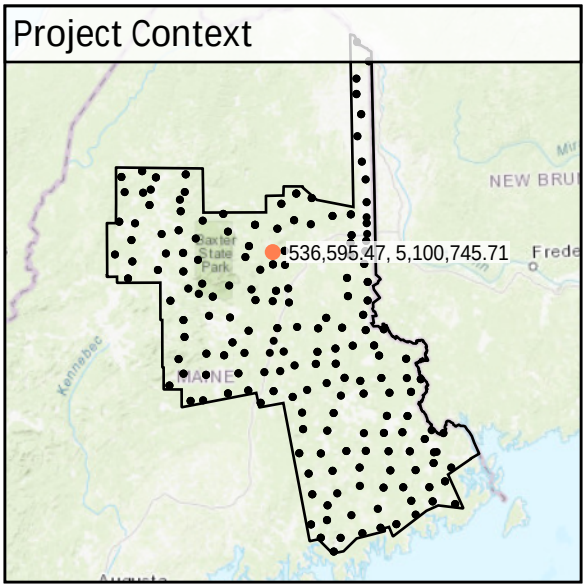
NVA - BE97

All Points TIN Dz +0.06 m

BE98

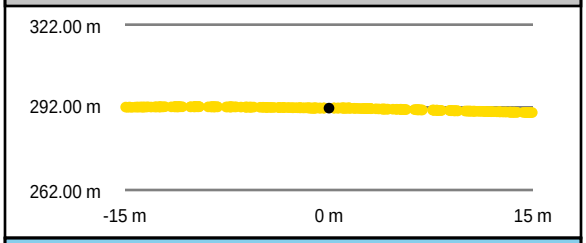
Known Z	291.71 m	Point Density	2.55 ppsm
DEM Dz	0.04 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.03 m	Slope	2.66 °

Project Context

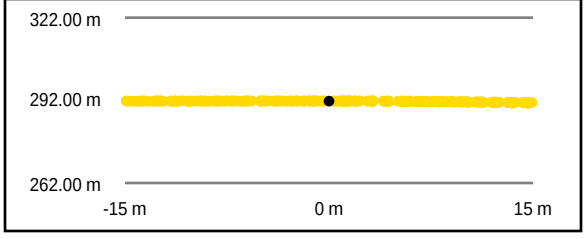


World Imagery

Southwest to Northeast

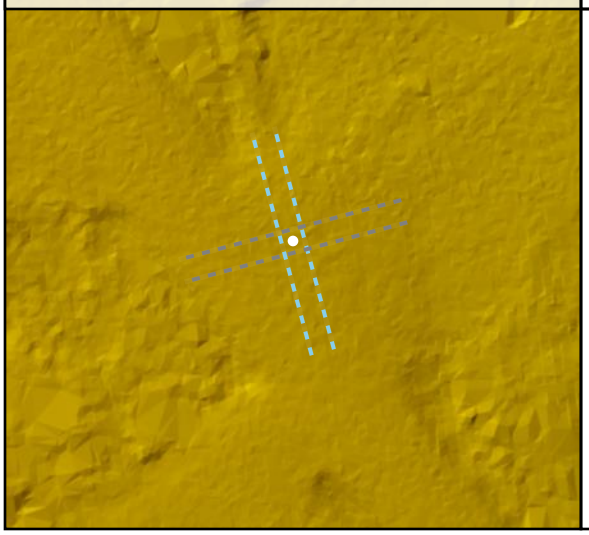


Southeast to Northwest



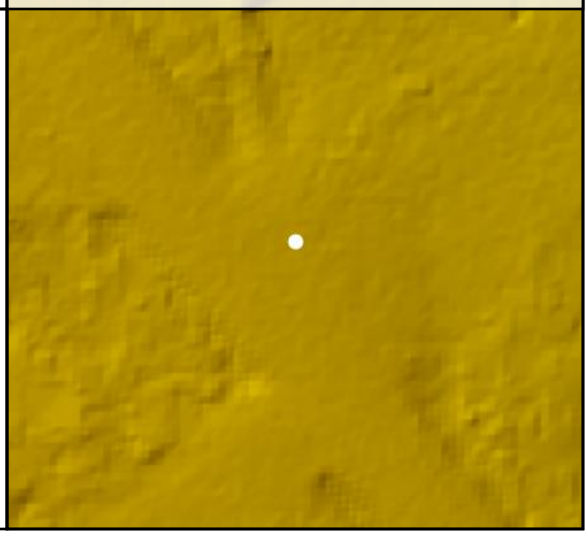
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

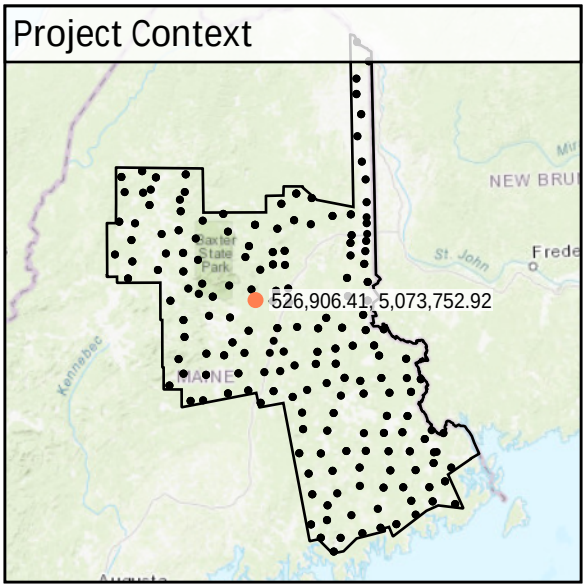
NVA - BE98

All Points TIN Dz +0.03 m

BE99

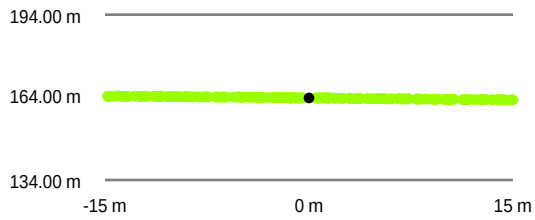
Known Z	163.78 m	Point Density	2.26 ppsm
DEM Dz	0.00 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.00 m	Slope	3.61 °

Project Context

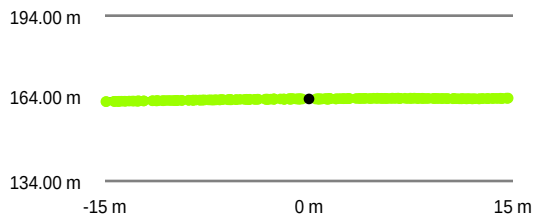


World Imagery

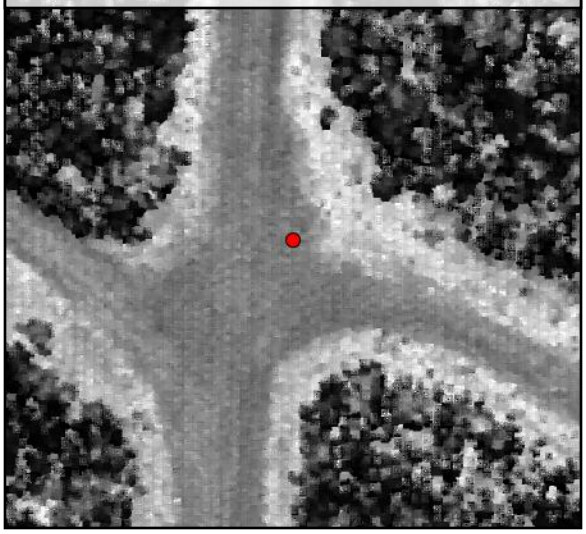
Southwest to Northeast



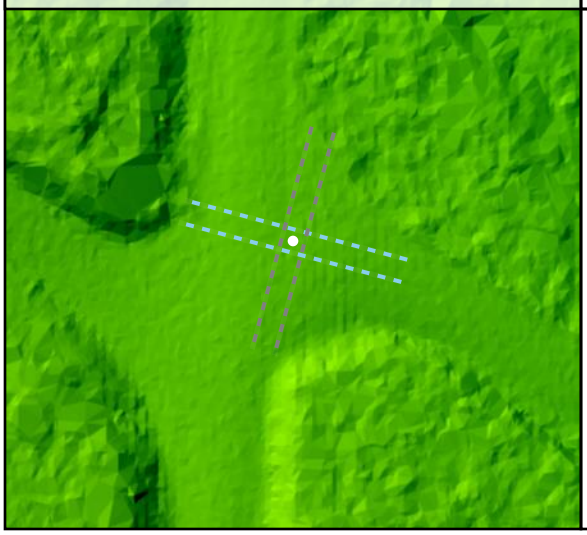
Southeast to Northwest



Intensity Raster

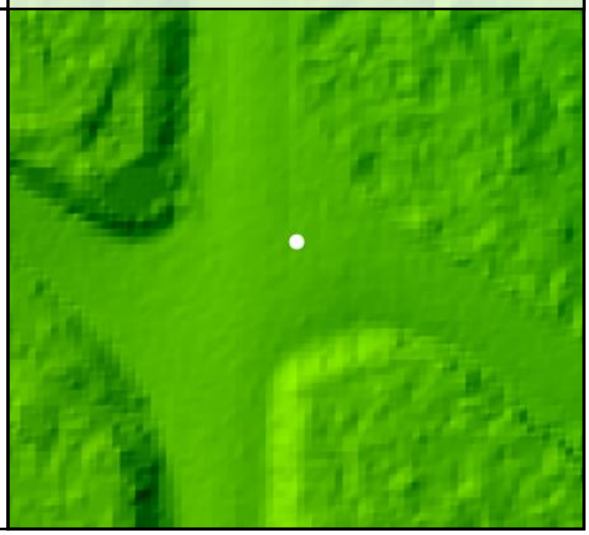


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

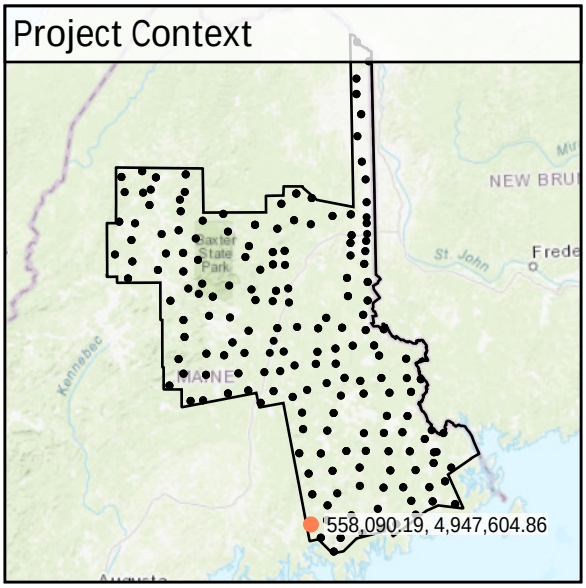
NVA - BE99

All Points TIN Dz 0.00 m

UA01

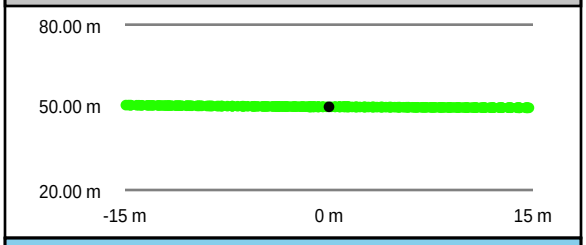
Known Z	50.18 m	Point Density	2.62 ppsm
DEM Dz	0.01 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.01 m	Slope	1.81 °

Project Context

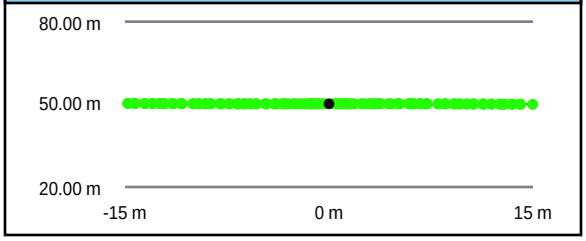


World Imagery

South to North

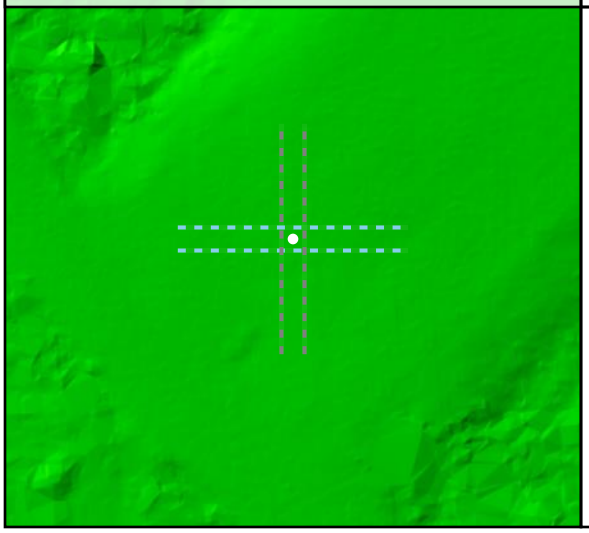


West to East

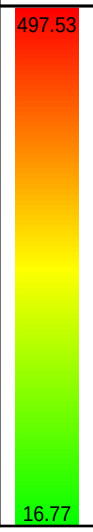


Intensity Raster

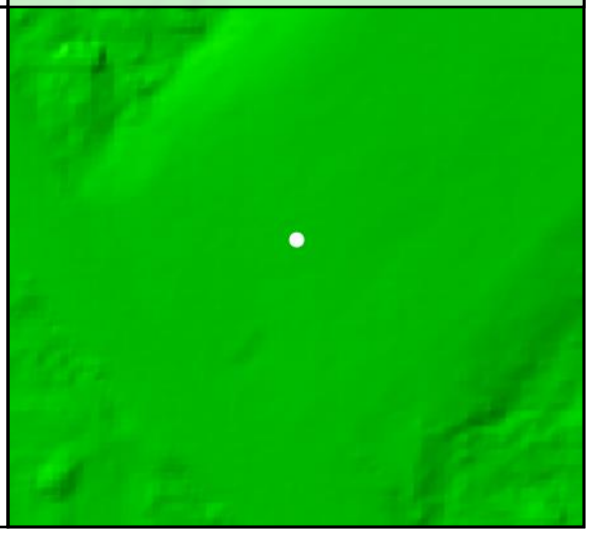
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

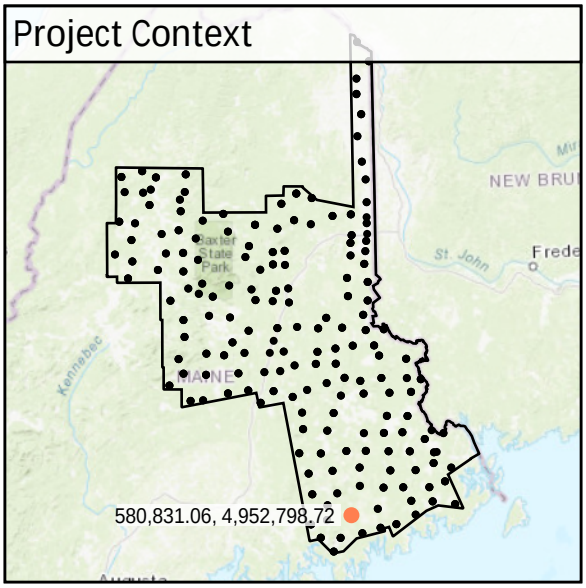
NVA - UA01

All Points TIN Dz +0.01 m

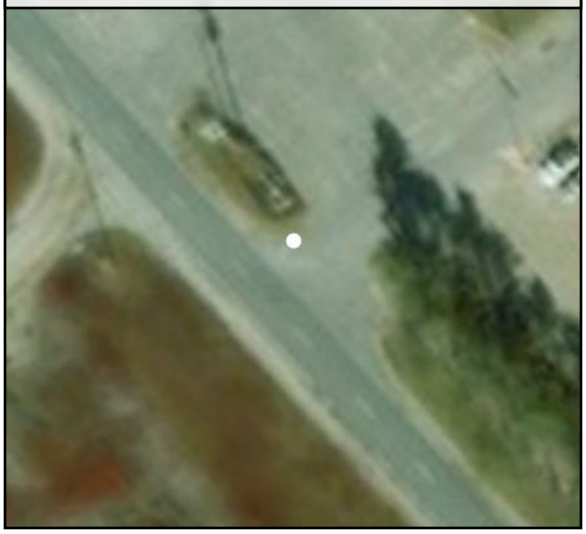
UA02

Known Z	62.38 m	Point Density	5.69 ppsm
DEM Dz	-0.04 m	Ground Density	5.69 ppsm
All Points TIN Dz	-0.05 m	Slope	0.76 °

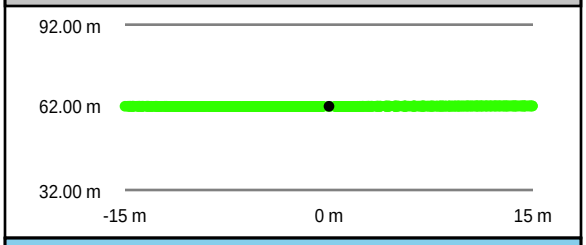
Project Context



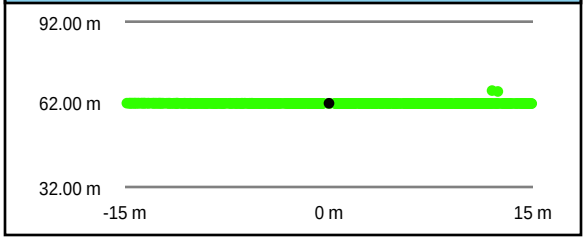
World Imagery



South to North

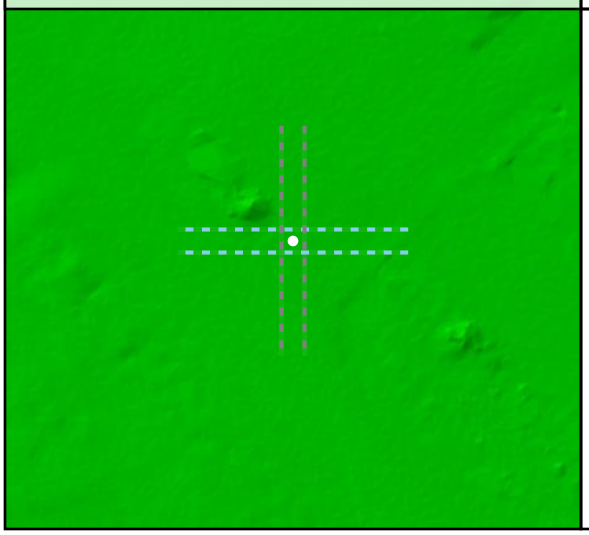


West to East



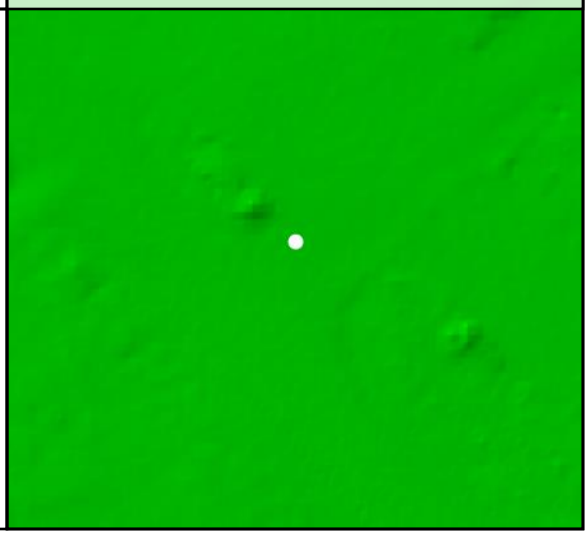
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

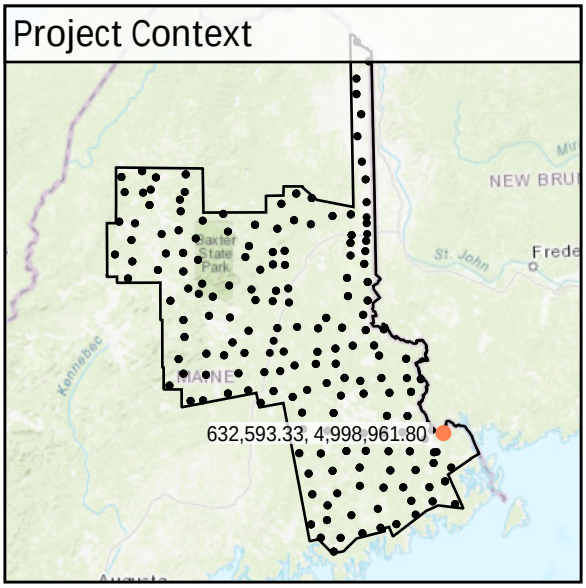
NVA - UA02

All Points TIN Dz -0.05 m

UA04

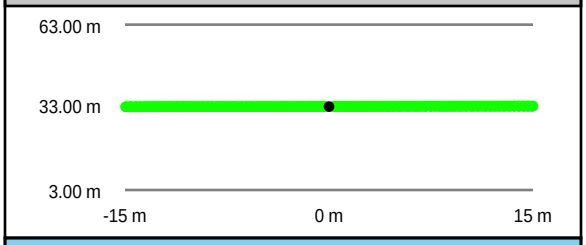
Known Z	33.26 m	Point Density	3.75 ppsm
DEM Dz	0.03 m	Ground Density	3.75 ppsm
All Points TIN Dz	0.03 m	Slope	0.66 °

Project Context

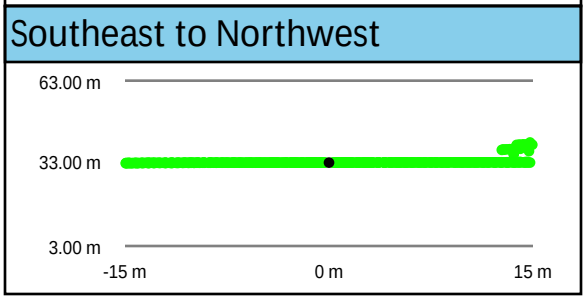


World Imagery

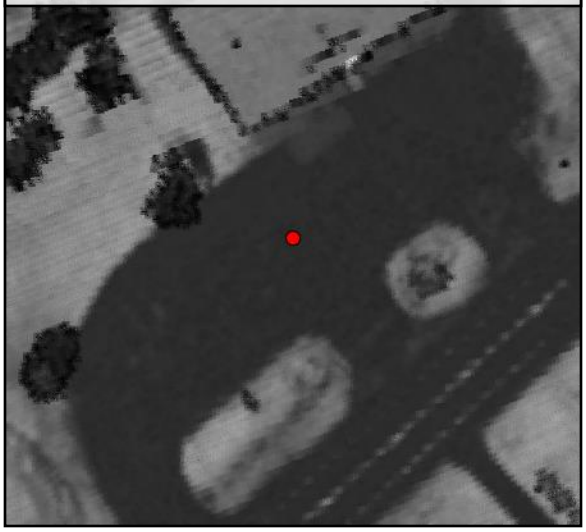
Southwest to Northeast



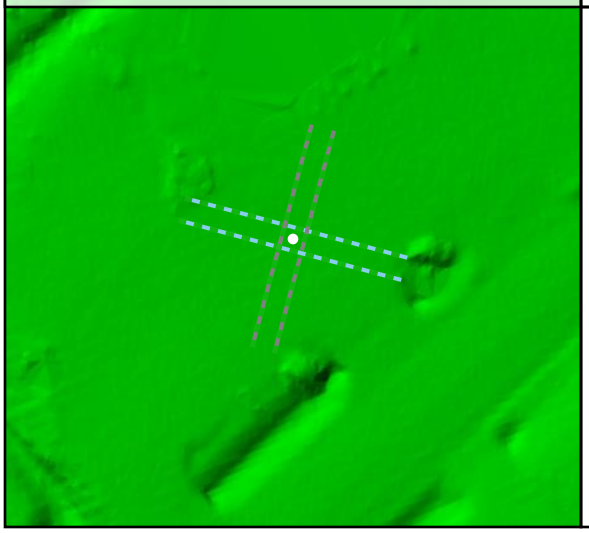
Southeast to Northwest



Intensity Raster

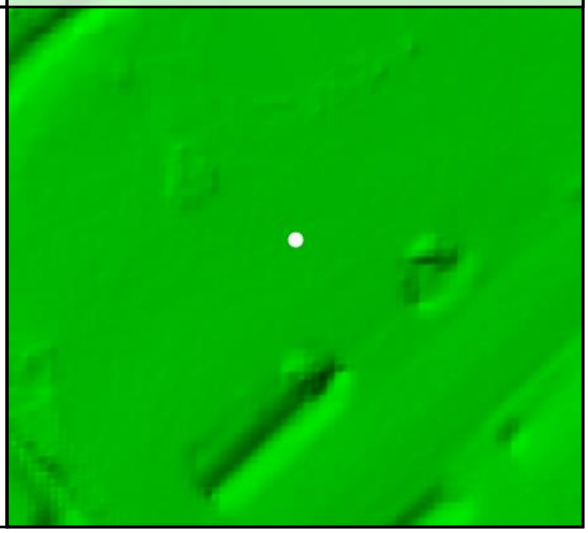


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

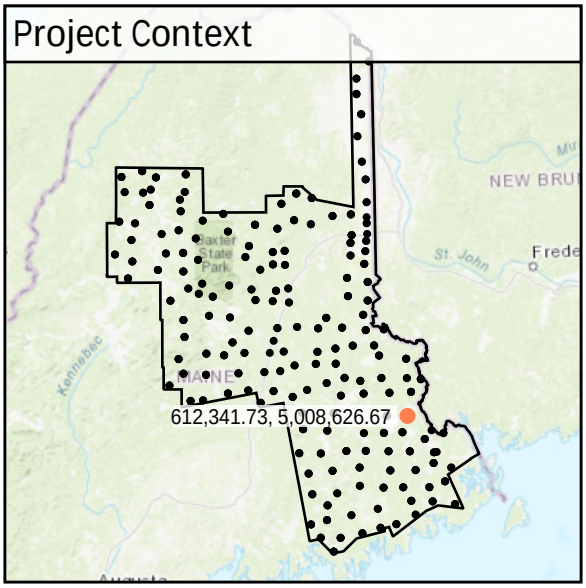
NVA - UA04

All Points TIN Dz +0.03 m

UA05

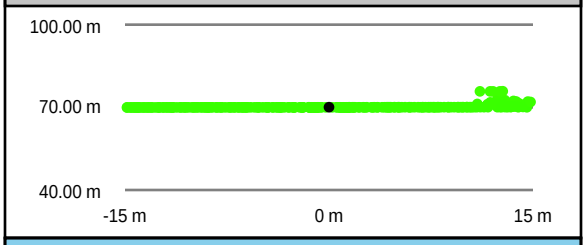
Known Z	70.05 m	Point Density	2.37 ppsm
DEM Dz	-0.04 m	Ground Density	2.37 ppsm
All Points TIN Dz	-0.05 m	Slope	0.51 °

Project Context

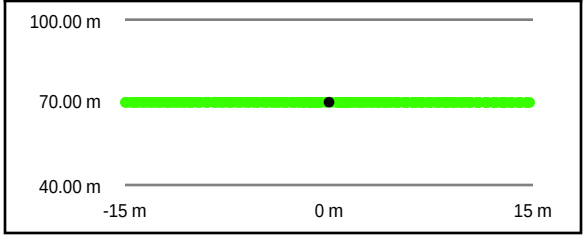


World Imagery

Southwest to Northeast

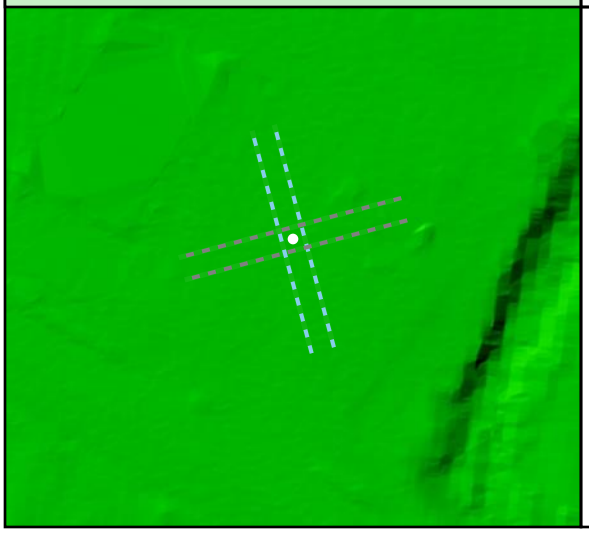


Southeast to Northwest

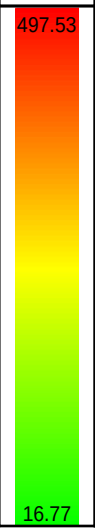


Intensity Raster

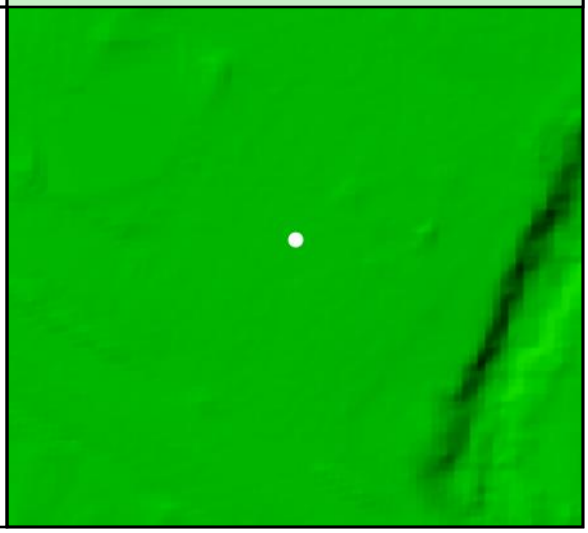
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.04 m

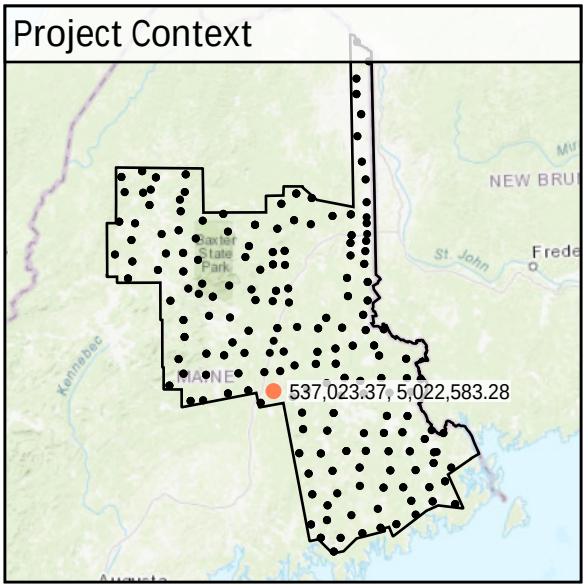
NVA - UA05

All Points TIN Dz -0.05 m

UA06

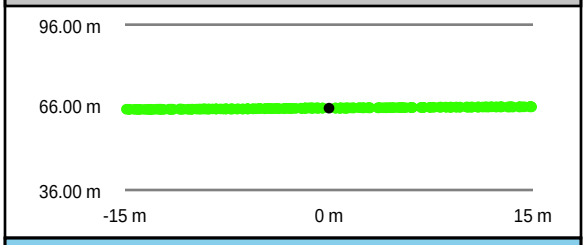
Known Z	65.70 m	Point Density	2.44 ppsm
DEM Dz	0.03 m	Ground Density	2.44 ppsm
All Points TIN Dz	0.04 m	Slope	2.05 °

Project Context

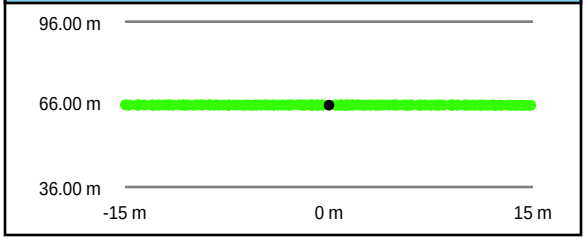


World Imagery

Southwest to Northeast

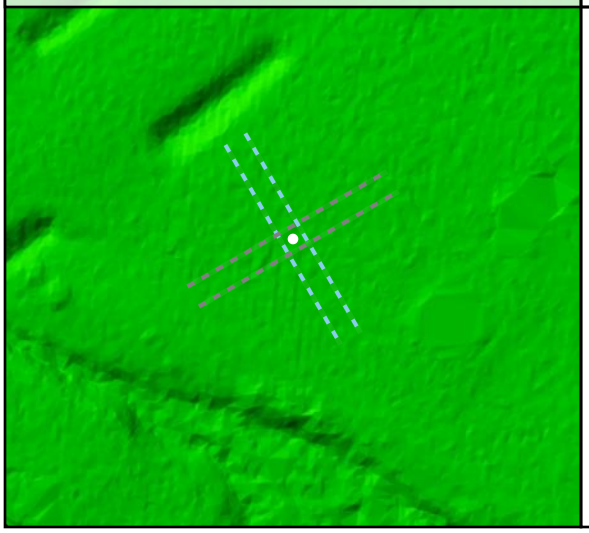


Southeast to Northwest



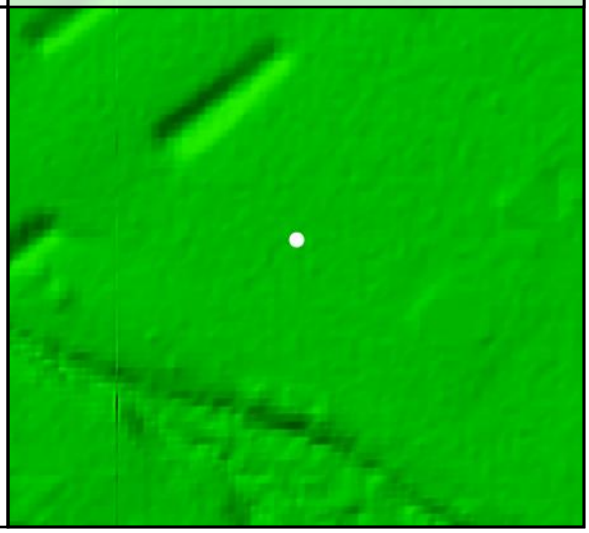
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

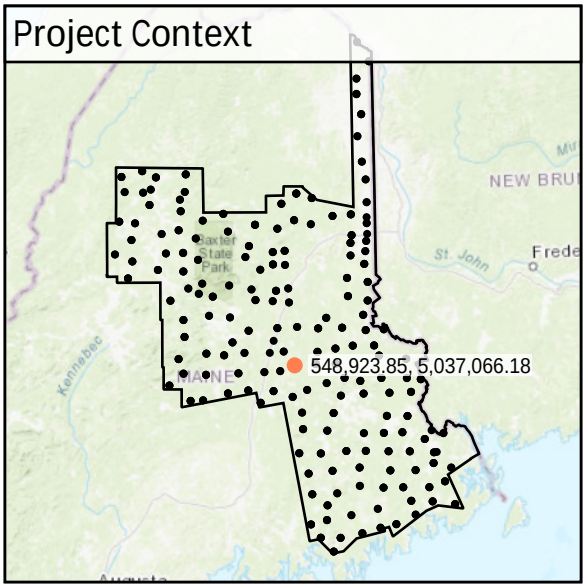
NVA - UA06

All Points TIN Dz +0.04 m

UA07

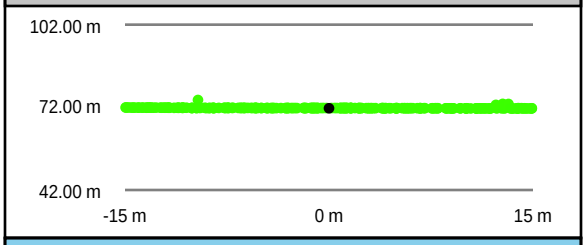
Known Z	71.66 m	Point Density	2.30 ppsm
DEM Dz	0.08 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.08 m	Slope	0.28 °

Project Context

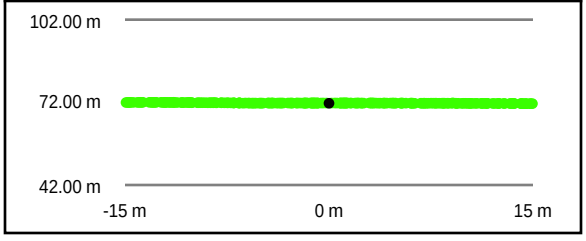


World Imagery

Southwest to Northeast

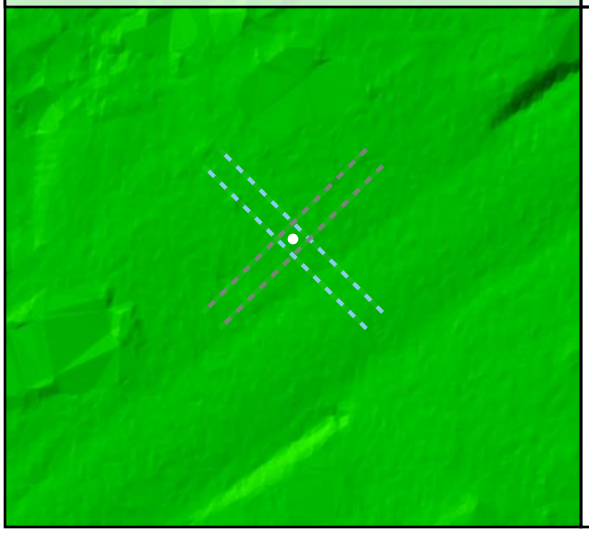


Southeast to Northwest



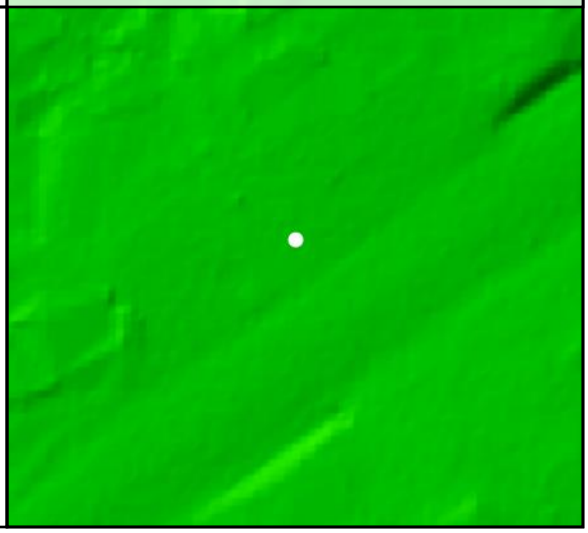
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

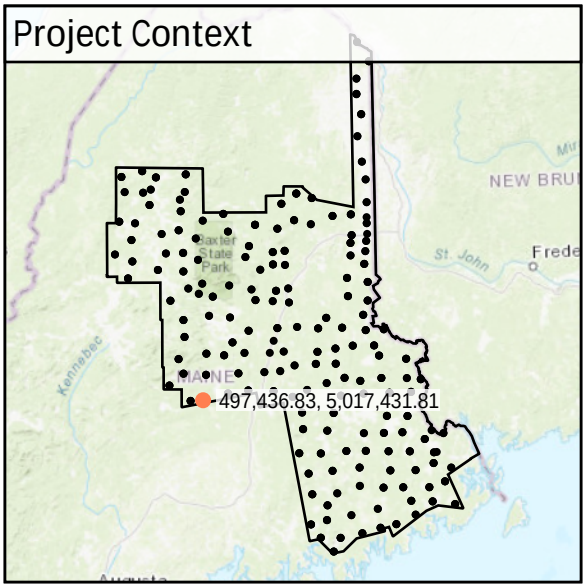
NVA - UA07

All Points TIN Dz +0.08 m

UA08

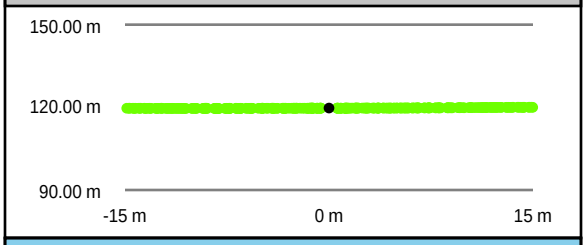
Known Z	119.74 m	Point Density	2.90 ppsm
DEM Dz	-0.05 m	Ground Density	2.90 ppsm
All Points TIN Dz	-0.06 m	Slope	1.05 °

Project Context

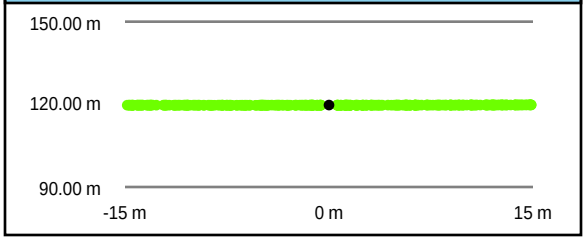


World Imagery

West to East

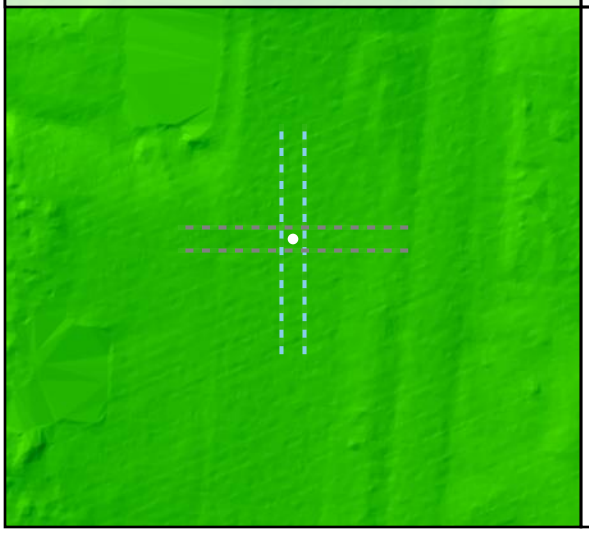


South to North



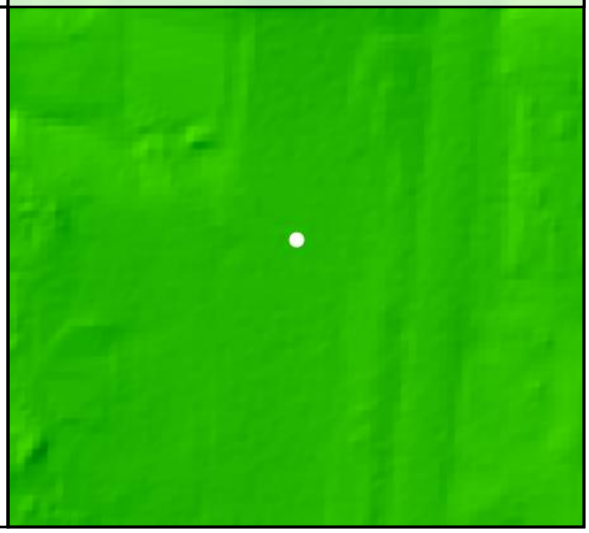
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

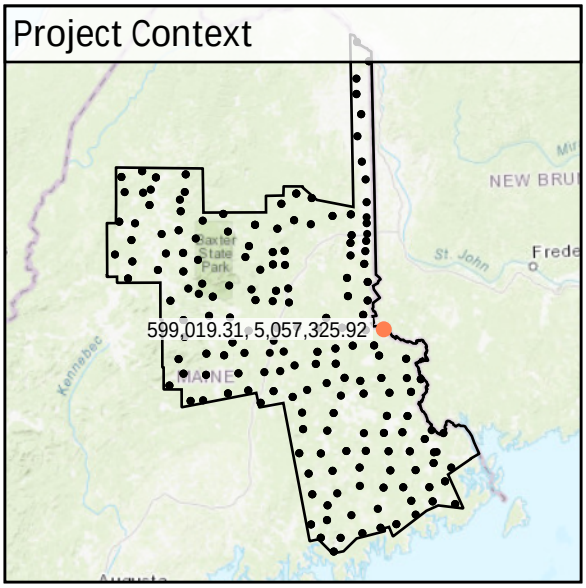
NVA - UA08

All Points TIN Dz -0.06 m

UA09

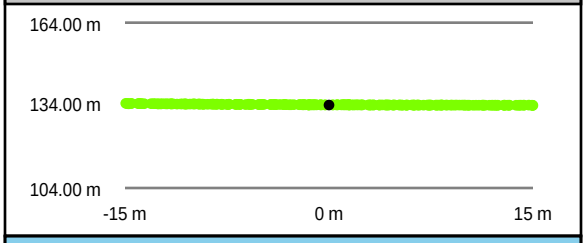
Known Z	134.11 m	Point Density	2.19 ppsm
DEM Dz	0.07 m	Ground Density	2.19 ppsm
All Points TIN Dz	0.05 m	Slope	1.67 °

Project Context

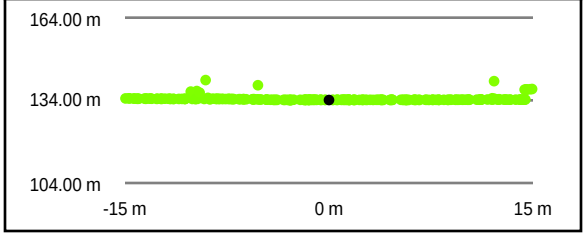


World Imagery

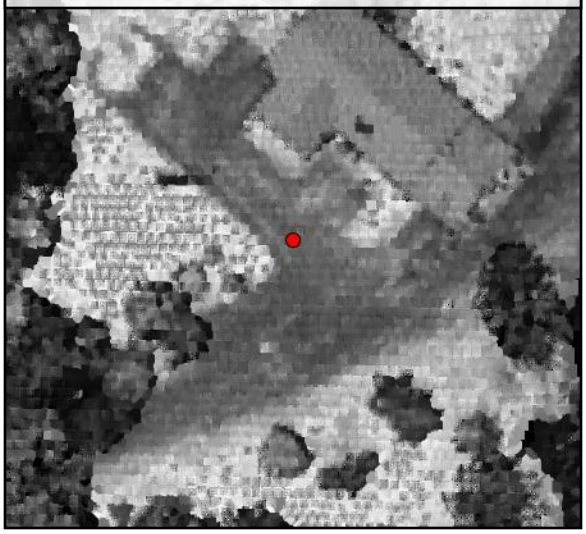
Southeast to Northwest



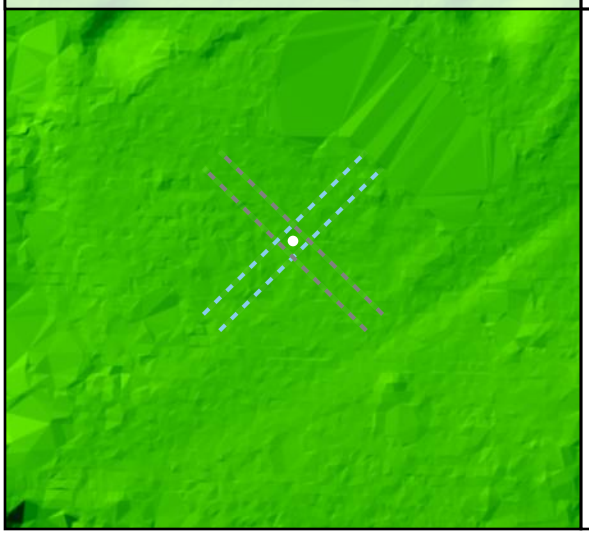
Southwest to Northeast



Intensity Raster

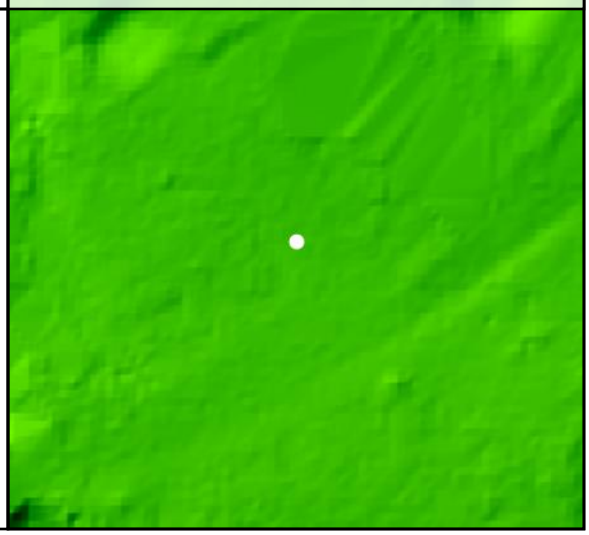


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

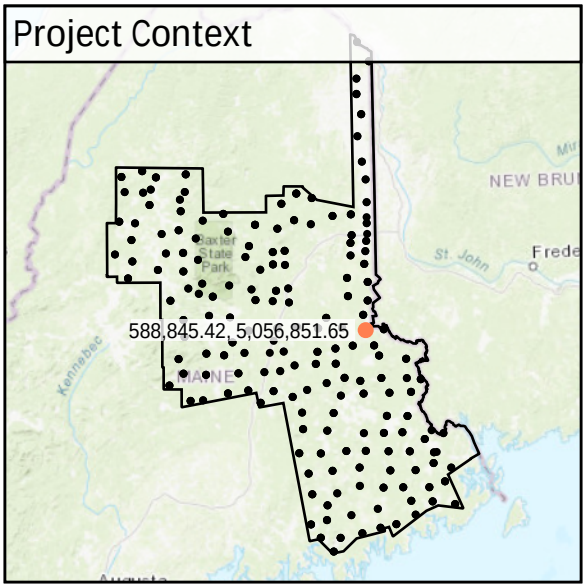
NVA - UA09

All Points TIN Dz +0.05 m

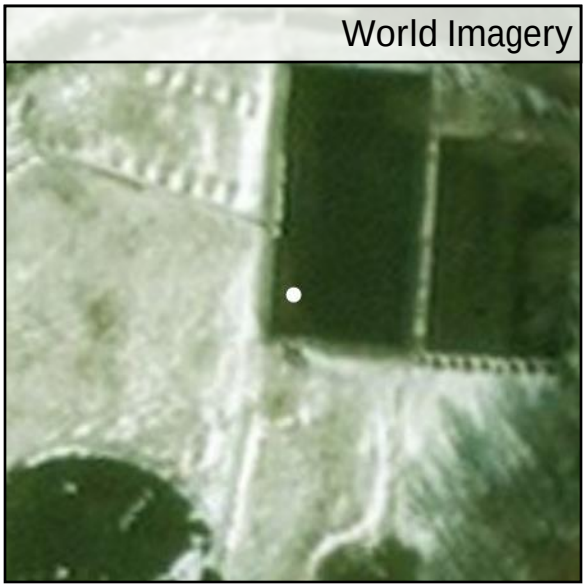
UA10

Known Z	147.73 m	Point Density	3.15 ppsm
DEM Dz	-0.02 m	Ground Density	3.15 ppsm
All Points TIN Dz	-0.02 m	Slope	0.27 °

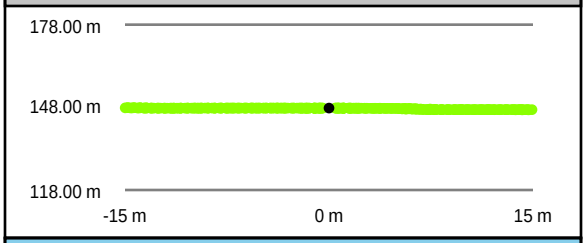
Project Context



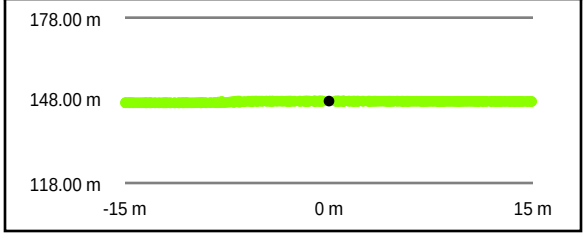
World Imagery



Southeast to Northwest

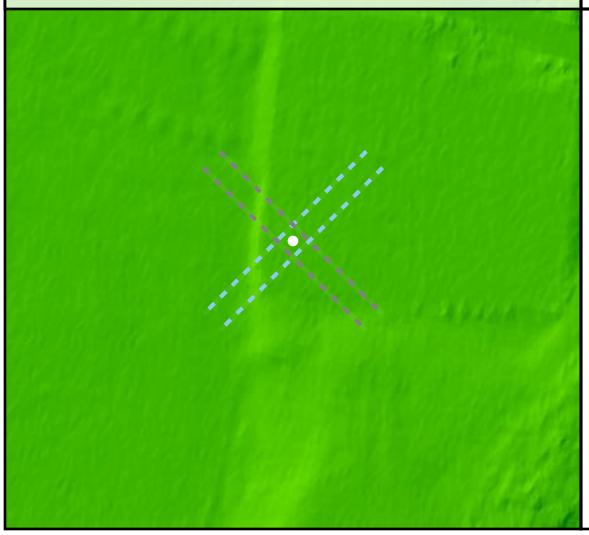


Southwest to Northeast



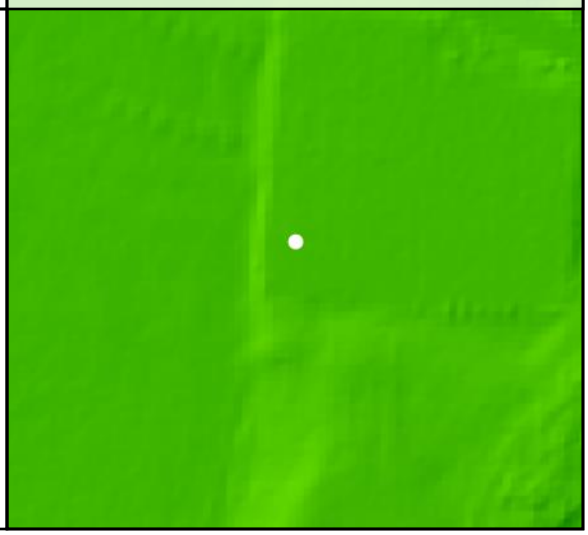
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

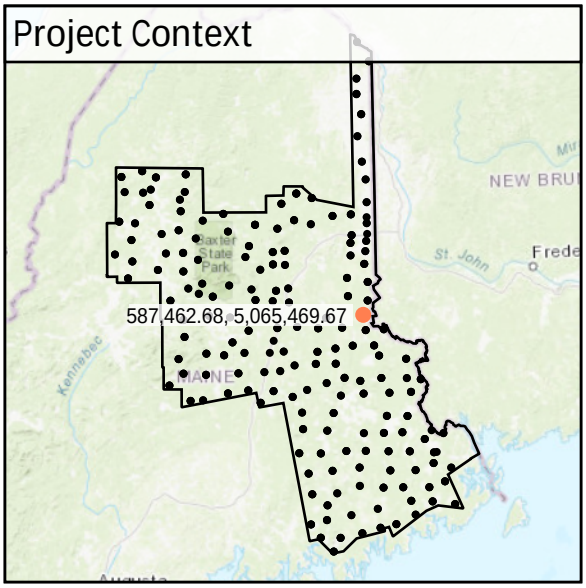
NVA - UA10

All Points TIN Dz -0.02 m

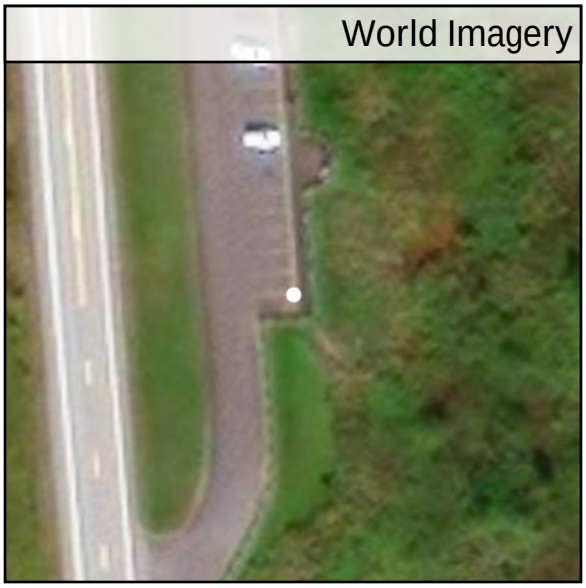
UA11

Known Z	226.24 m	Point Density	2.79 ppsm
DEM Dz	-0.01 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.00 m	Slope	1.46 °

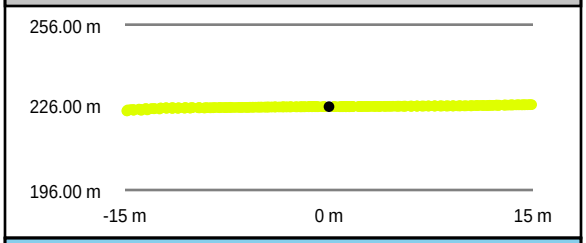
Project Context



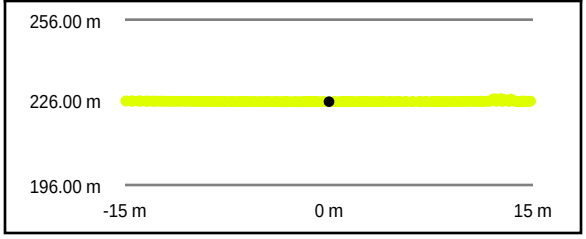
World Imagery



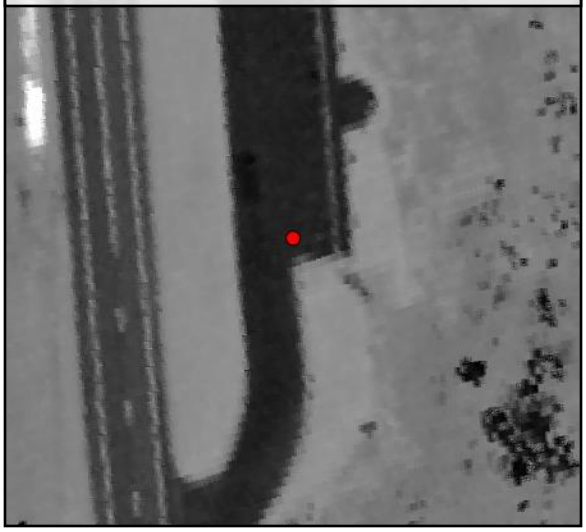
Southeast to Northwest



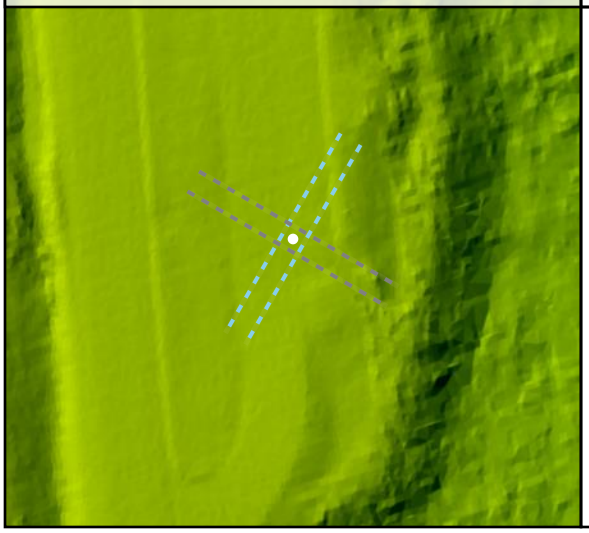
Southwest to Northeast



Intensity Raster

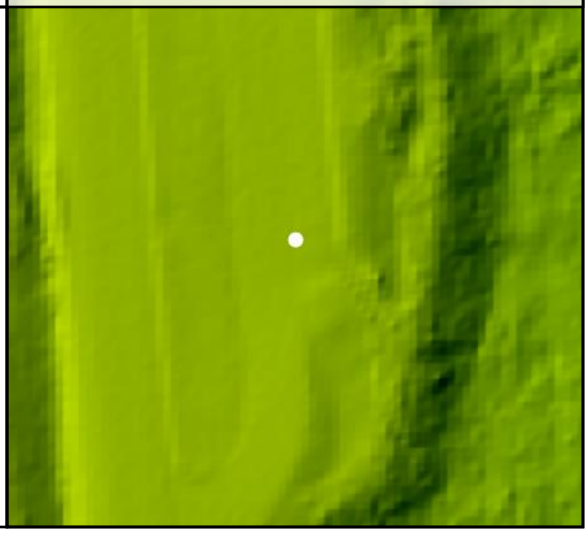


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

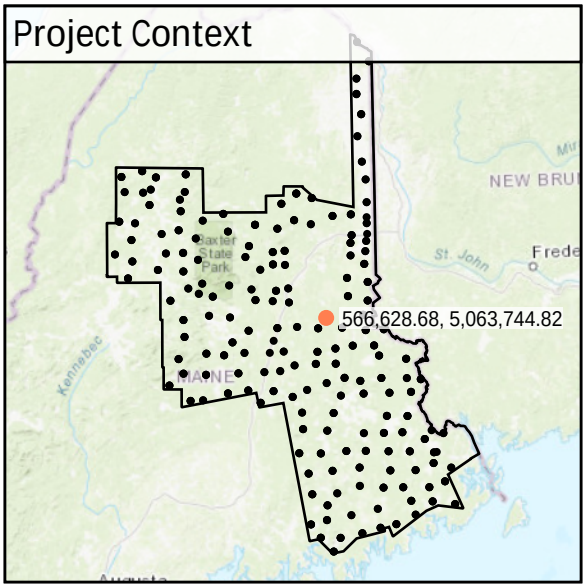
NVA - UA11

All Points TIN Dz 0.00 m

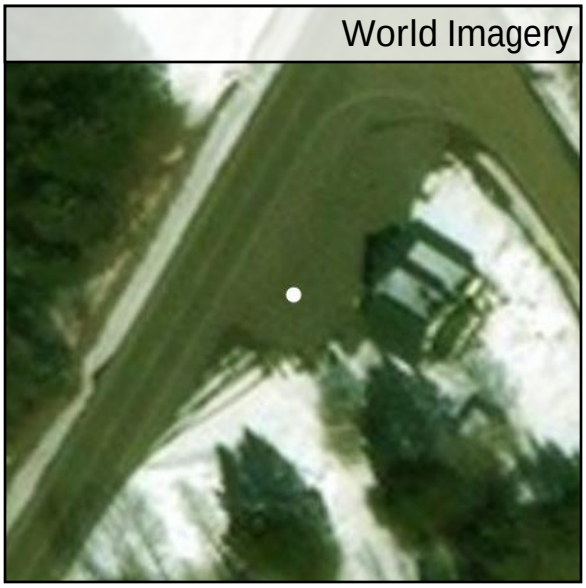
UA12

Known Z	165.13 m	Point Density	2.02 ppsm
DEM Dz	-0.02 m	Ground Density	2.02 ppsm
All Points TIN Dz	-0.01 m	Slope	2.31 °

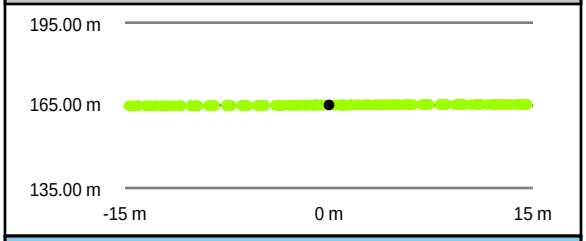
Project Context



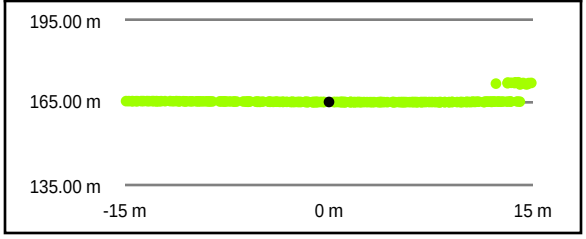
World Imagery



South to North

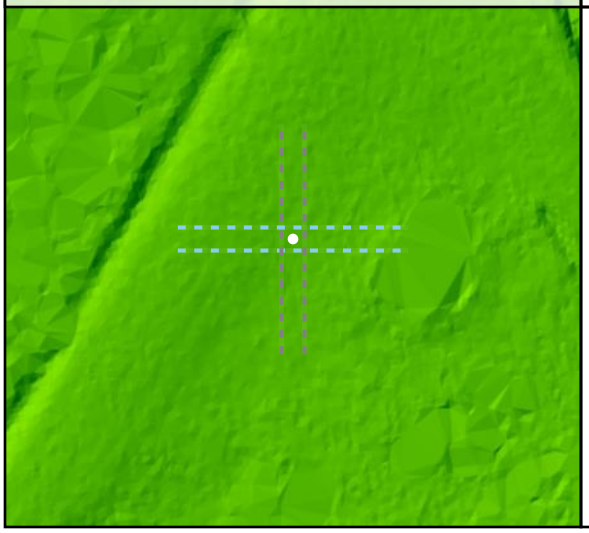


West to East



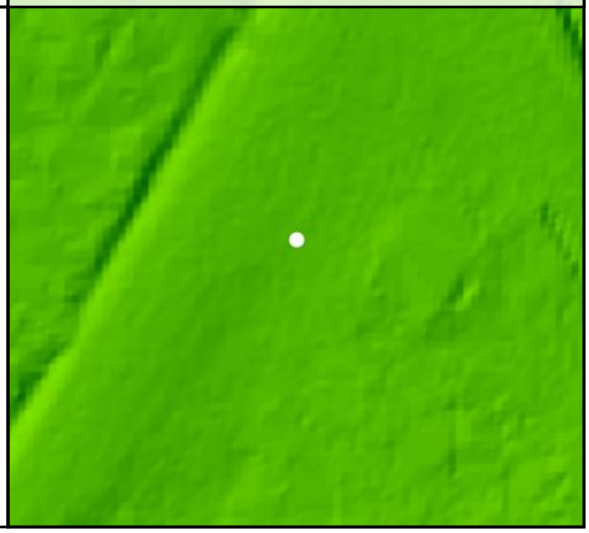
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

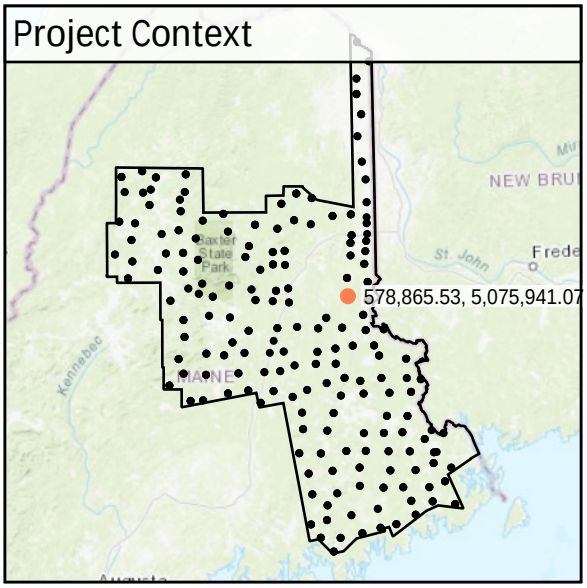
NVA - UA12

All Points TIN Dz -0.01 m

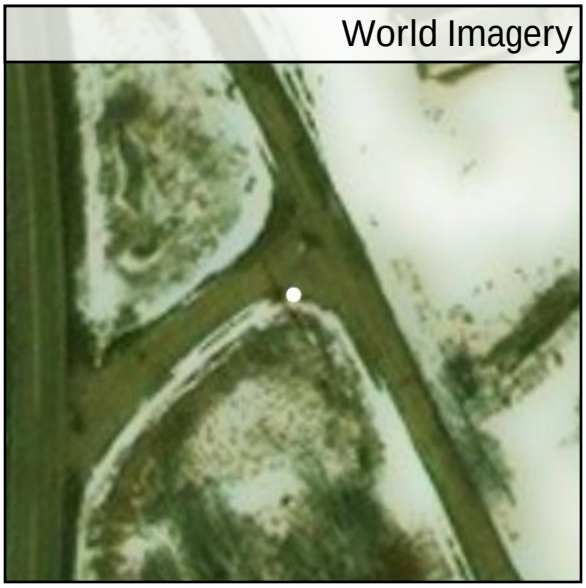
UA13

Known Z	116.62 m	Point Density	2.37 ppsm
DEM Dz	-0.09 m	Ground Density	2.37 ppsm
All Points TIN Dz	-0.09 m	Slope	1.17 °

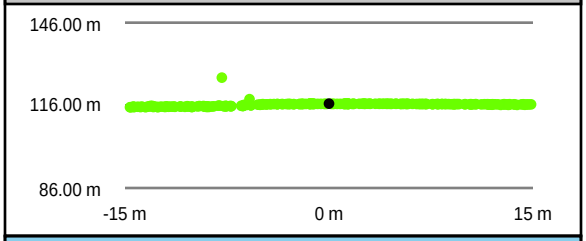
Project Context



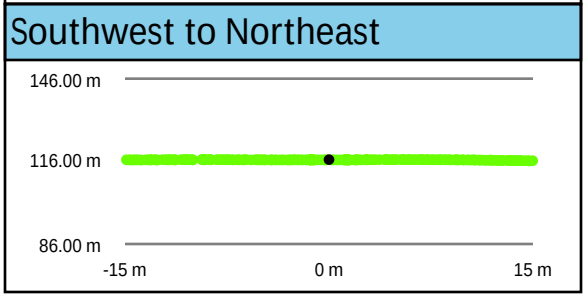
World Imagery



Southeast to Northwest

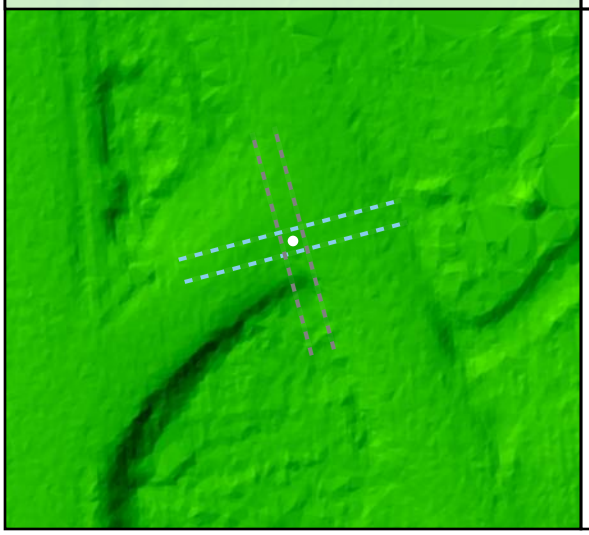


Southwest to Northeast



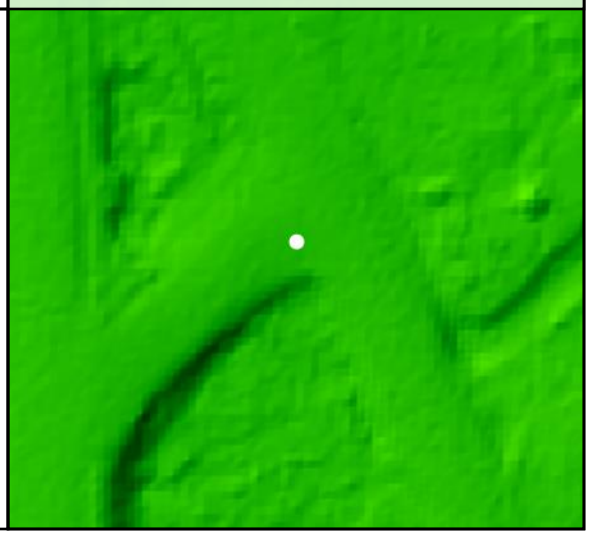
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.09 m

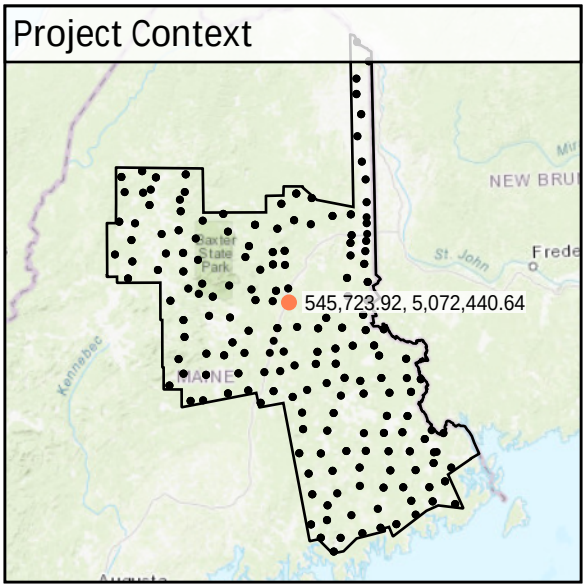
NVA - UA13

All Points TIN Dz -0.09 m

UA14

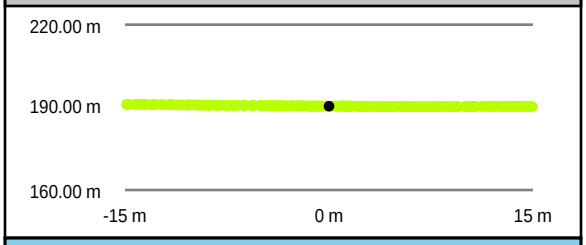
Known Z	190.40 m	Point Density	2.37 ppsm
DEM Dz	0.04 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.04 m	Slope	2.68 °

Project Context

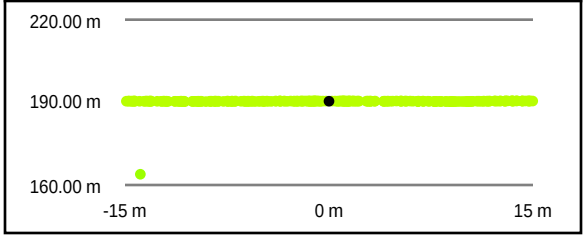


World Imagery

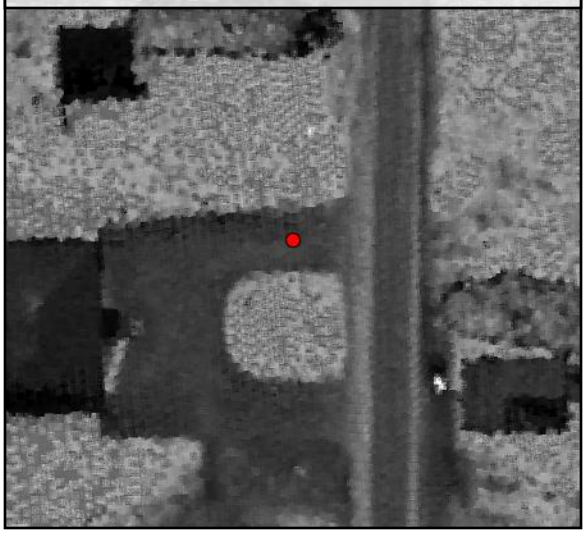
West to East



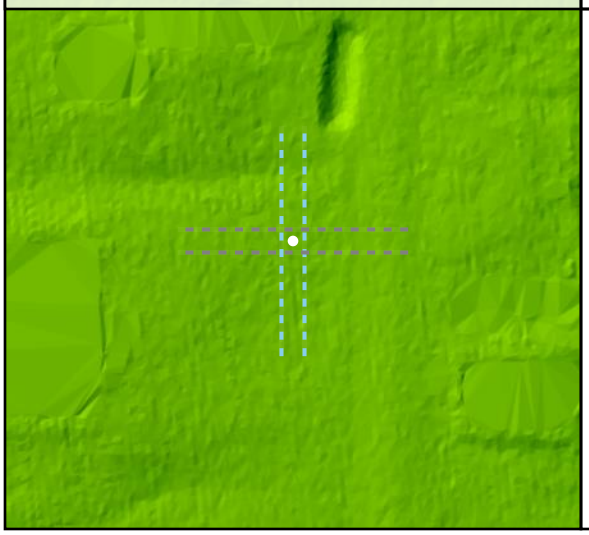
South to North



Intensity Raster

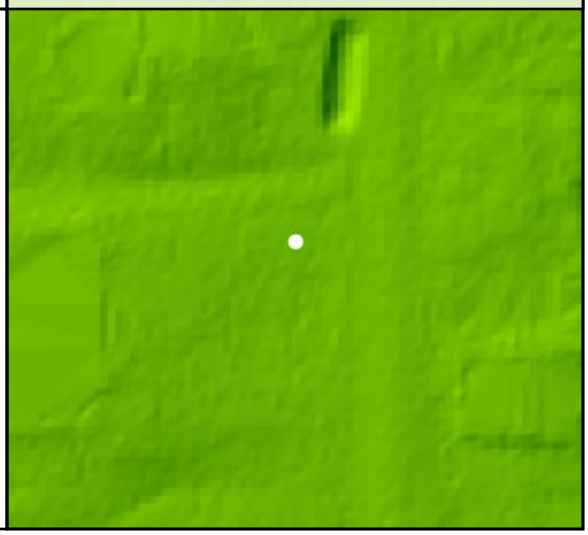


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

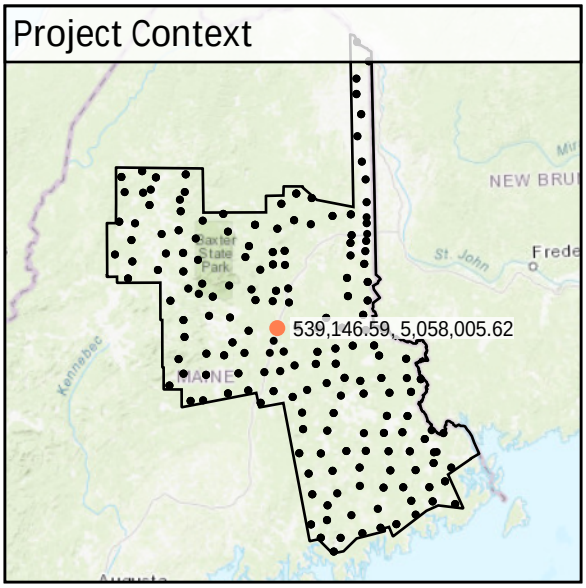
NVA - UA14

All Points TIN Dz +0.04 m

UA15

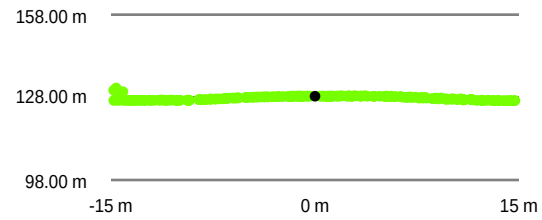
Known Z	128.40 m	Point Density	2.26 ppsm
DEM Dz	0.01 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.01 m	Slope	3.84 °

Project Context

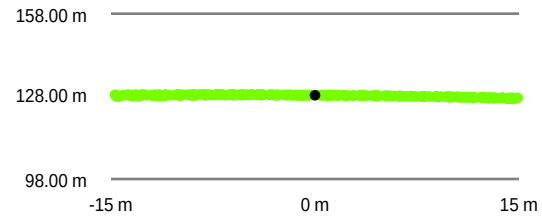


World Imagery

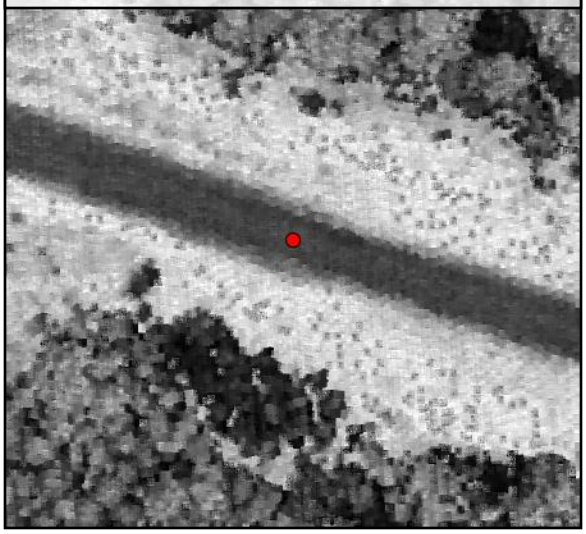
Southwest to Northeast



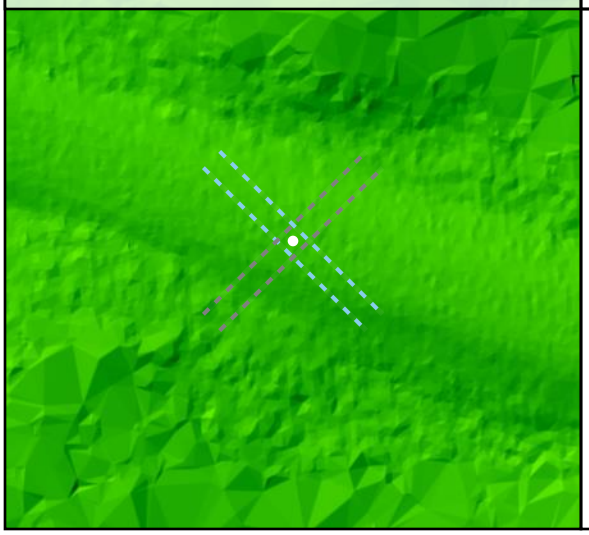
Southeast to Northwest



Intensity Raster

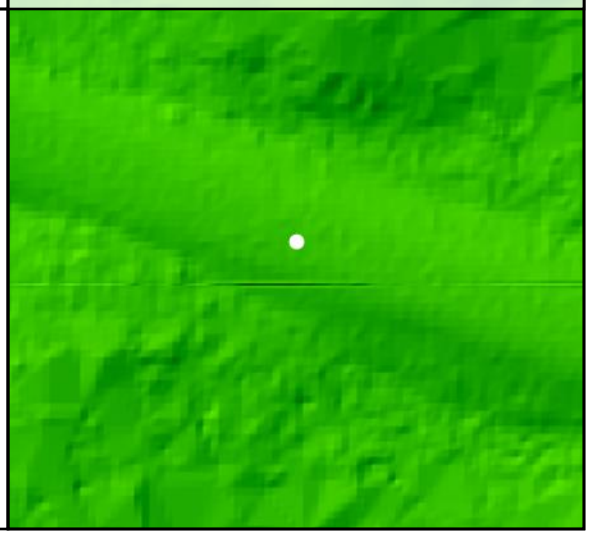


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

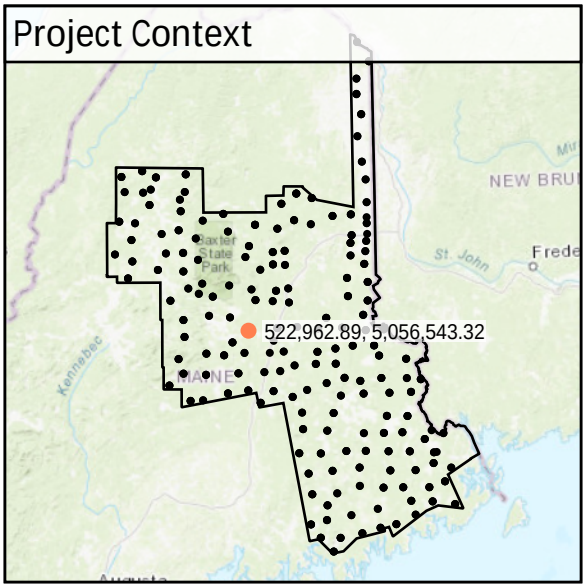
NVA - UA15

All Points TIN Dz +0.01 m

UA16

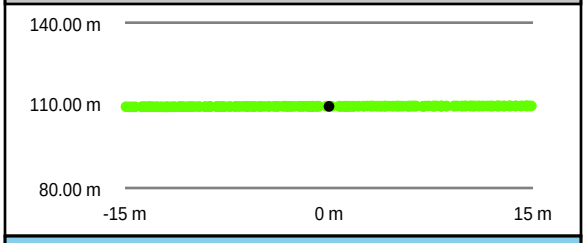
Known Z	109.61 m	Point Density	2.12 ppsm
DEM Dz	0.05 m	Ground Density	2.12 ppsm
All Points TIN Dz	0.07 m	Slope	0.78 °

Project Context

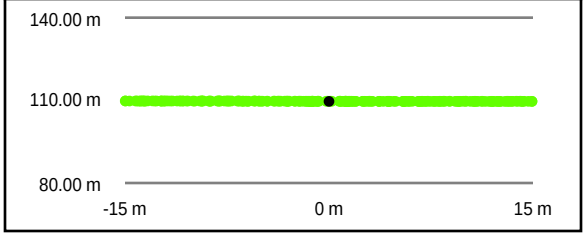


World Imagery

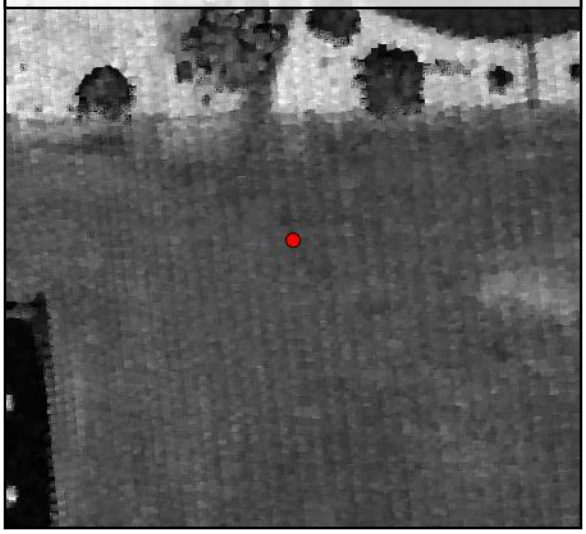
Southeast to Northwest



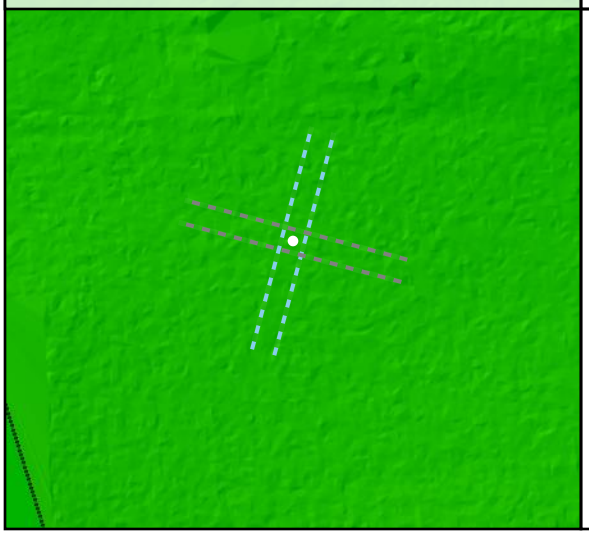
Southwest to Northeast



Intensity Raster

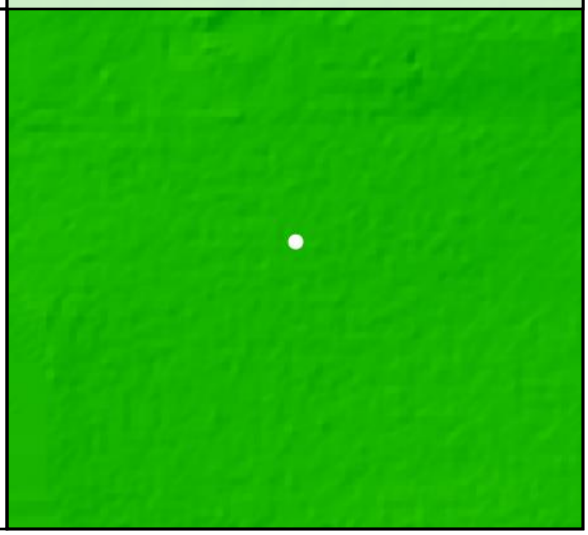


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

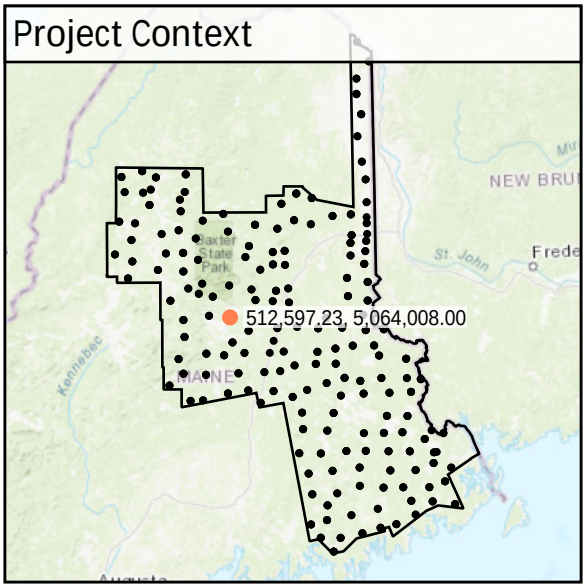
NVA - UA16

All Points TIN Dz +0.07 m

UA17

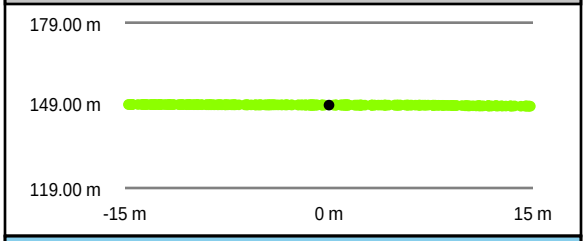
Known Z	149.08 m	Point Density	2.86 ppsm
DEM Dz	0.03 m	Ground Density	2.86 ppsm
All Points TIN Dz	0.01 m	Slope	1.09 °

Project Context

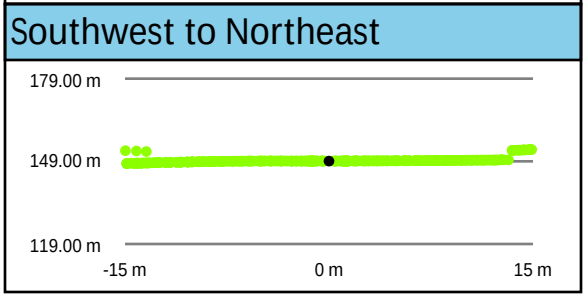


World Imagery

Southeast to Northwest



Southwest to Northeast

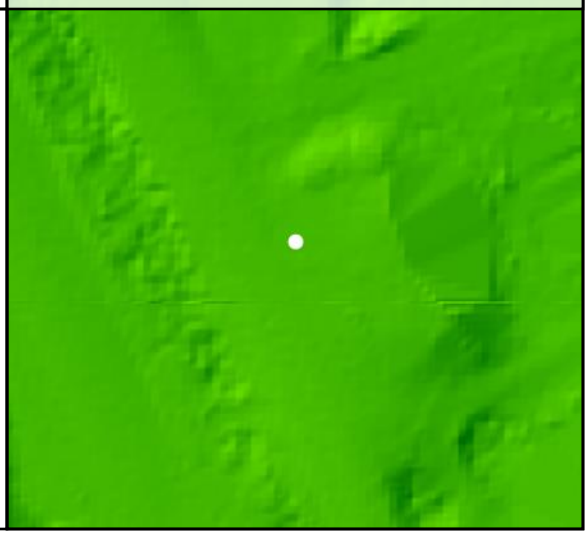


Intensity Raster

TIN Surface

Project Elevation

DEM Surface



DEM Dz +0.03 m

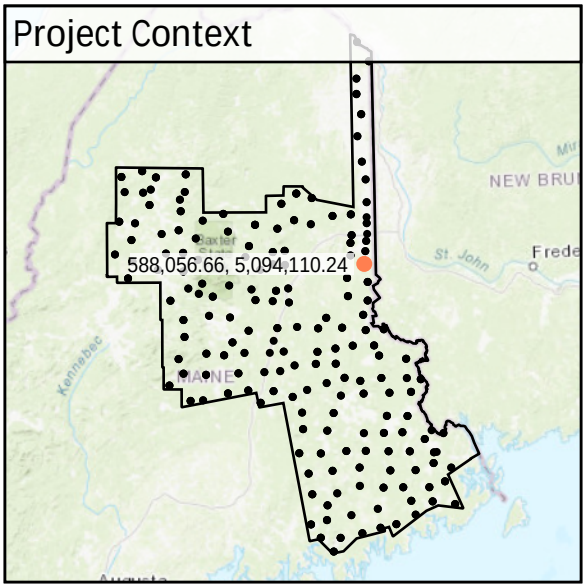
NVA - UA17

All Points TIN Dz +0.01 m

UA18

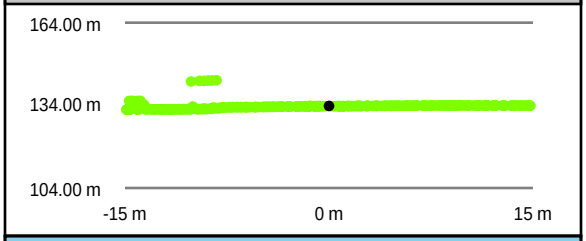
Known Z	133.77 m	Point Density	2.41 ppsm
DEM Dz	-0.10 m	Ground Density	2.41 ppsm
All Points TIN Dz	-0.08 m	Slope	2.46 °

Project Context

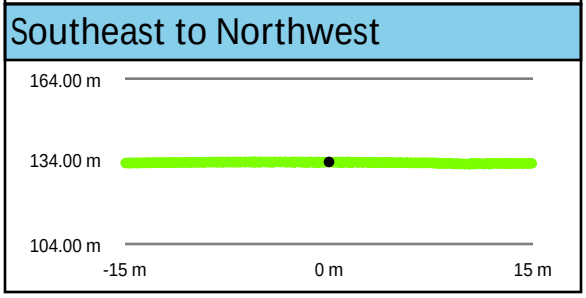


World Imagery

Southwest to Northeast

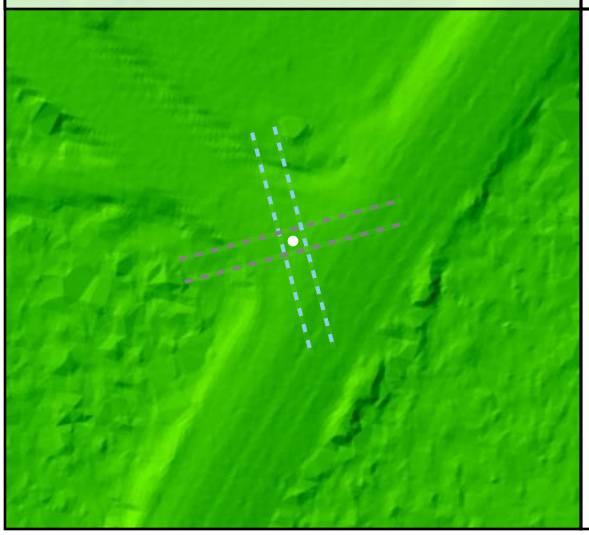


Southeast to Northwest



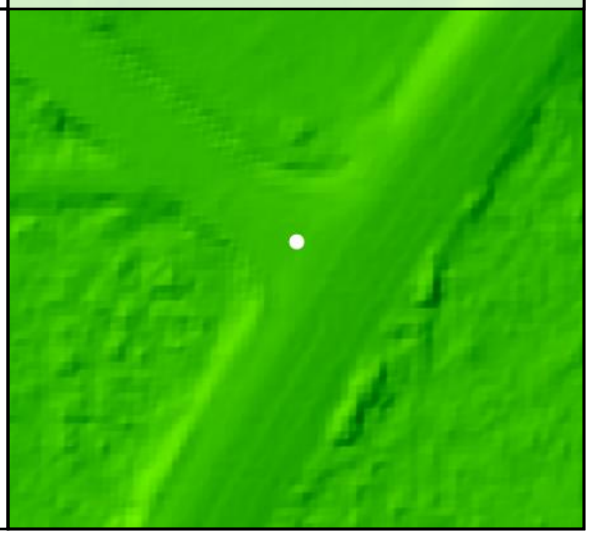
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.10 m

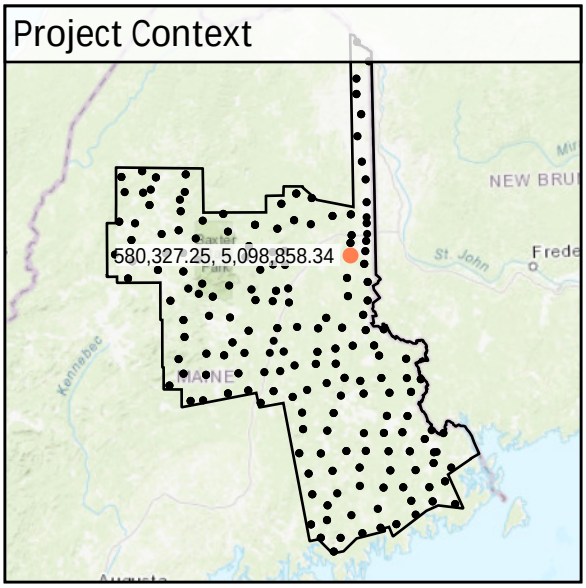
NVA - UA18

All Points TIN Dz -0.08 m

UA19

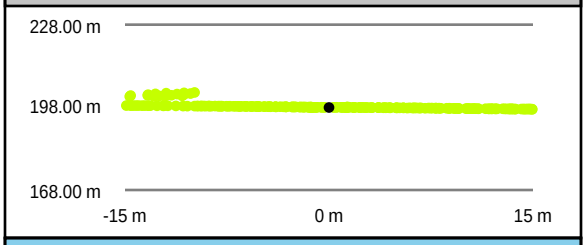
Known Z	197.94 m	Point Density	2.26 ppsm
DEM Dz	0.06 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.05 m	Slope	2.40 °

Project Context

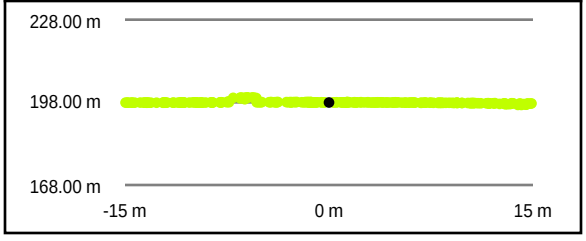


World Imagery

Southwest to Northeast

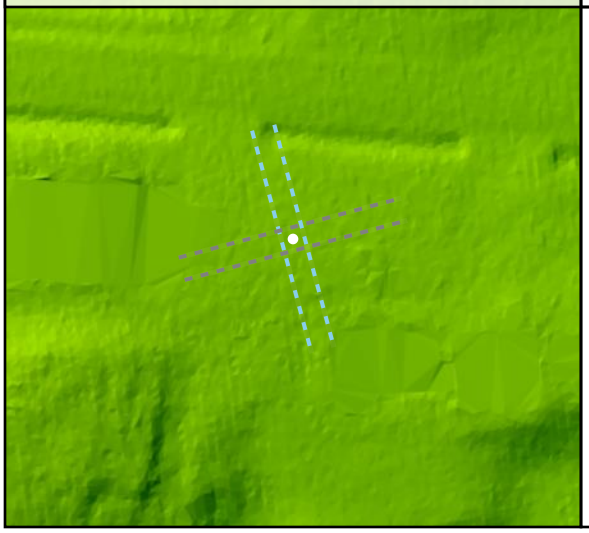


Southeast to Northwest



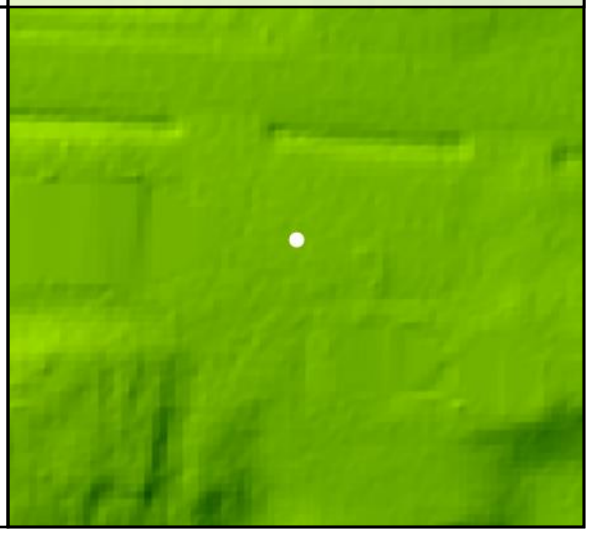
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

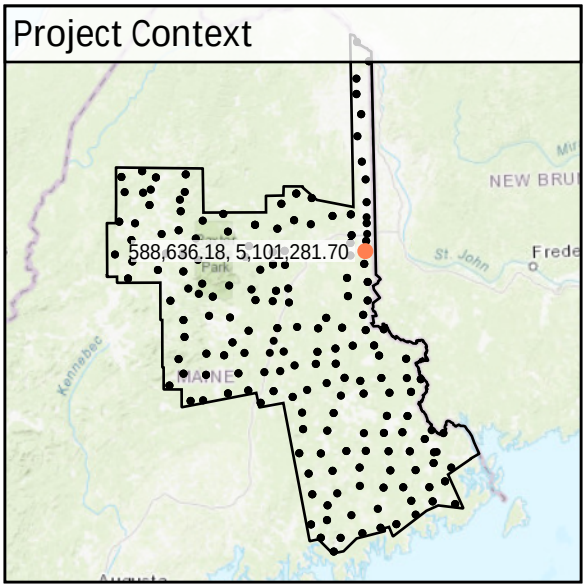
NVA - UA19

All Points TIN Dz +0.05 m

UA20

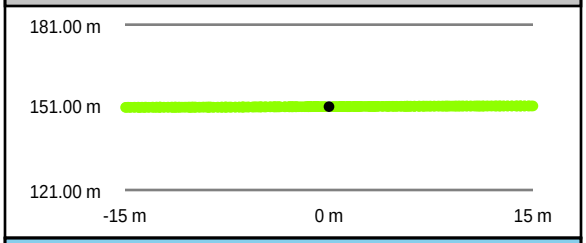
Known Z	151.25 m	Point Density	3.01 ppsm
DEM Dz	0.01 m	Ground Density	3.01 ppsm
All Points TIN Dz	0.01 m	Slope	1.63 °

Project Context

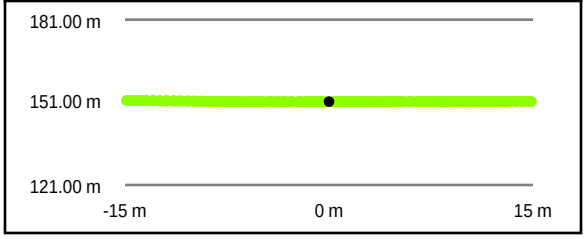


World Imagery

Southwest to Northeast

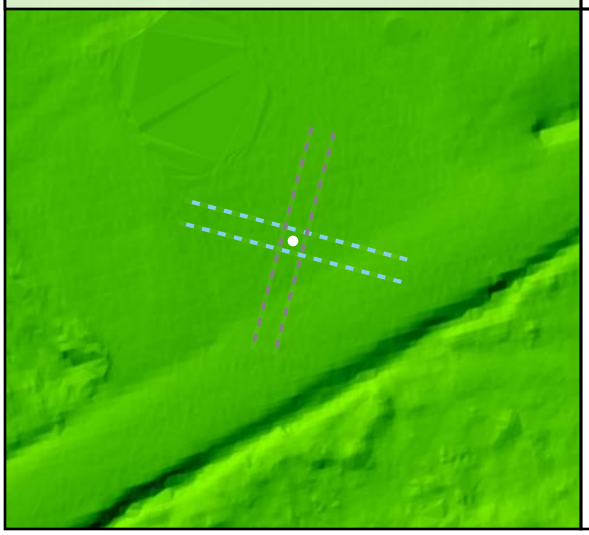


Southeast to Northwest



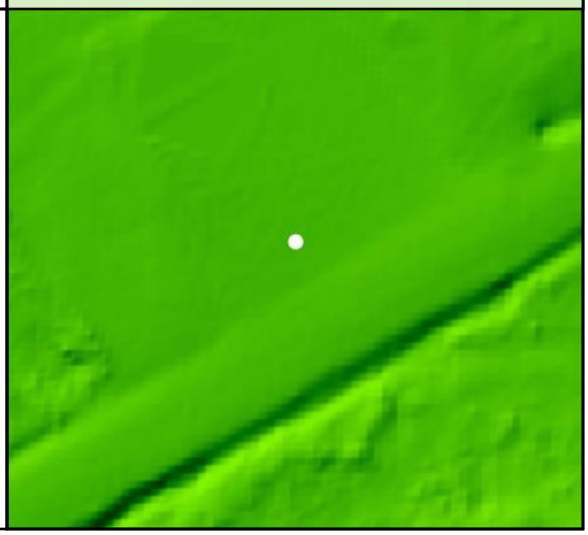
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

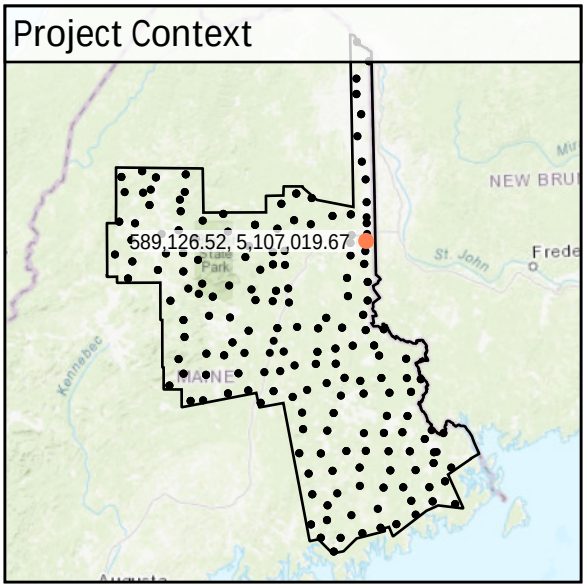
NVA - UA20

All Points TIN Dz +0.01 m

UA21

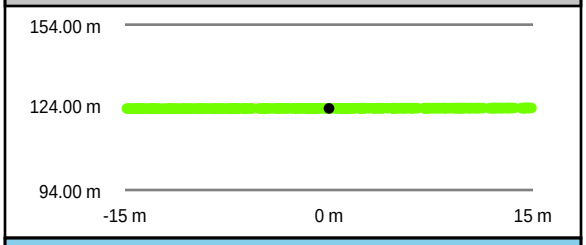
Known Z	123.61 m	Point Density	2.51 ppsm
DEM Dz	0.02 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.02 m	Slope	0.89 °

Project Context

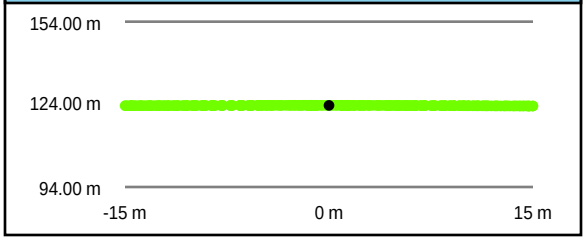


World Imagery

South to North

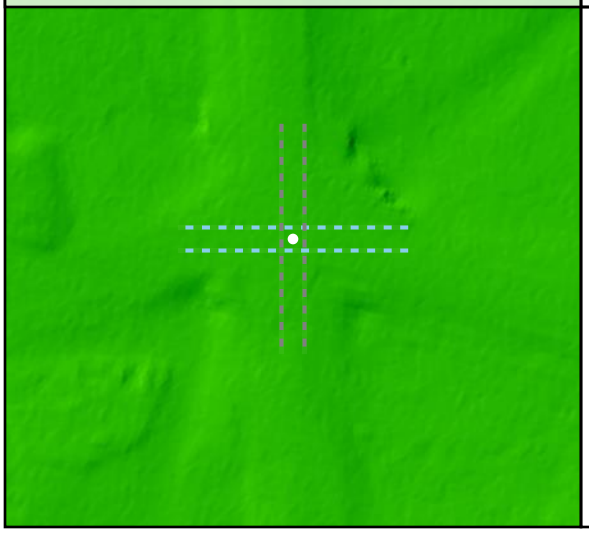


West to East



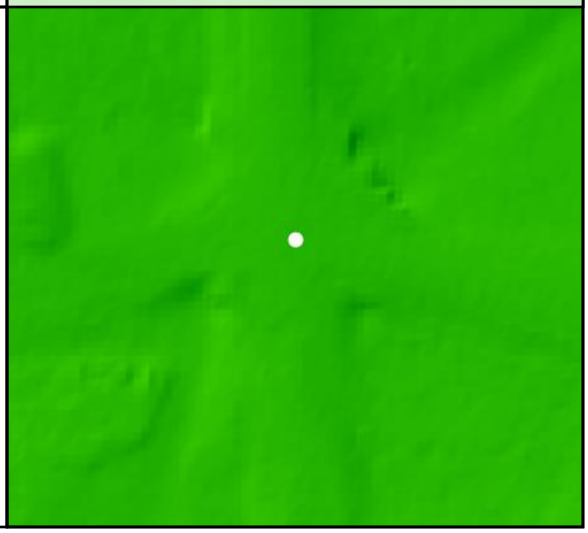
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

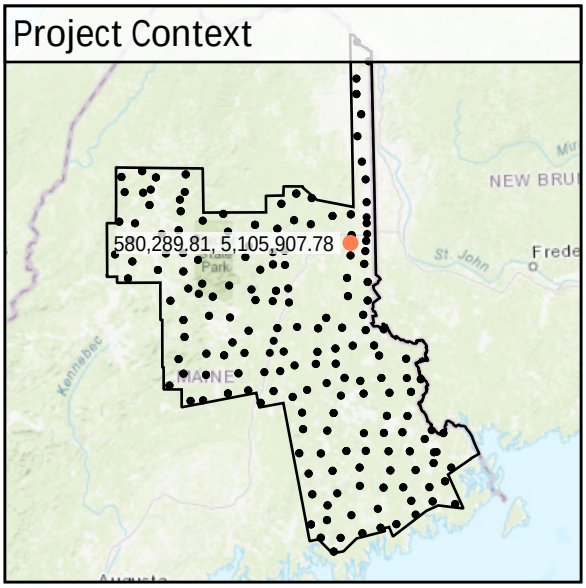
NVA - UA21

All Points TIN Dz +0.02 m

UA22

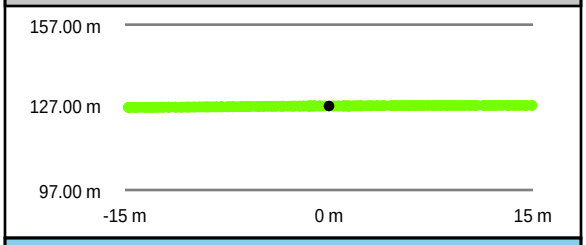
Known Z	127.48 m	Point Density	2.37 ppsm
DEM Dz	0.00 m	Ground Density	2.37 ppsm
All Points TIN Dz	-0.01 m	Slope	1.74 °

Project Context

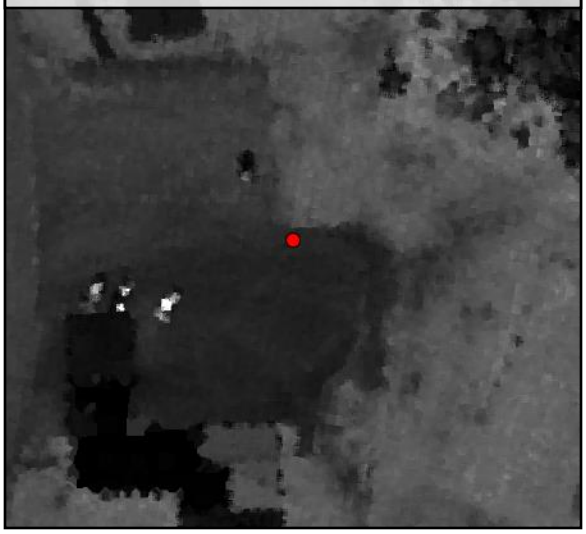


World Imagery

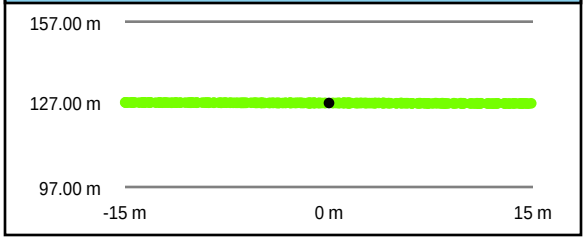
Southeast to Northwest



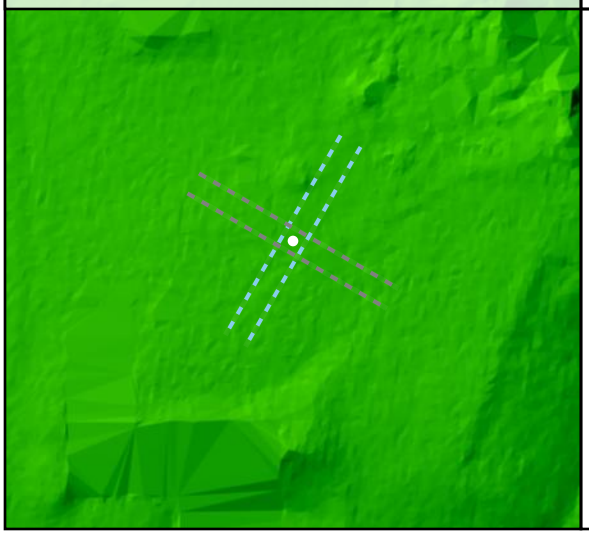
Intensity Raster



Southwest to Northeast

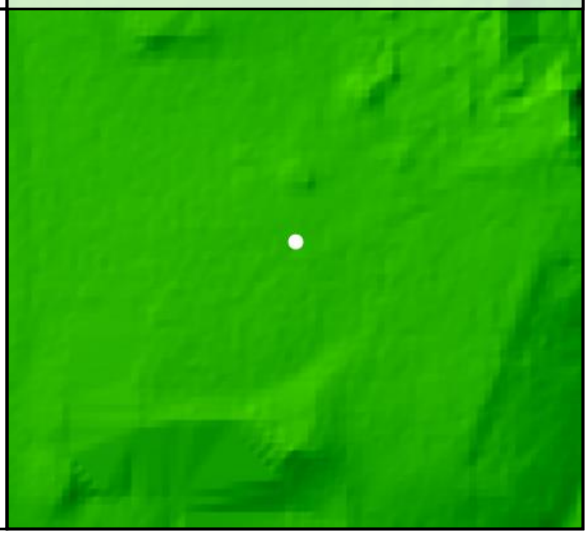


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

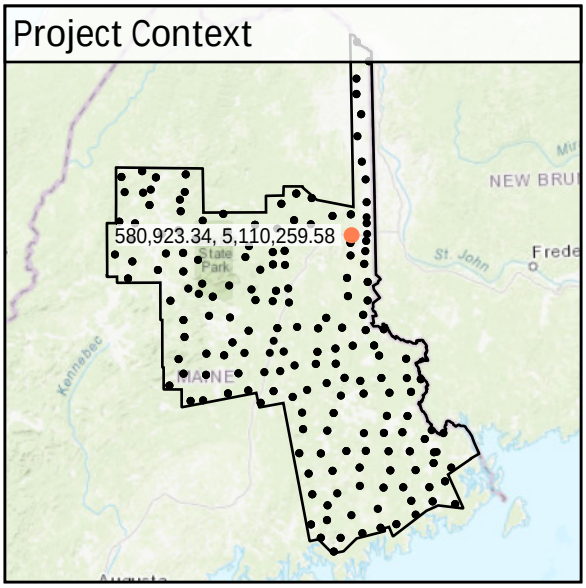
NVA - UA22

All Points TIN Dz -0.01 m

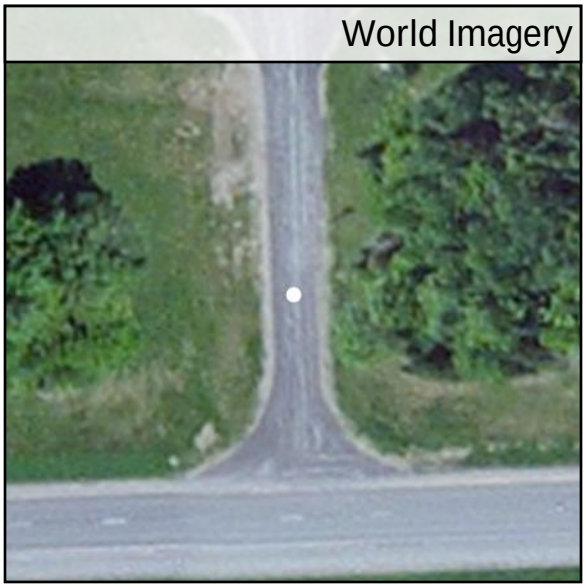
UA23

Known Z	167.05 m	Point Density	2.48 ppsm
DEM Dz	-0.05 m	Ground Density	2.48 ppsm
All Points TIN Dz	-0.05 m	Slope	1.99 °

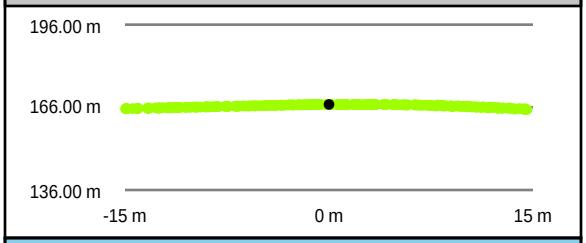
Project Context



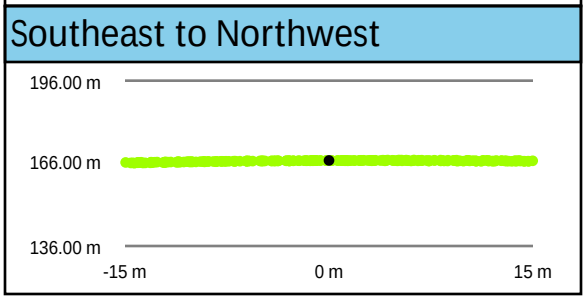
World Imagery



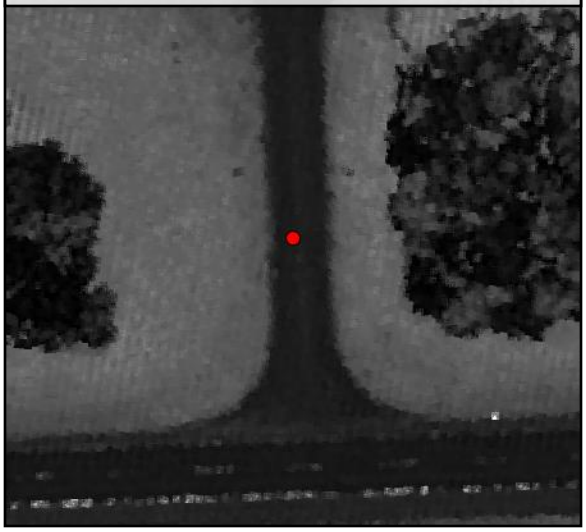
Southwest to Northeast



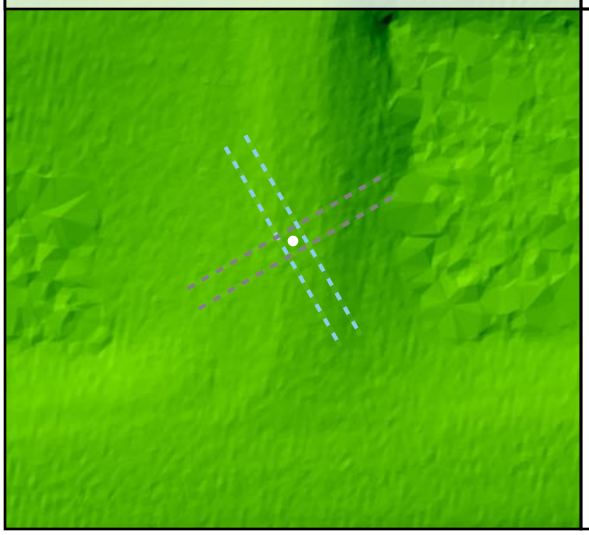
Southeast to Northwest



Intensity Raster

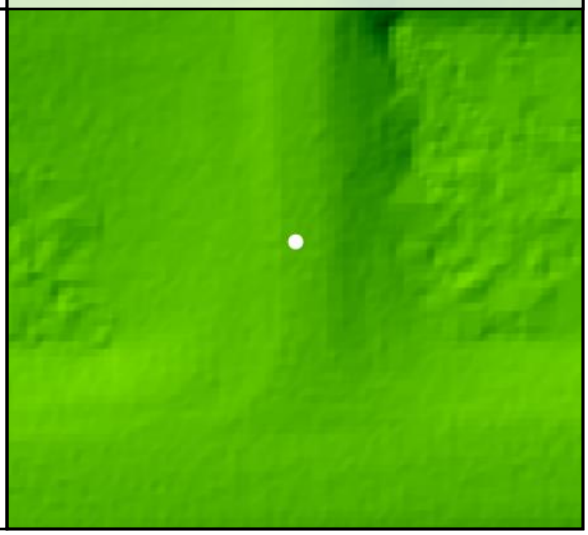


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

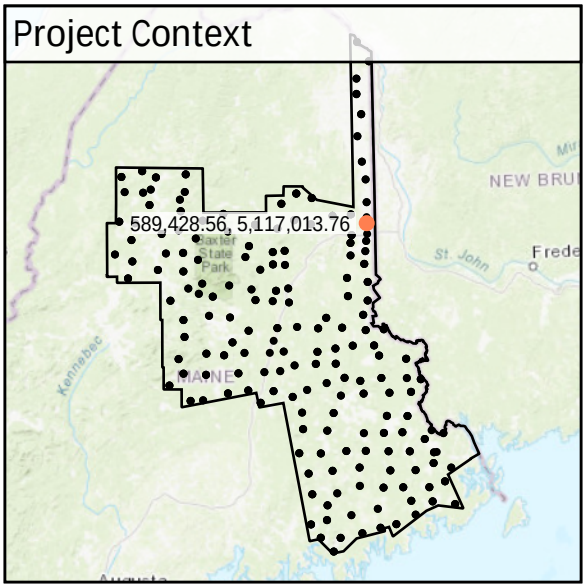
NVA - UA23

All Points TIN Dz -0.05 m

UA24

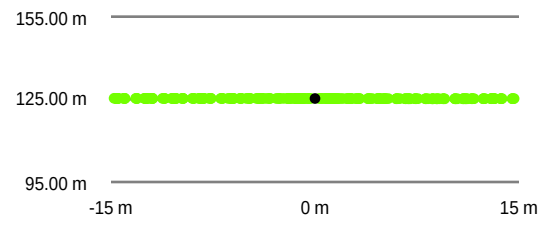
Known Z	125.30 m	Point Density	2.65 ppsm
DEM Dz	0.01 m	Ground Density	2.65 ppsm
All Points TIN Dz	0.02 m	Slope	0.55 °

Project Context

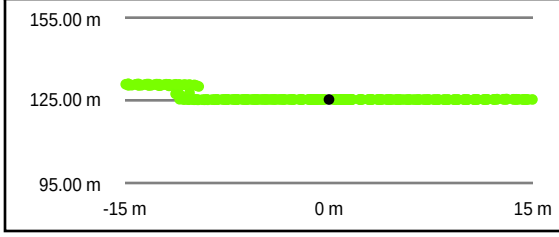


World Imagery

Southwest to Northeast

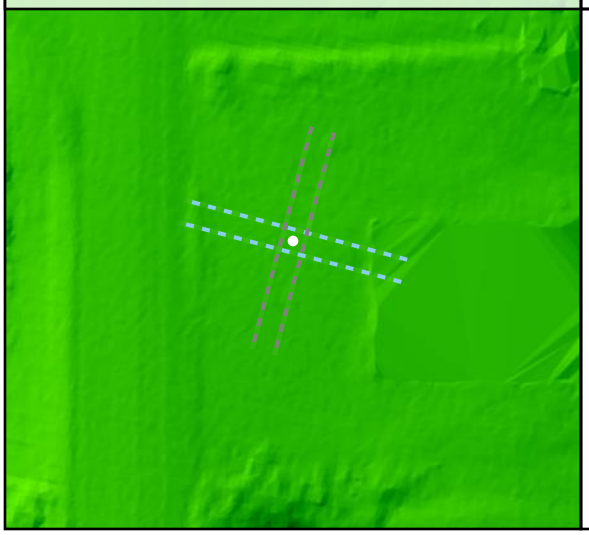


Southeast to Northwest



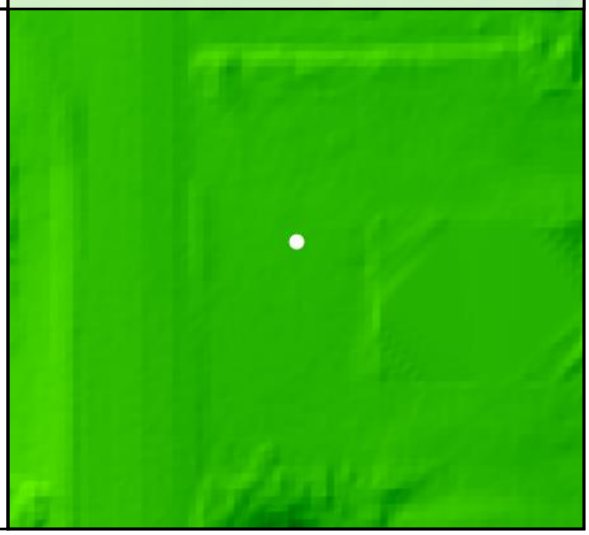
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

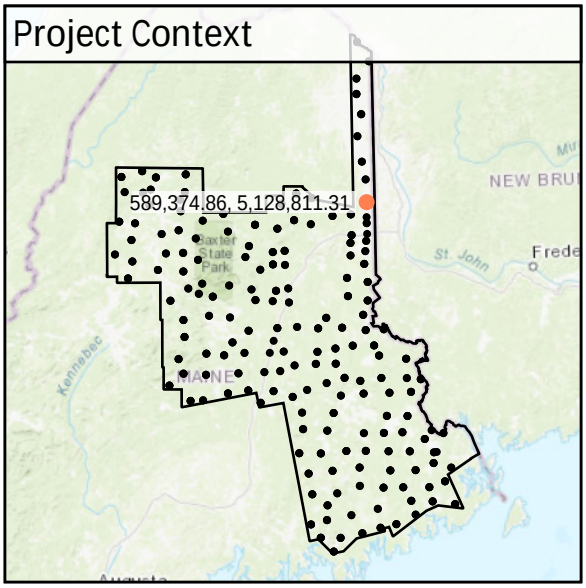
NVA - UA24

All Points TIN Dz +0.02 m

UA25

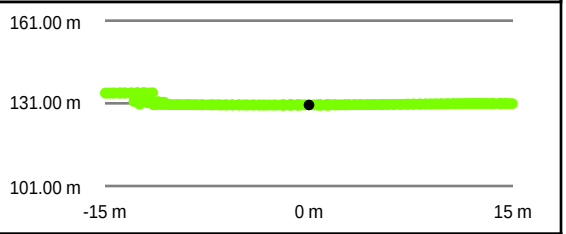
Known Z	130.41 m	Point Density	2.90 ppsm
DEM Dz	0.01 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.02 m	Slope	1.11 °

Project Context

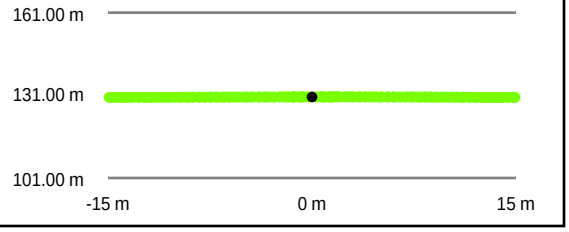


World Imagery

Southeast to Northwest

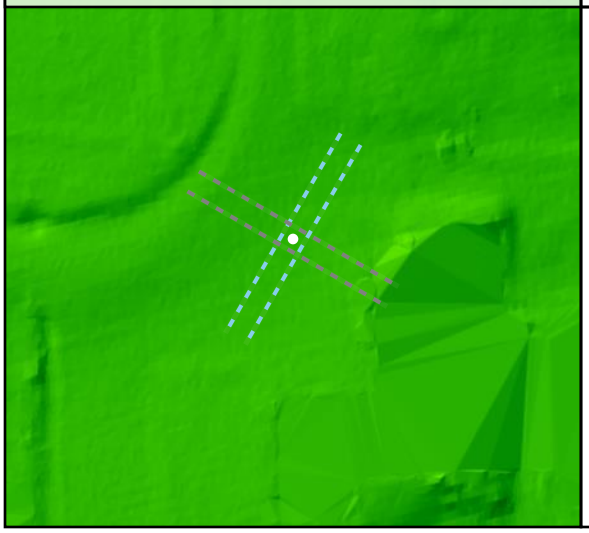


Southwest to Northeast



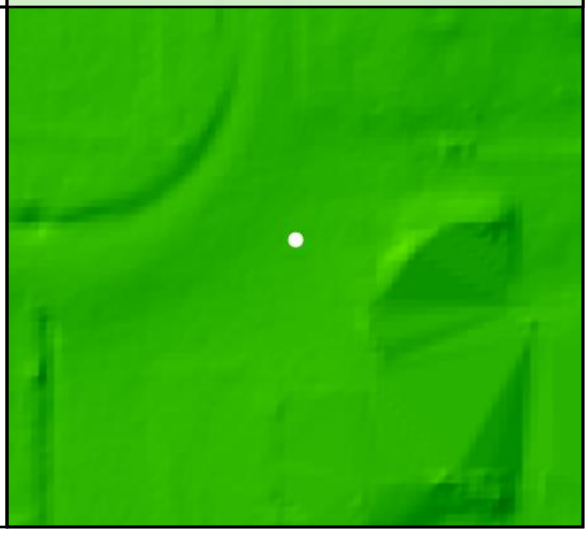
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

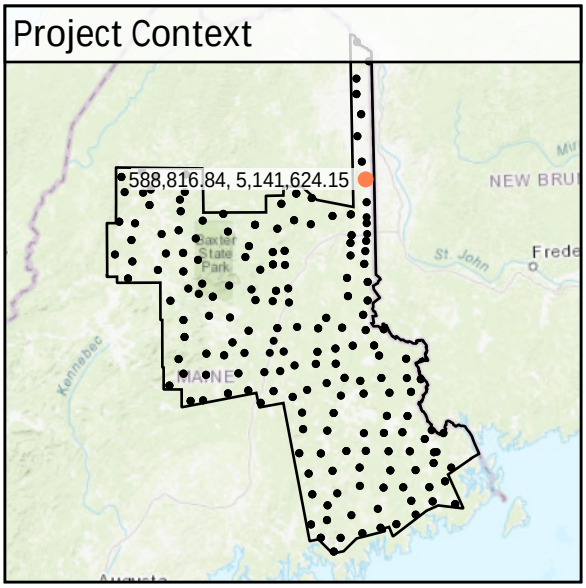
NVA - UA25

All Points TIN Dz +0.02 m

UA26

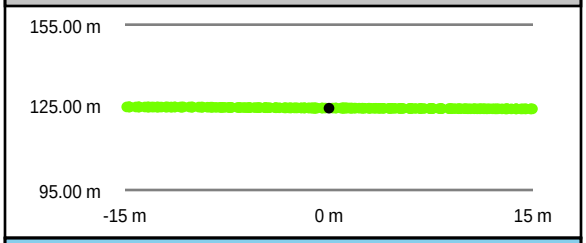
Known Z	124.69 m	Point Density	2.12 ppsm
DEM Dz	0.05 m	Ground Density	2.12 ppsm
All Points TIN Dz	0.06 m	Slope	1.53 °

Project Context

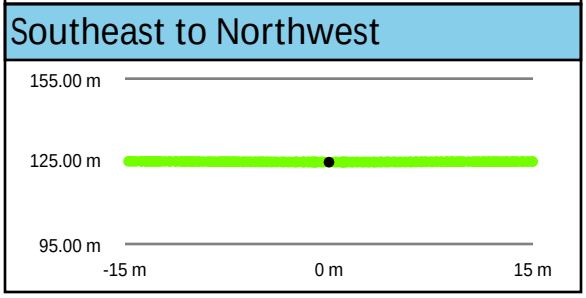


World Imagery

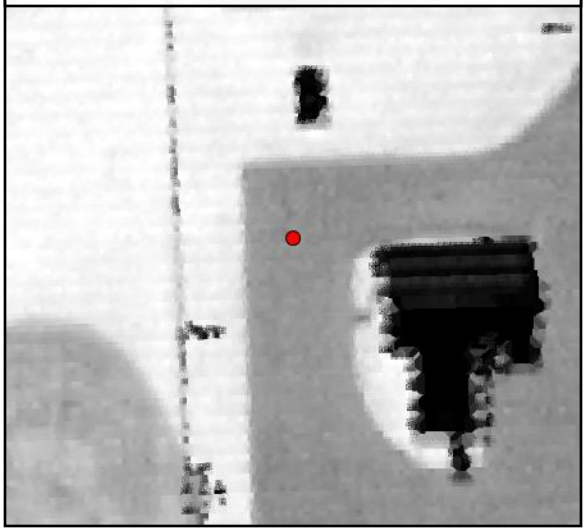
Southwest to Northeast



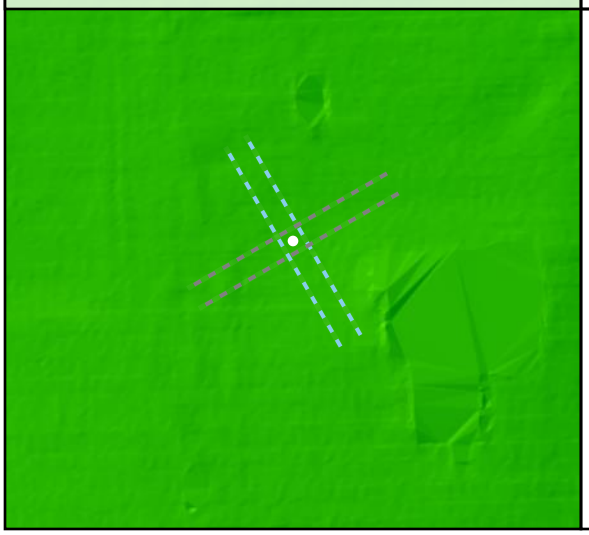
Southeast to Northwest



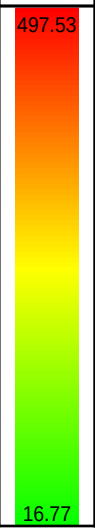
Intensity Raster



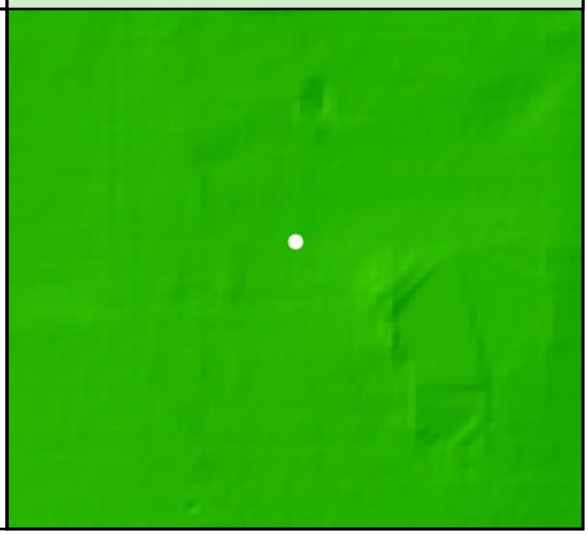
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.05 m

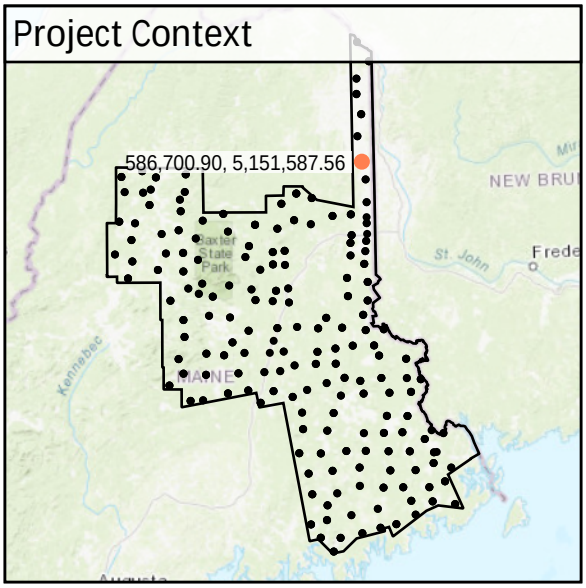
NVA - UA26

All Points TIN Dz +0.06 m

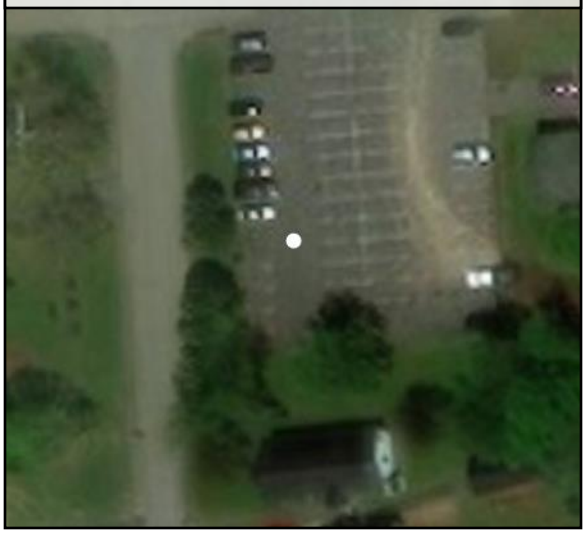
UA27

Known Z	147.89 m	Point Density	2.37 ppsm
DEM Dz	0.02 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.02 m	Slope	1.79 °

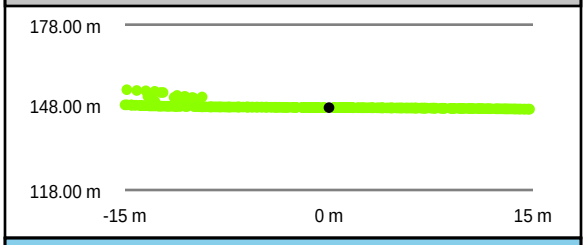
Project Context



World Imagery

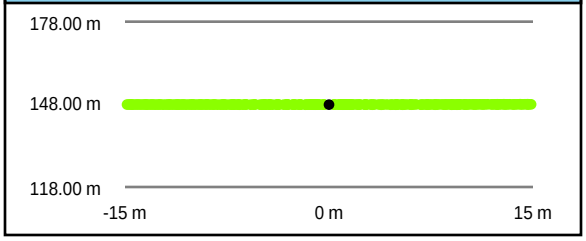


Southwest to Northeast

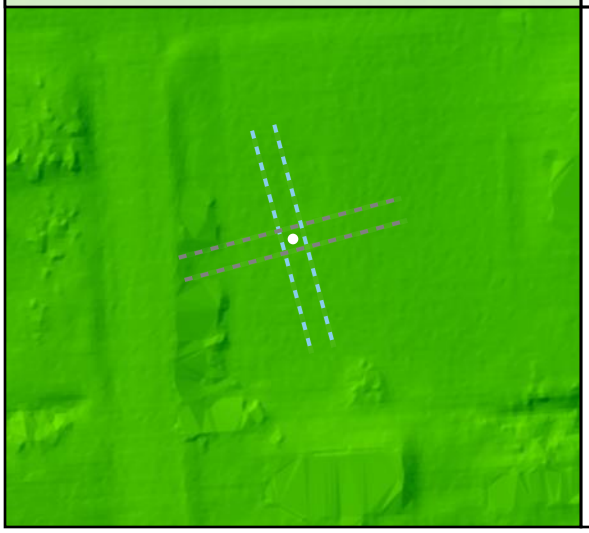


Intensity Raster

Southeast to Northwest

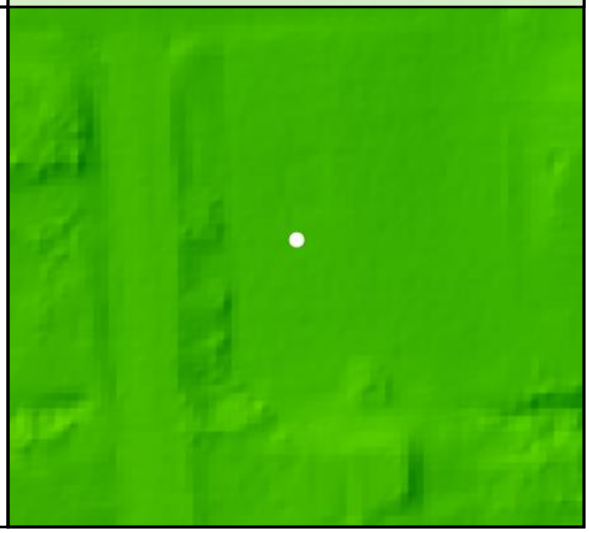


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz +0.02 m

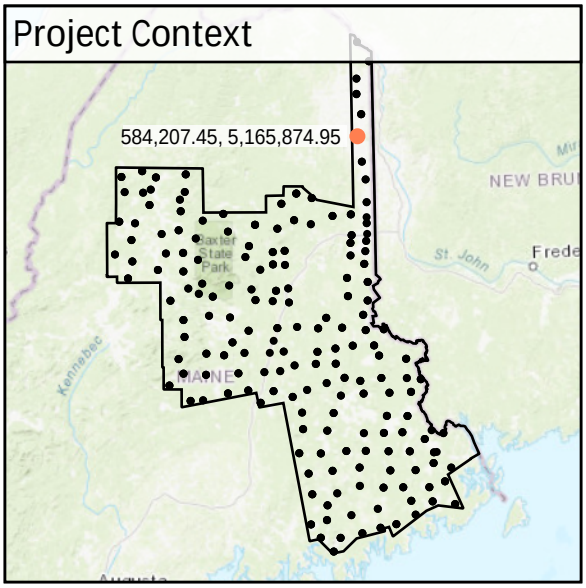
NVA - UA27

DEM Dz +0.02 m

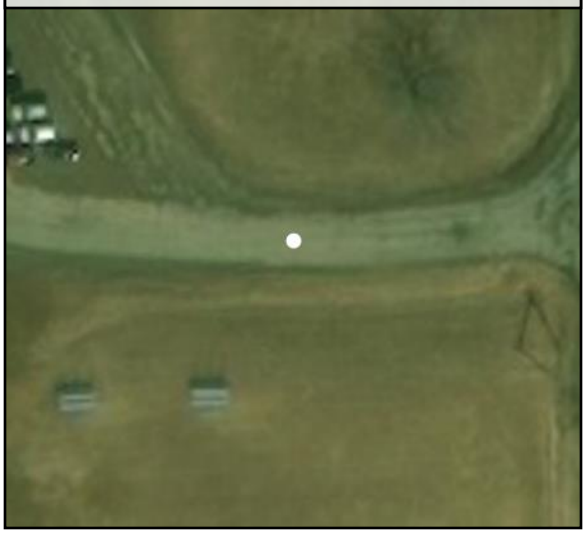
UA28

Known Z	200.30 m	Point Density	2.94 ppsm
DEM Dz	0.02 m	Ground Density	2.94 ppsm
All Points TIN Dz	0.02 m	Slope	1.86 °

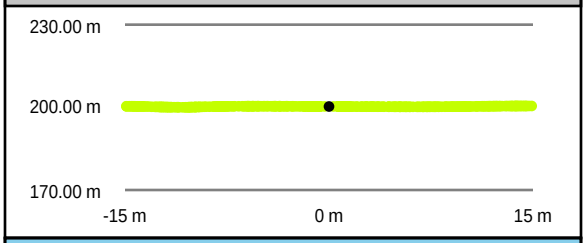
Project Context



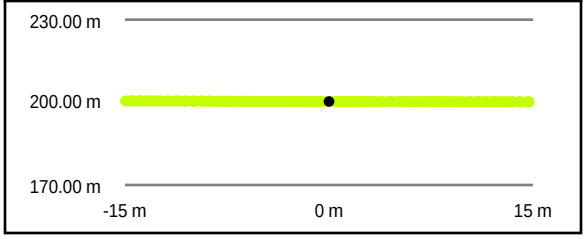
World Imagery



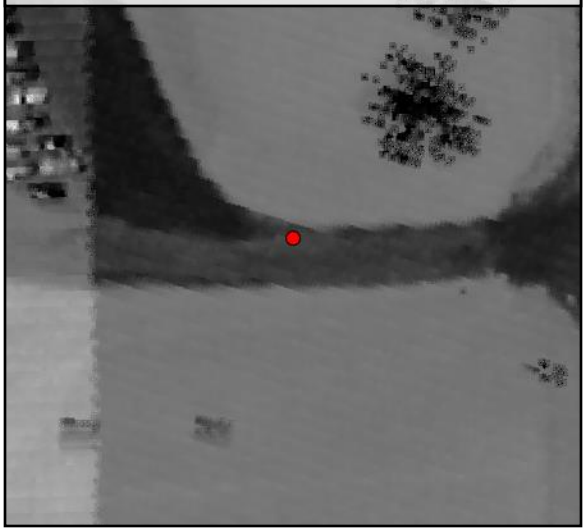
South to North



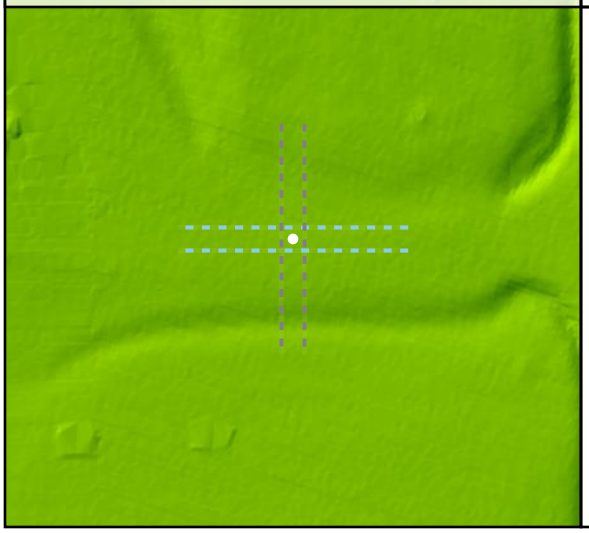
West to East



Intensity Raster

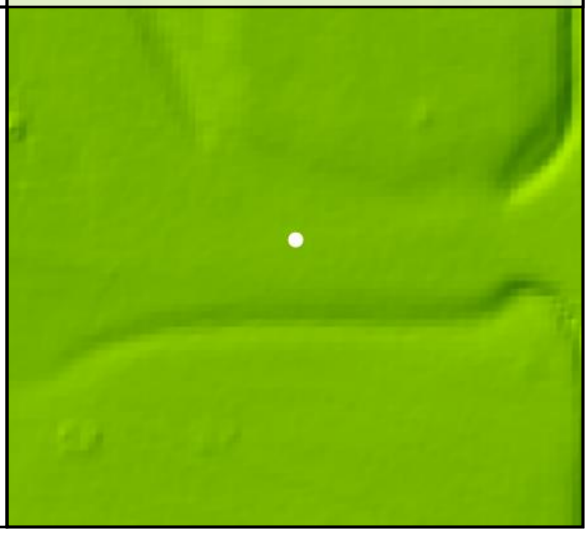


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

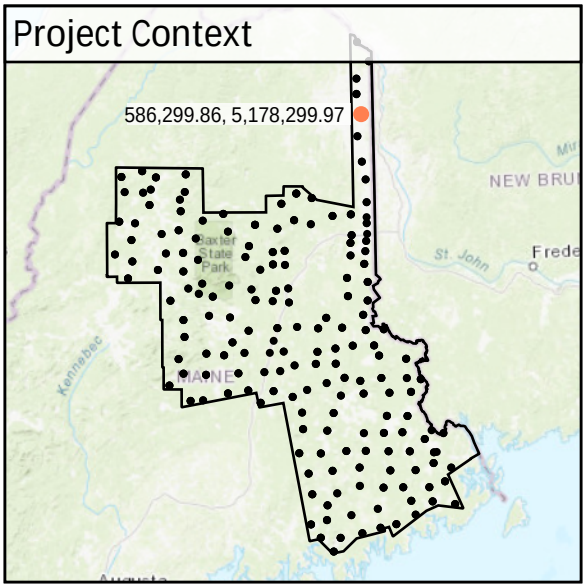
NVA - UA28

All Points TIN Dz +0.02 m

UA29

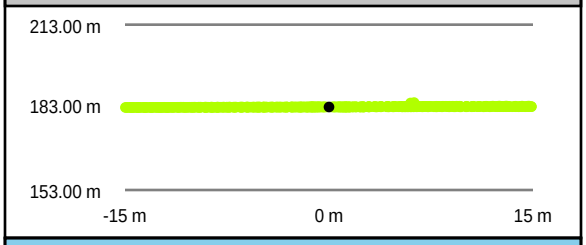
Known Z	183.12 m	Point Density	3.71 ppsm
DEM Dz	0.02 m	Ground Density	3.71 ppsm
All Points TIN Dz	0.02 m	Slope	1.10 °

Project Context

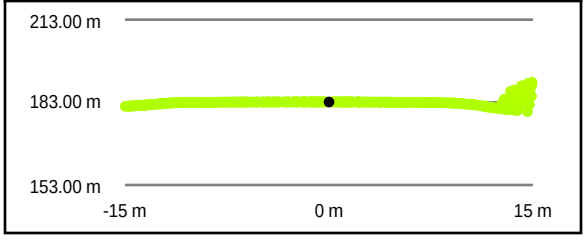


World Imagery

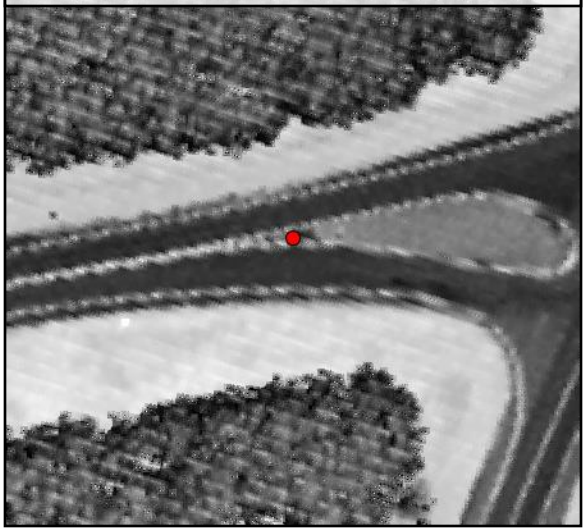
Southwest to Northeast



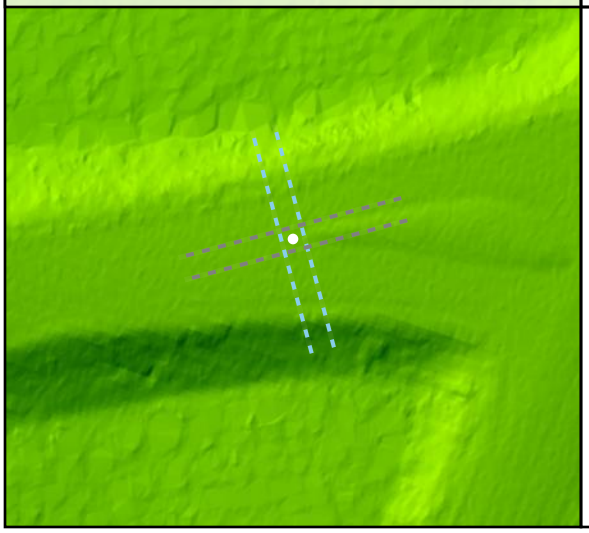
Southeast to Northwest



Intensity Raster

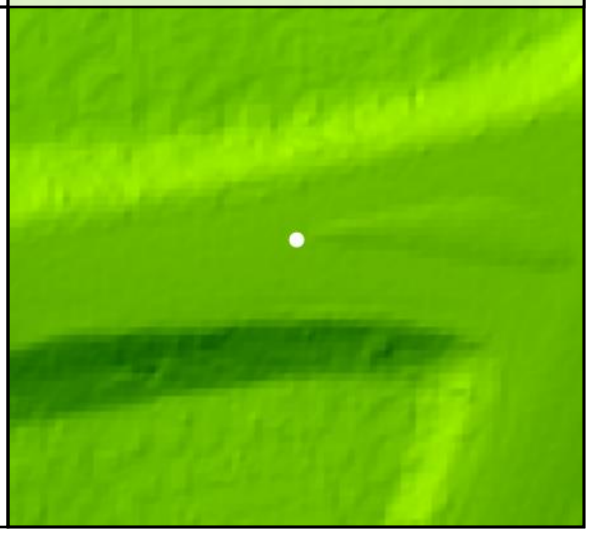


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

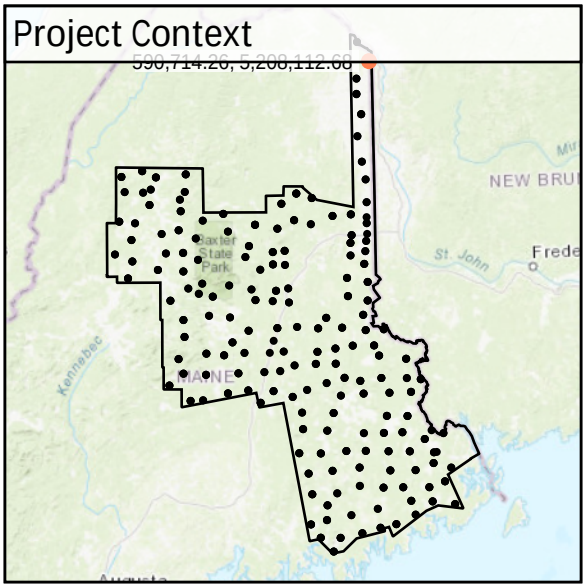
NVA - UA29

All Points TIN Dz +0.02 m

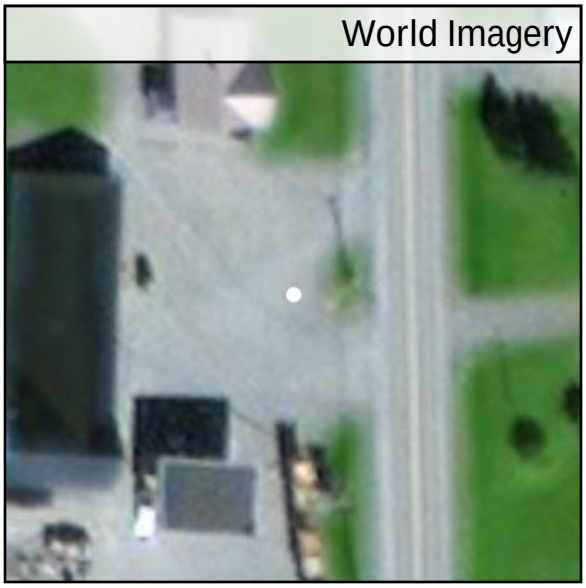
UA31

Known Z	233.85 m	Point Density	2.86 ppsm
DEM Dz	0.00 m	Ground Density	2.83 ppsm
All Points TIN Dz	0.00 m	Slope	1.24 °

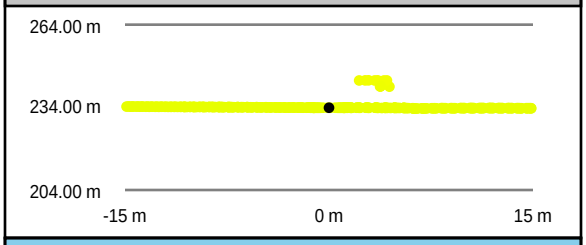
Project Context



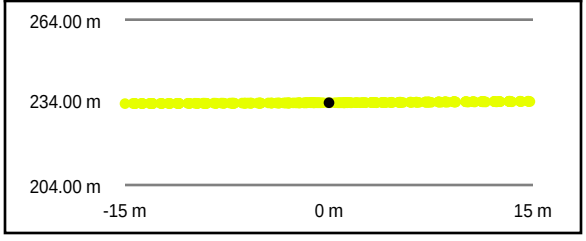
World Imagery



West to East

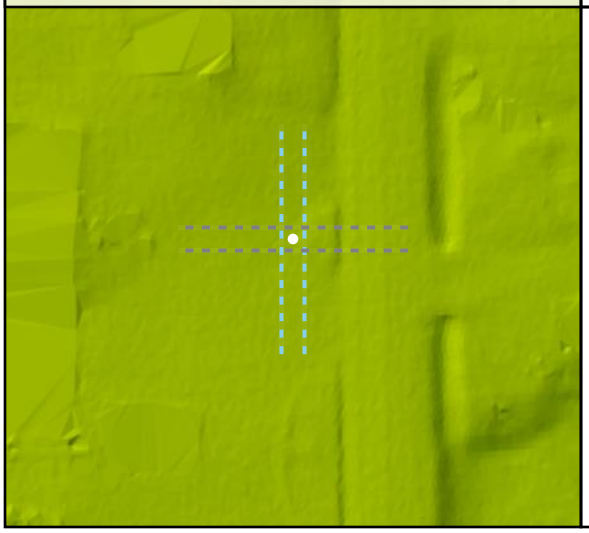


South to North



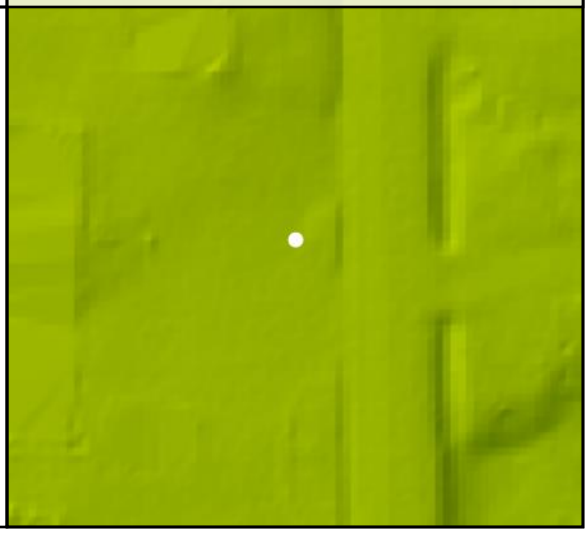
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

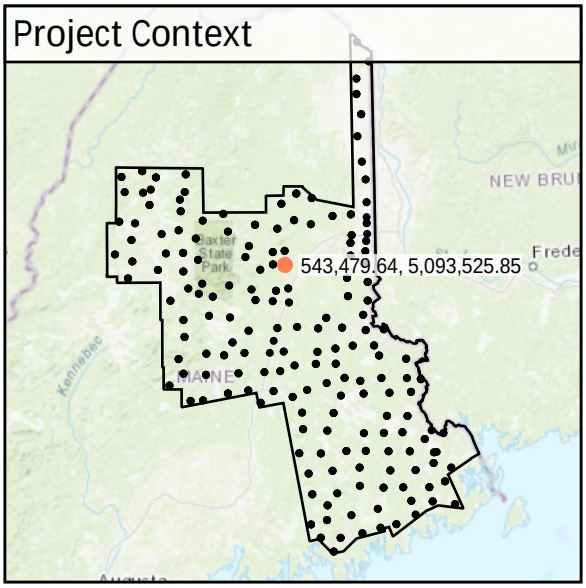
NVA - UA31

All Points TIN Dz 0.00 m

UA32

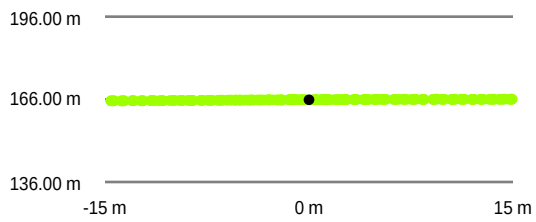
Known Z	165.83 m	Point Density	2.30 ppsm
DEM Dz	0.05 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.06 m	Slope	1.79 °

Project Context

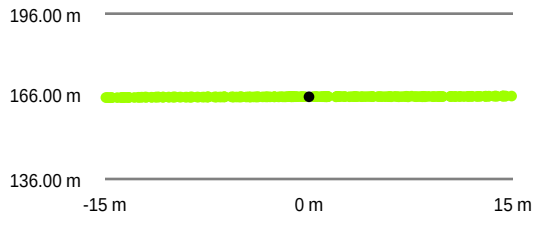


World Imagery

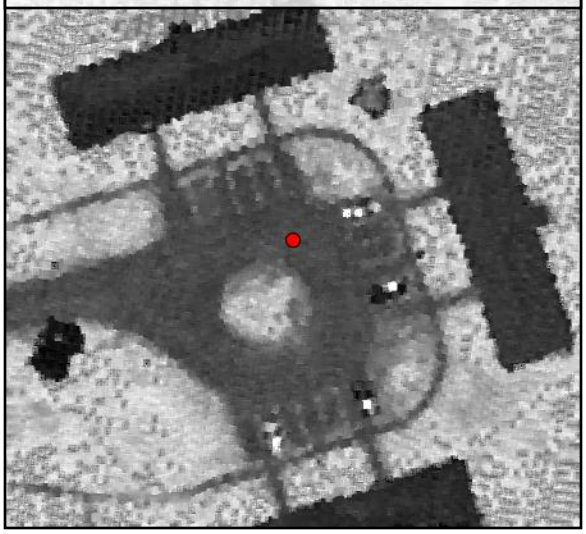
Southeast to Northwest



Southwest to Northeast



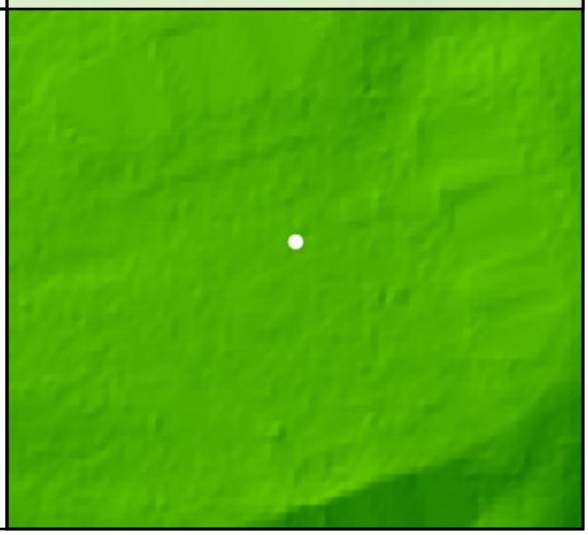
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz +0.05 m

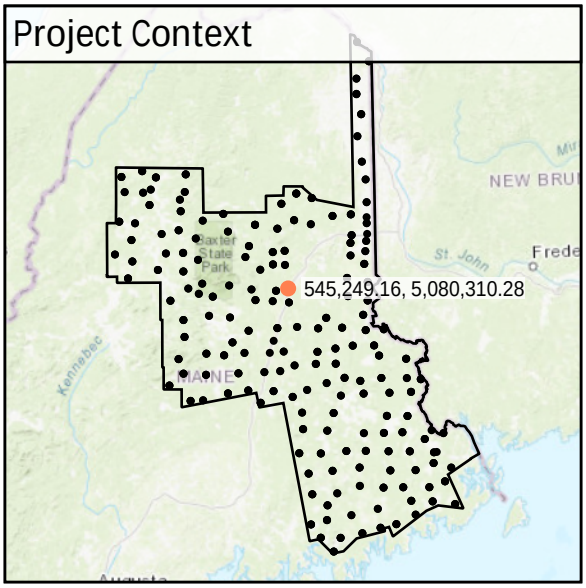
NVA - UA32

All Points TIN Dz +0.06 m

UA33

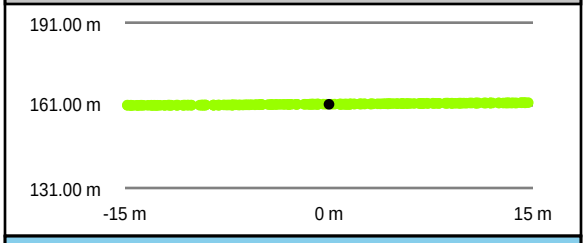
Known Z	161.38 m	Point Density	2.33 ppsm
DEM Dz	0.04 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.03 m	Slope	1.76 °

Project Context

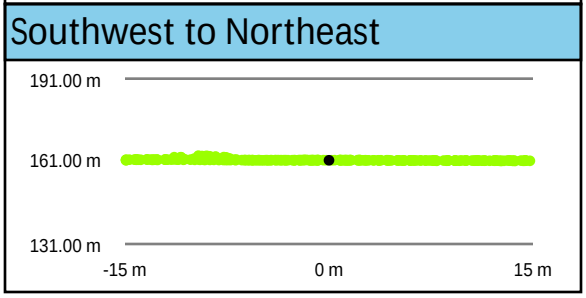


World Imagery

Southeast to Northwest

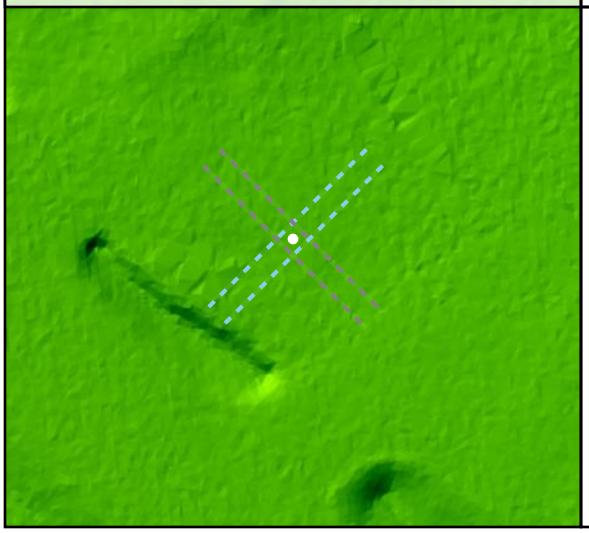


Southwest to Northeast



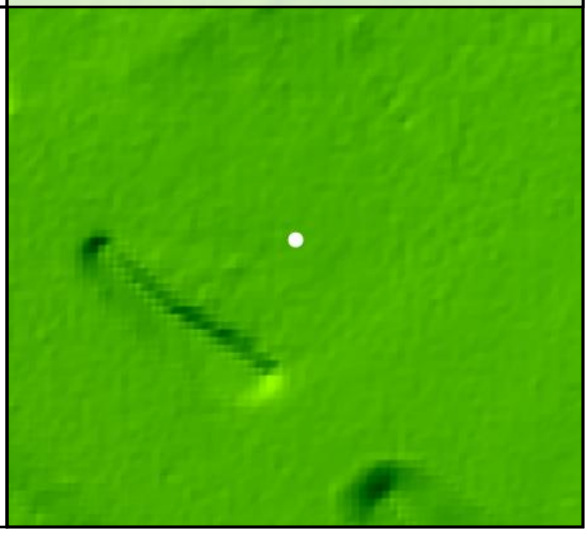
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

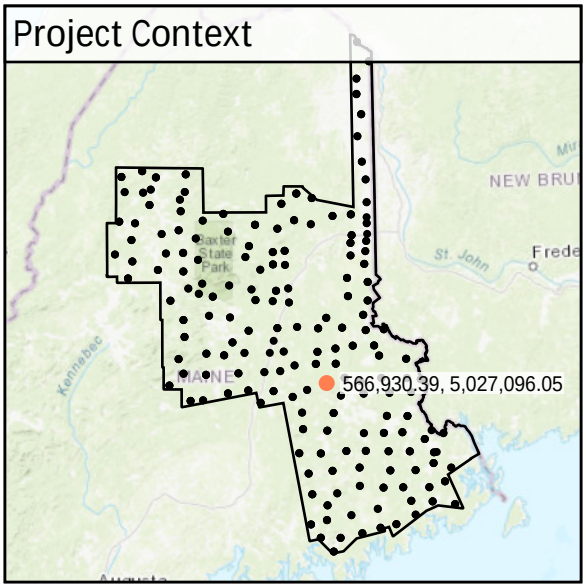
NVA - UA33

All Points TIN Dz +0.03 m

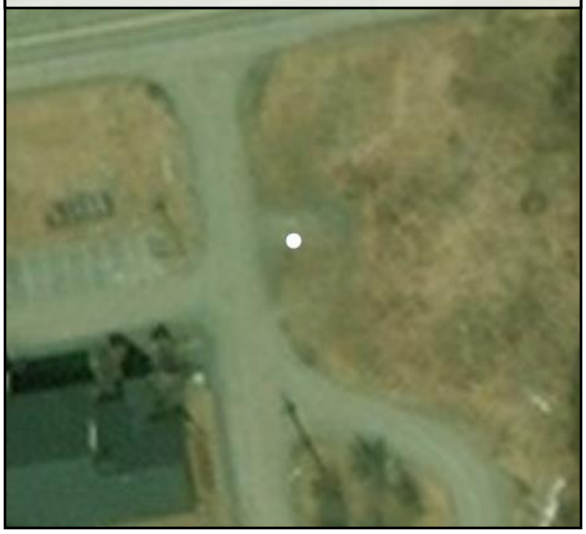
UA36

Known Z	164.90 m	Point Density	2.33 ppsm
DEM Dz	0.05 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.05 m	Slope	2.33 °

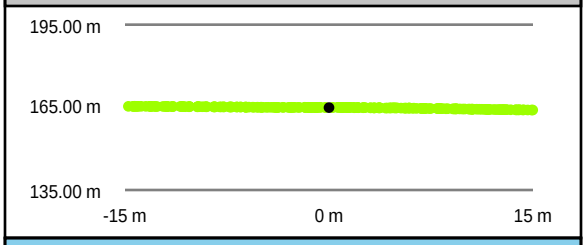
Project Context



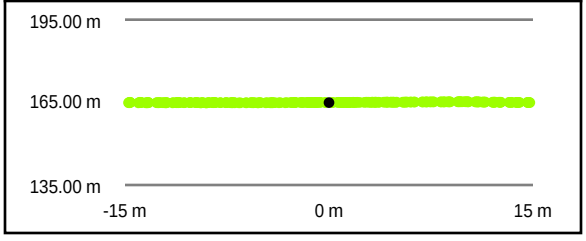
World Imagery



South to North

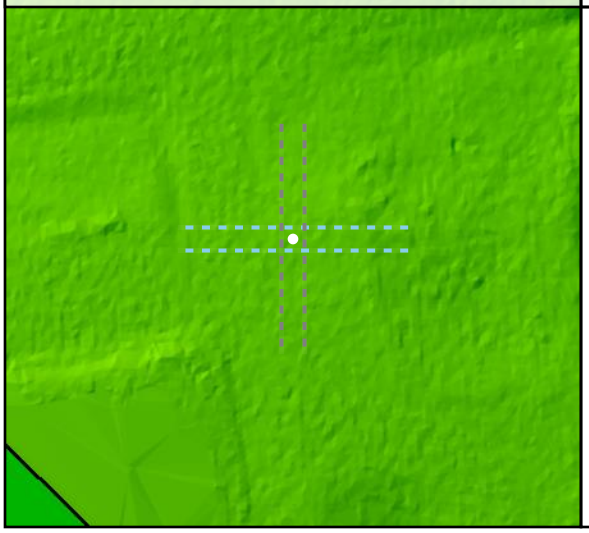


West to East



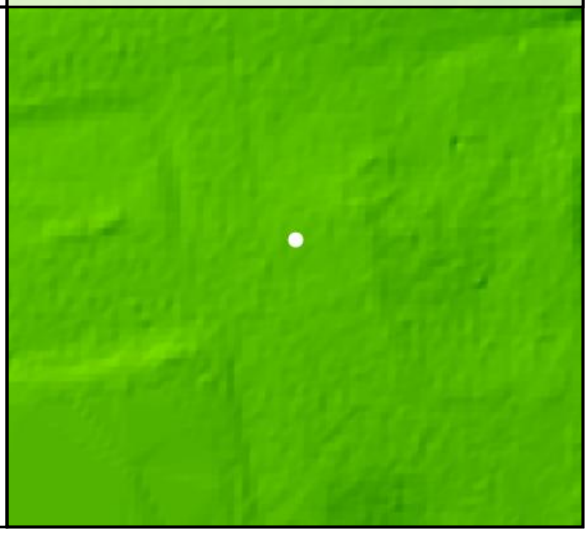
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

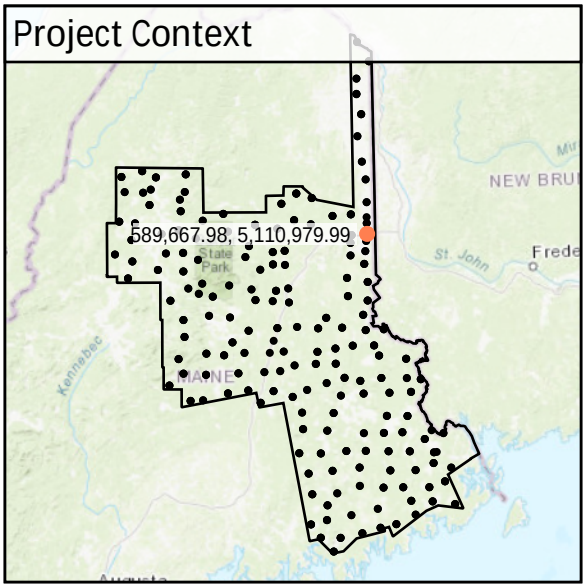
NVA - UA36

All Points TIN Dz +0.05 m

UA37

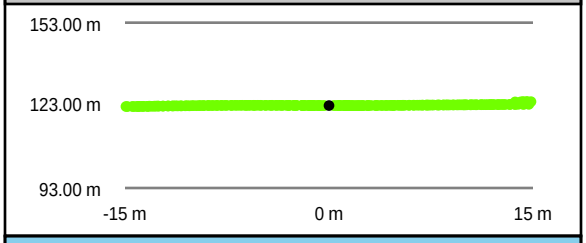
Known Z	122.92 m	Point Density	2.37 ppsm
DEM Dz	0.00 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.01 m	Slope	1.18 °

Project Context

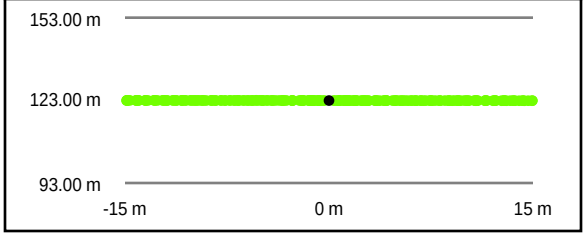


World Imagery

Southeast to Northwest

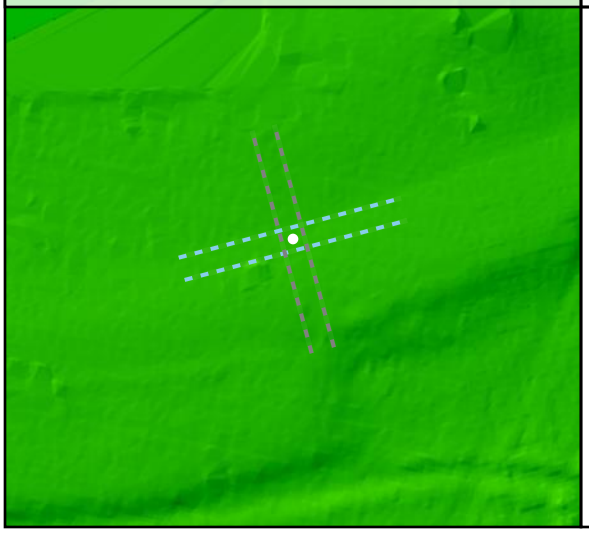


Southwest to Northeast



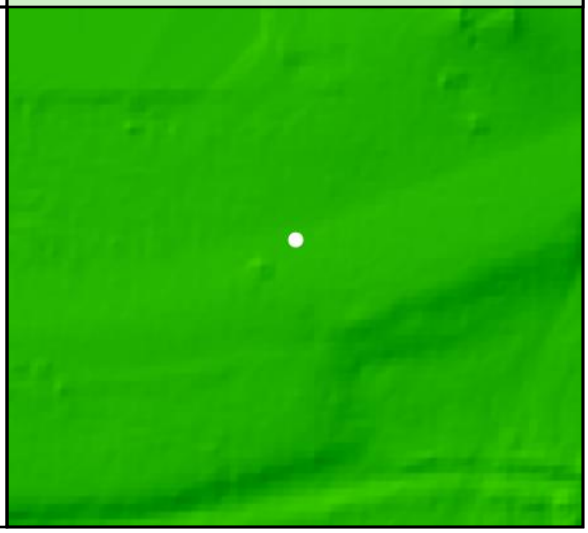
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

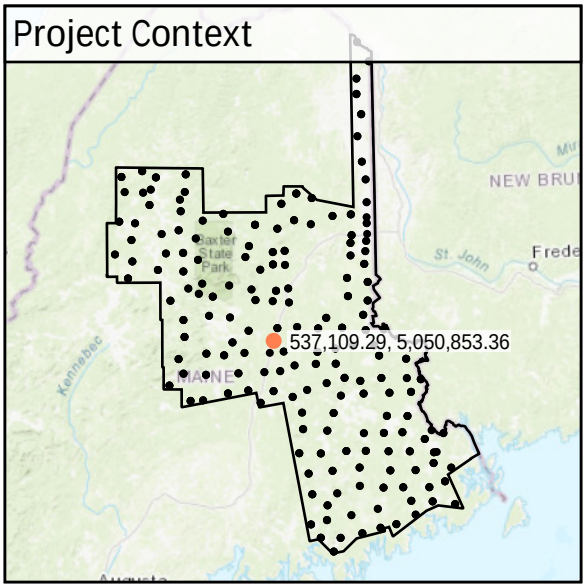
NVA - UA37

All Points TIN Dz +0.01 m

UA38

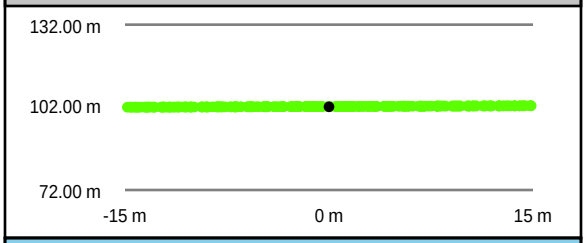
Known Z	102.19 m	Point Density	2.69 ppsm
DEM Dz	0.09 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.09 m	Slope	1.52 °

Project Context

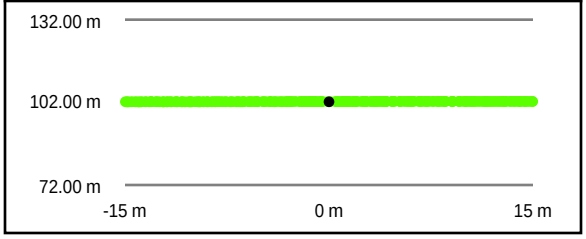


World Imagery

Southeast to Northwest

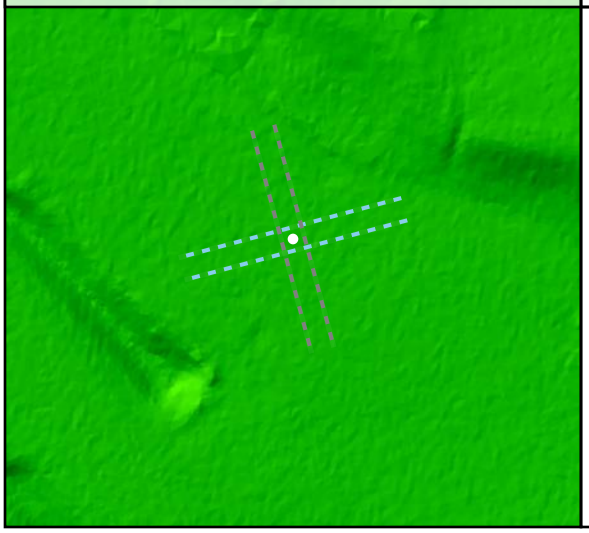


Southwest to Northeast



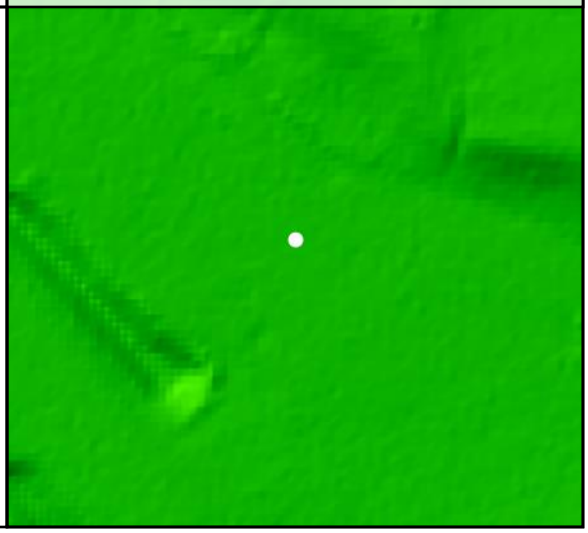
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.09 m

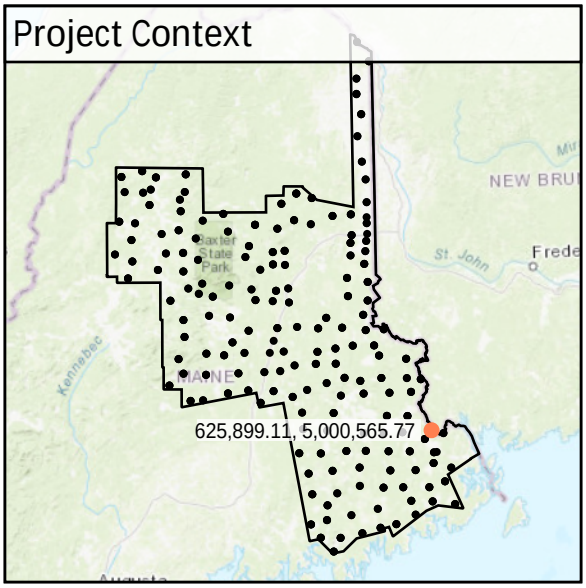
NVA - UA38

All Points TIN Dz +0.09 m

UA39

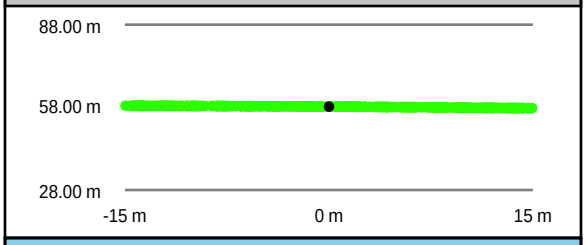
Known Z	58.27 m	Point Density	2.86 ppsm
DEM Dz	0.00 m	Ground Density	2.86 ppsm
All Points TIN Dz	0.00 m	Slope	1.77 °

Project Context

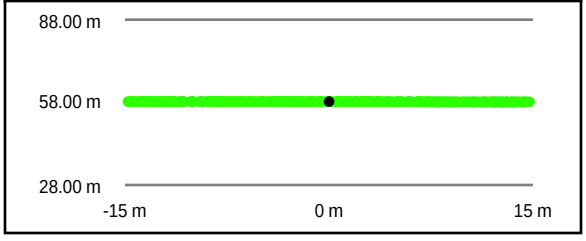


World Imagery

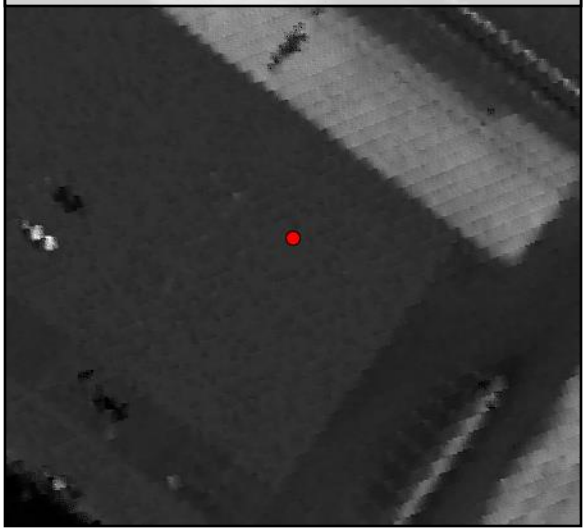
South to North



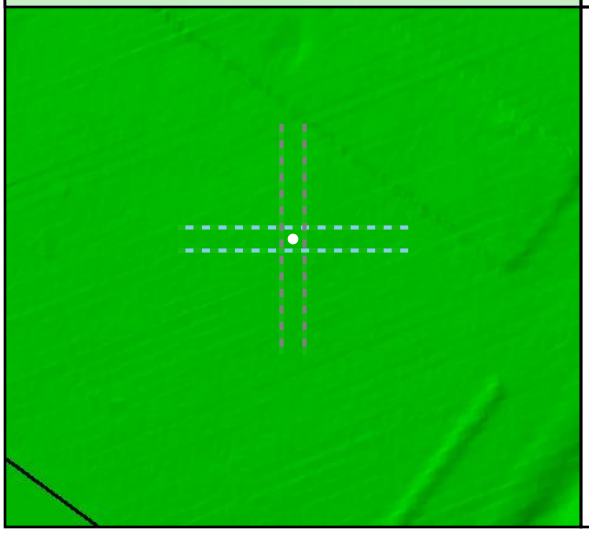
West to East



Intensity Raster

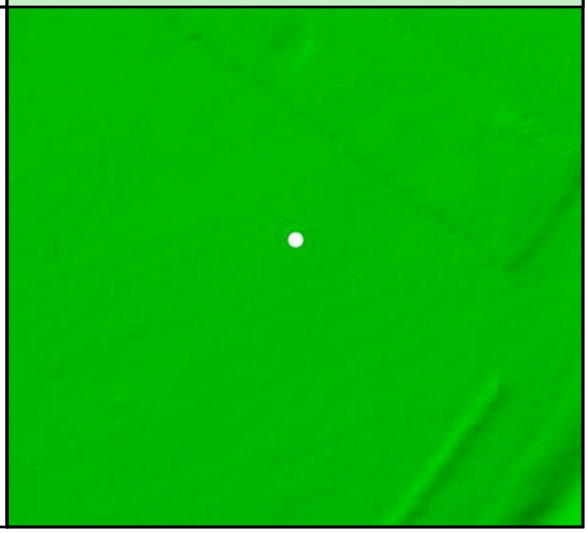


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

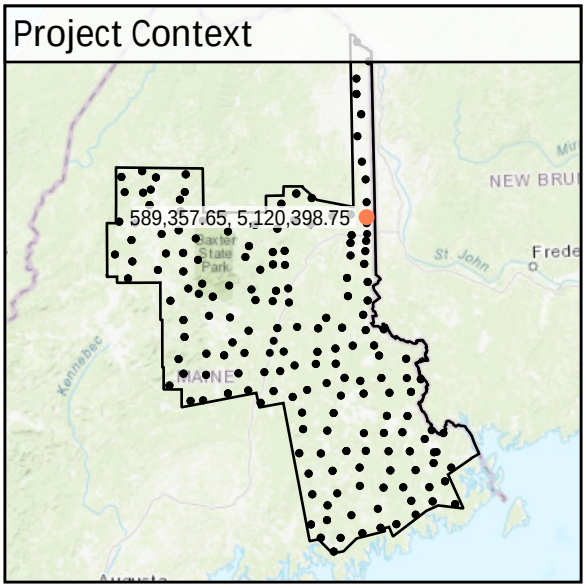
NVA - UA39

All Points TIN Dz 0.00 m

UA40

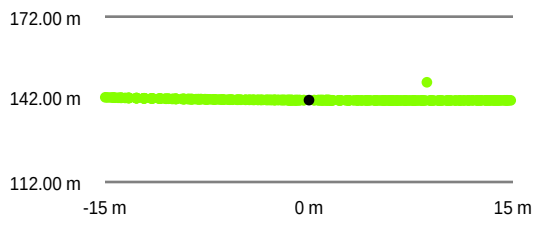
Known Z	141.71 m	Point Density	3.04 ppsm
DEM Dz	-0.01 m	Ground Density	3.04 ppsm
All Points TIN Dz	0.00 m	Slope	1.75 °

Project Context

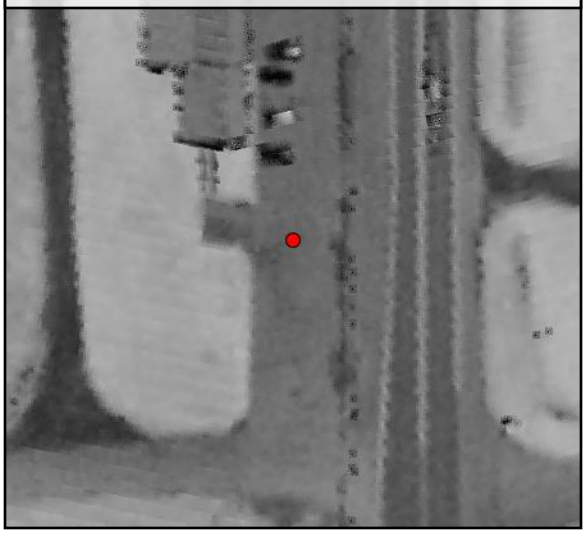


World Imagery

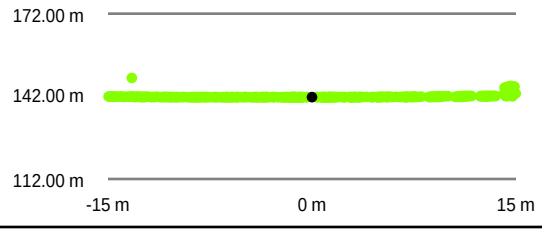
Southwest to Northeast



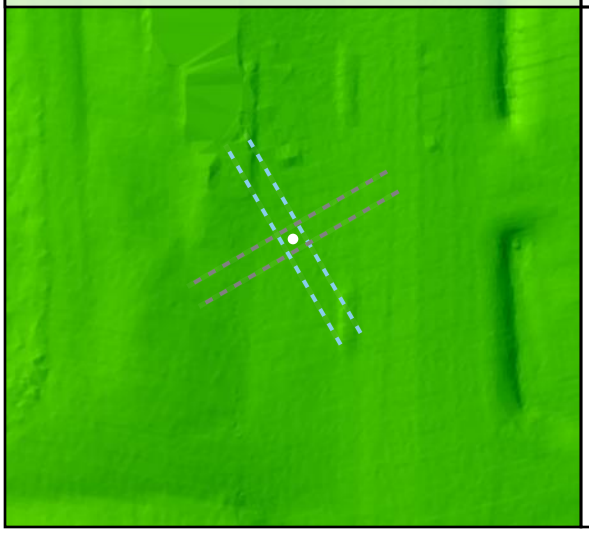
Intensity Raster



Southeast to Northwest

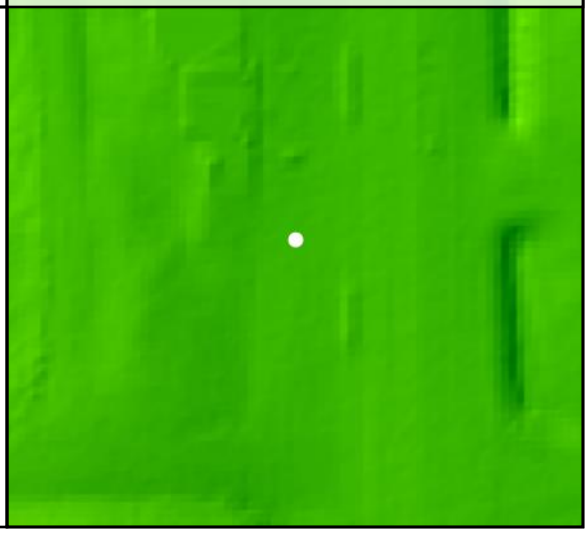


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

NVA - UA40

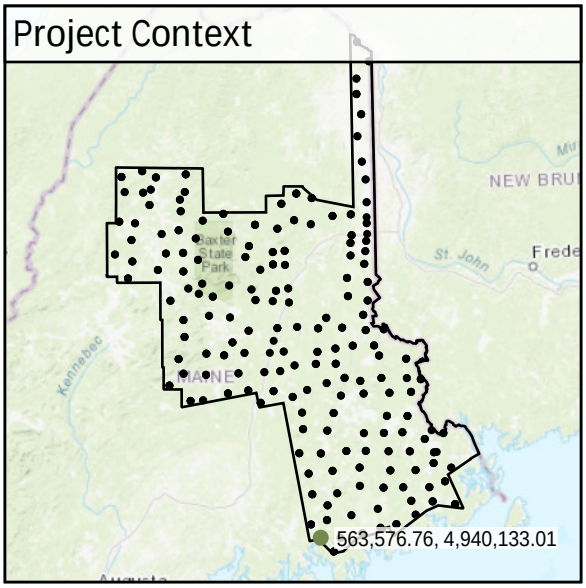
All Points TIN Dz 0.00 m

FO01				
	Known Z	46.32 m	Point Density	7.14 ppsm
	DEM Dz	0.09 m	Ground Density	2.44 ppsm
	All Points TIN Dz	N/A	Slope	3.70 °

DEM Dz +0.09 m

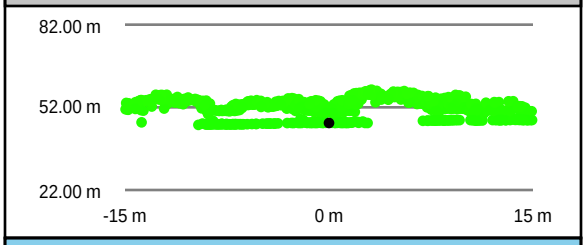
VVA - FO01

Project Context

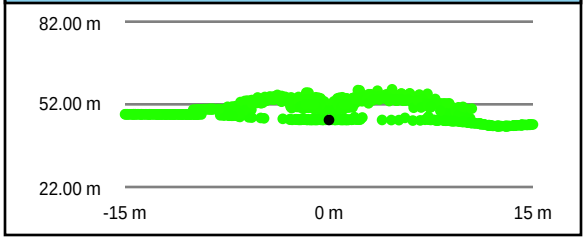


World Imagery

Southwest to Northeast

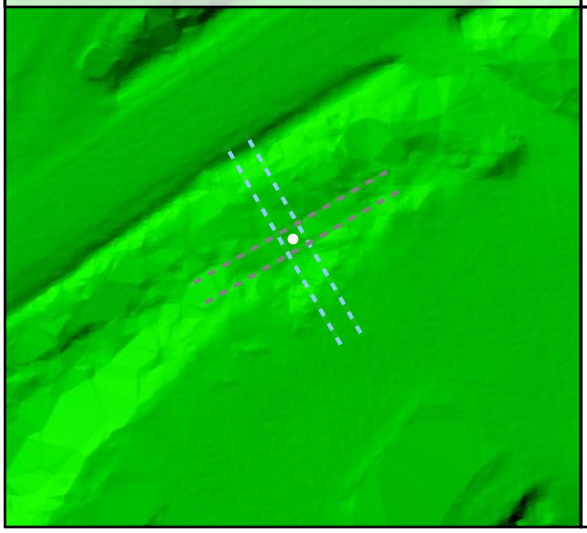


Southeast to Northwest



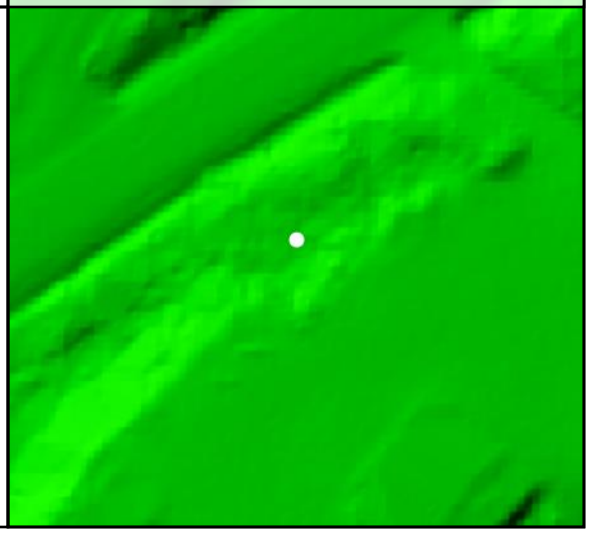
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

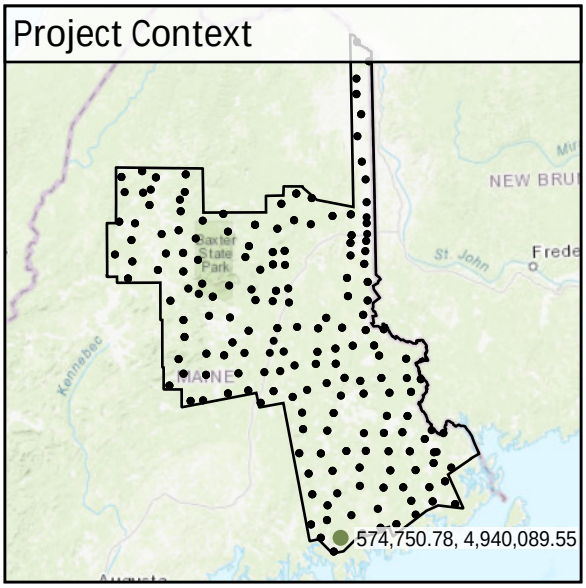


FO02				
	Known Z	61.39 m	Point Density	3.82 ppsm
	DEM Dz	0.12 m	Ground Density	1.80 ppsm
	All Points TIN Dz	N/A	Slope	4.42 °

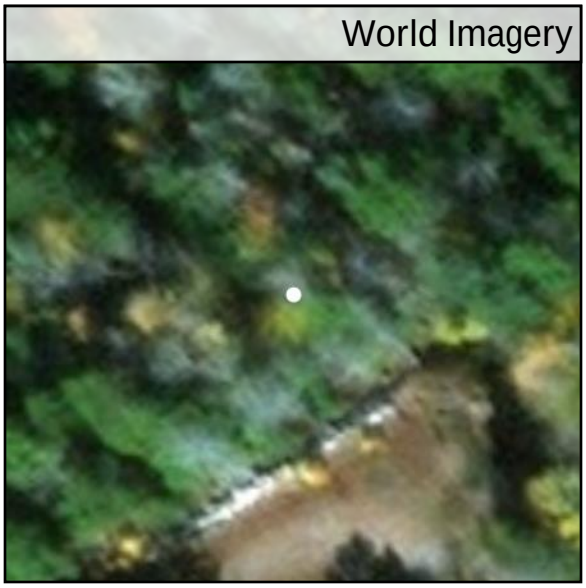
DEM Dz +0.12 m

VVA - FO02

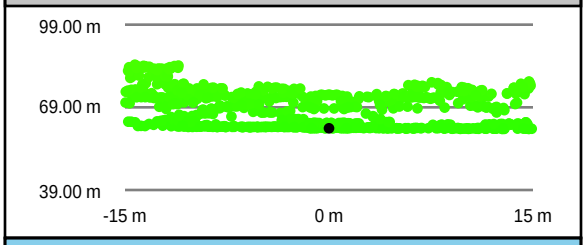
Project Context



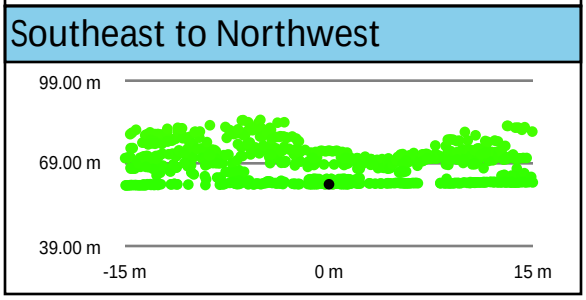
World Imagery



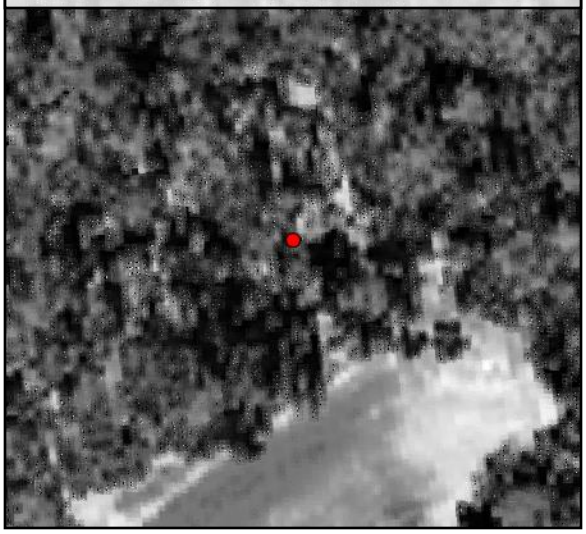
Southwest to Northeast



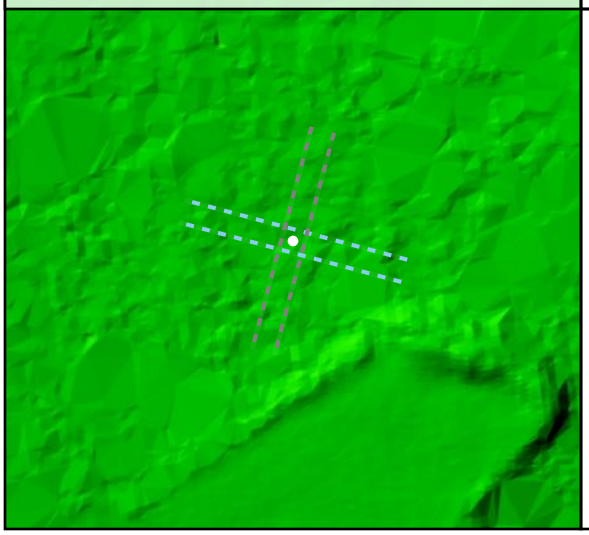
Southeast to Northwest



Intensity Raster

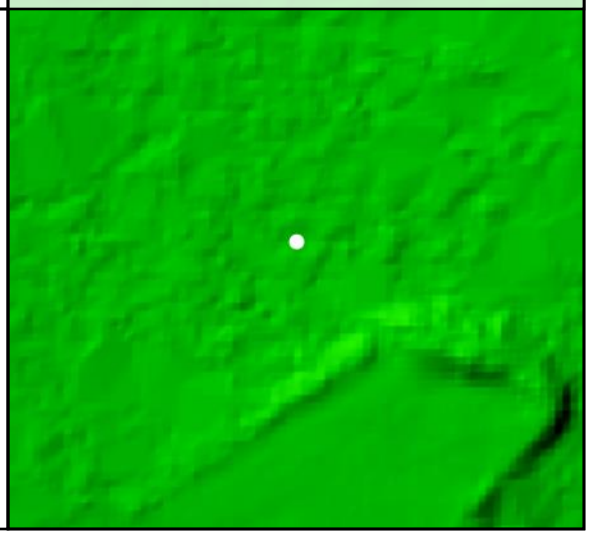


TIN Surface



Project Elevation

DEM Surface



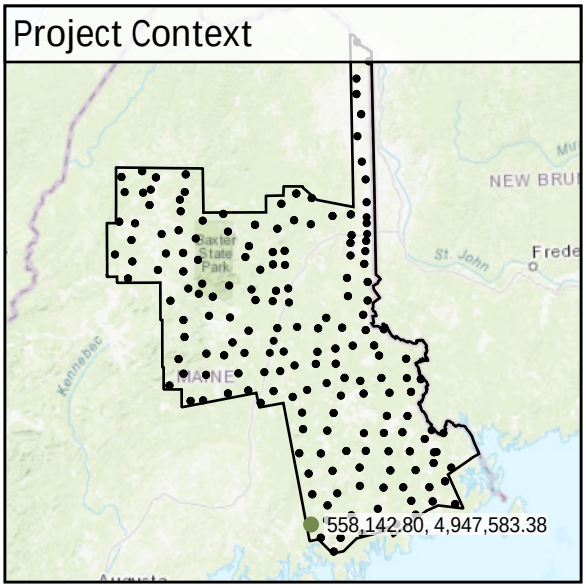
FO03

Known Z	48.82 m	Point Density	2.72 ppsm
DEM Dz	0.09 m	Ground Density	1.87 ppsm
All Points TIN Dz	N/A	Slope	1.87 °

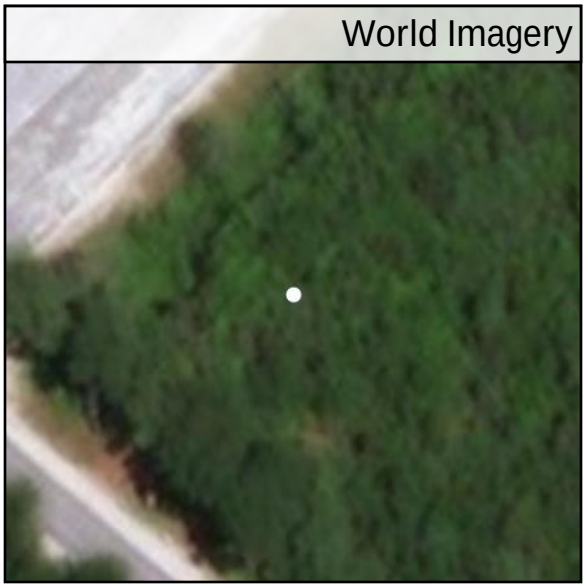
DEM Dz +0.09 m

VVA - FO03

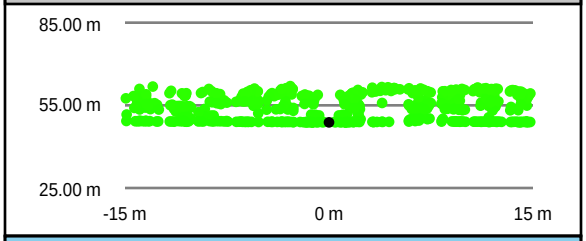
Project Context



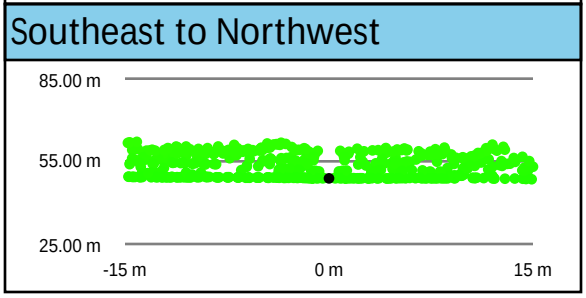
World Imagery



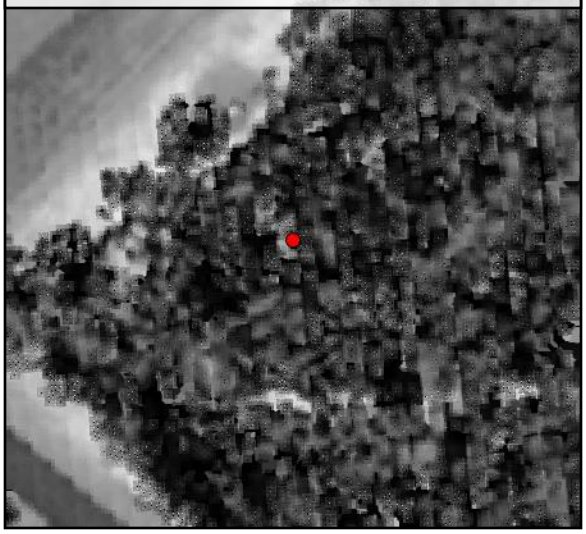
Southwest to Northeast



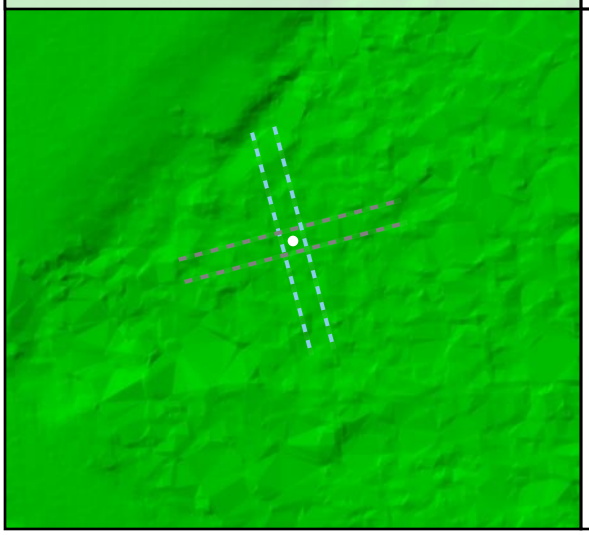
Southeast to Northwest



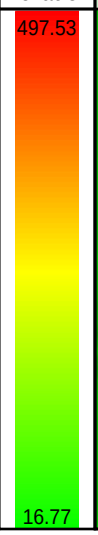
Intensity Raster



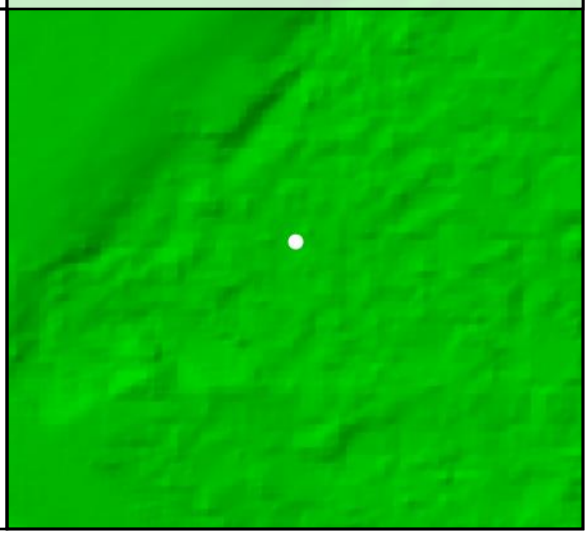
TIN Surface



Project Elevation

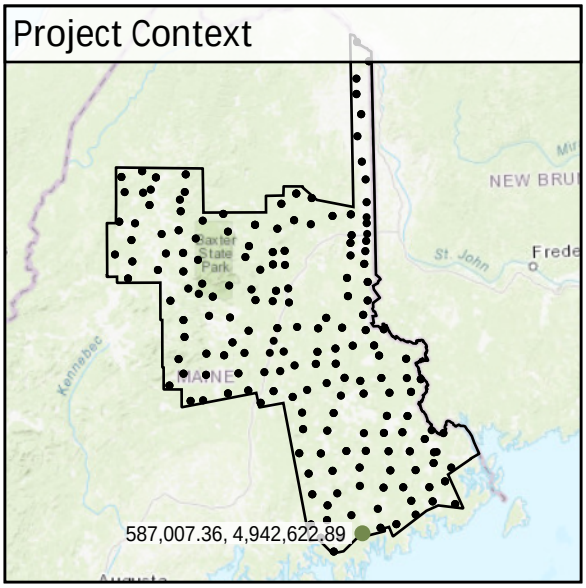


DEM Surface



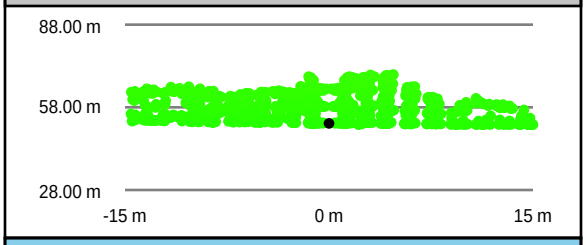
FO04				
	Known Z	52.17 m	Point Density	7.22 ppsm
	DEM Dz	0.14 m	Ground Density	1.66 ppsm
	All Points TIN Dz	N/A	Slope	6.45 °

Project Context

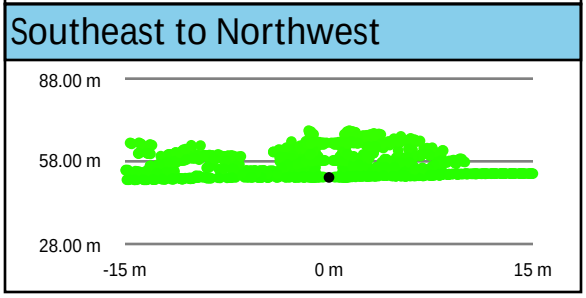


World Imagery

Southwest to Northeast

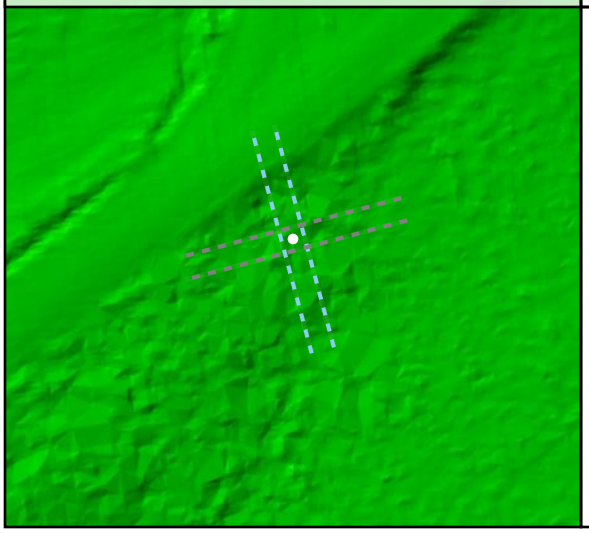


Southeast to Northwest



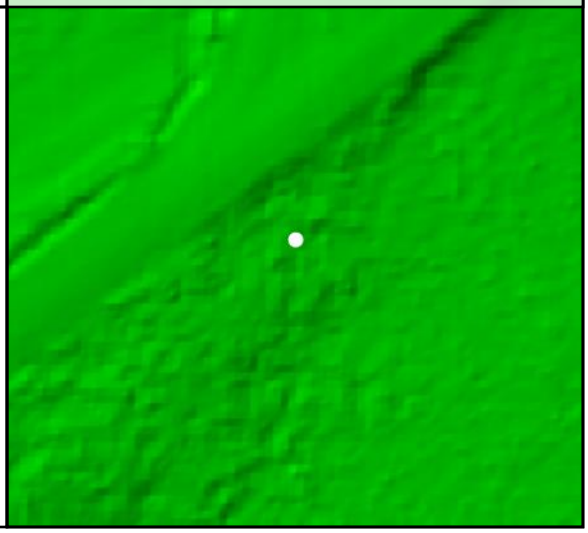
Intensity Raster

TIN Surface



Project Elevation

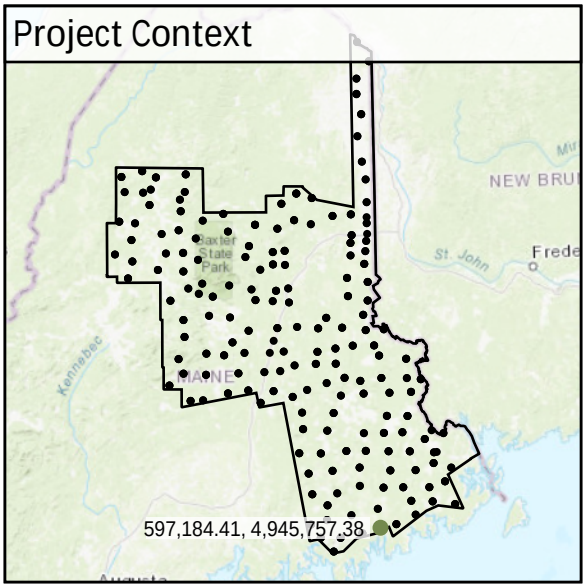
DEM Surface



FO05

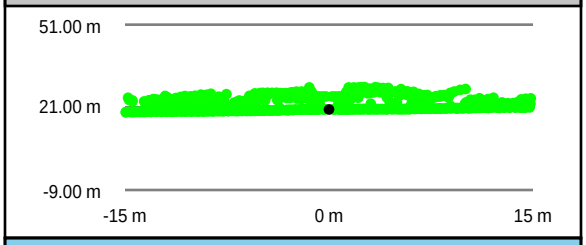
Known Z	20.22 m	Point Density	5.16 ppsm
DEM Dz	0.06 m	Ground Density	2.86 ppsm
All Points TIN Dz	N/A	Slope	0.69 °

Project Context

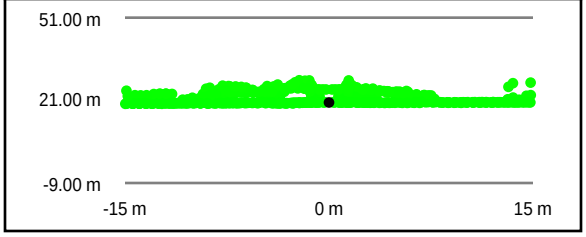


World Imagery

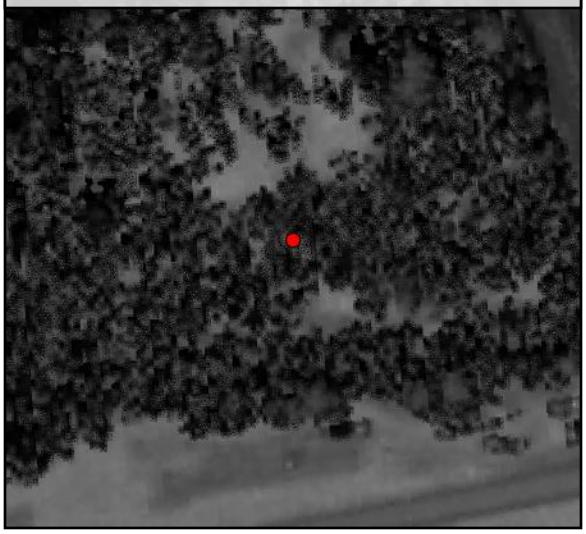
Southwest to Northeast



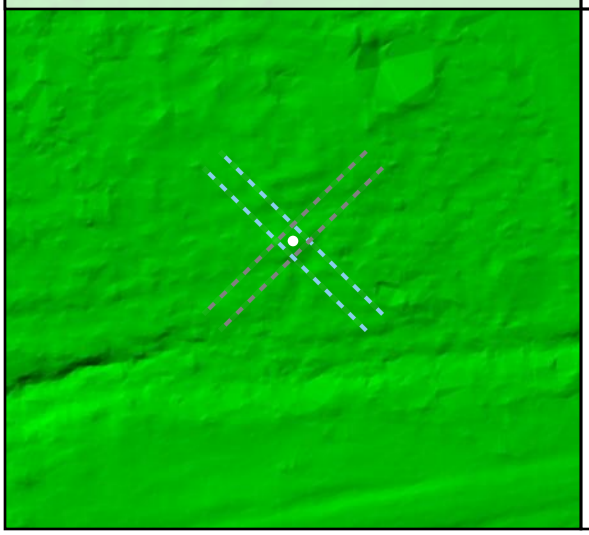
Southeast to Northwest



Intensity Raster

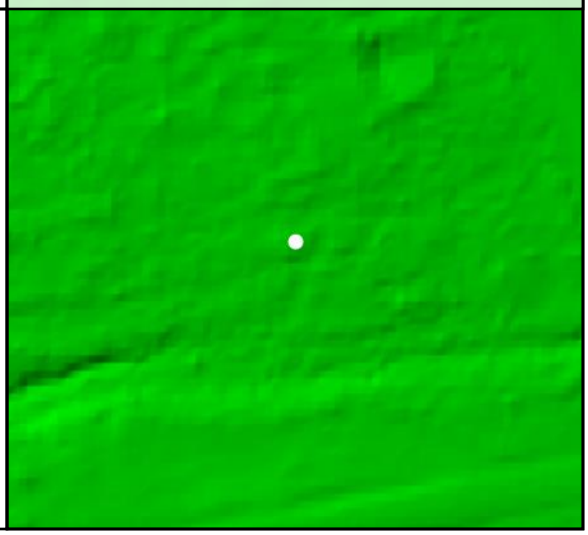


TIN Surface



Project Elevation

DEM Surface

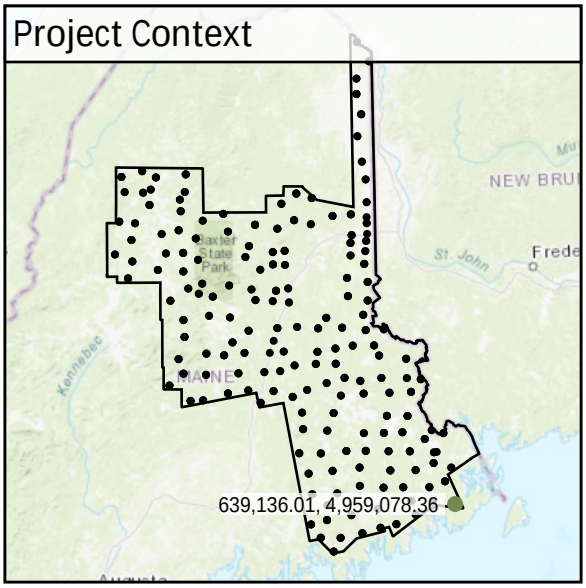


DEM Dz +0.06 m

VVA - FO05

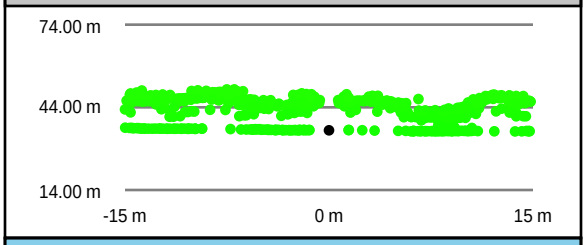
FO06				
	Known Z	35.66 m	Point Density	3.57 ppsm
	DEM Dz	0.07 m	Ground Density	0.99 ppsm
	All Points TIN Dz	N/A	Slope	1.50 °

Project Context

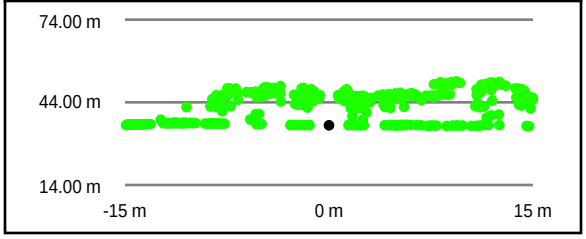


World Imagery

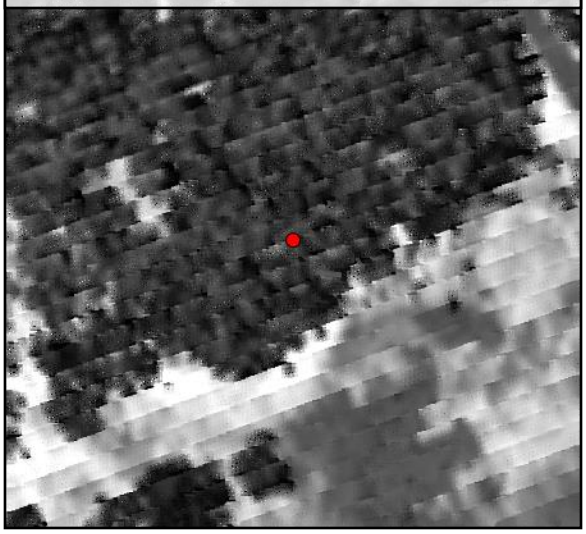
Southwest to Northeast



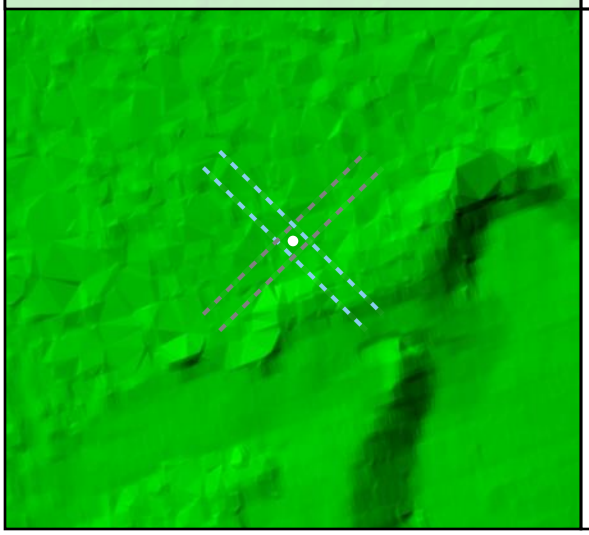
Southeast to Northwest



Intensity Raster

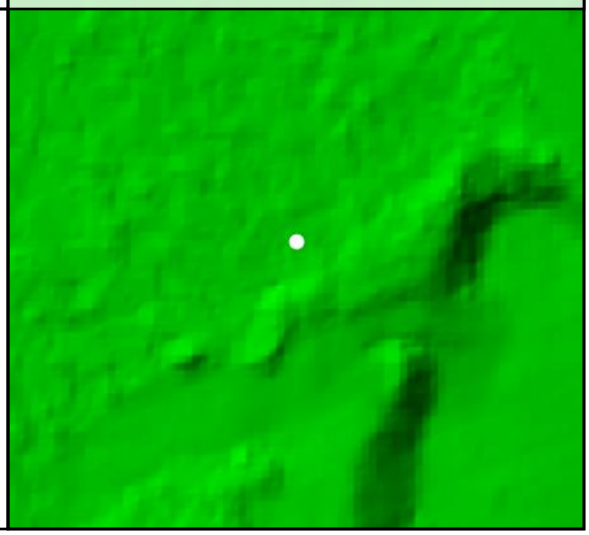


TIN Surface



Project Elevation

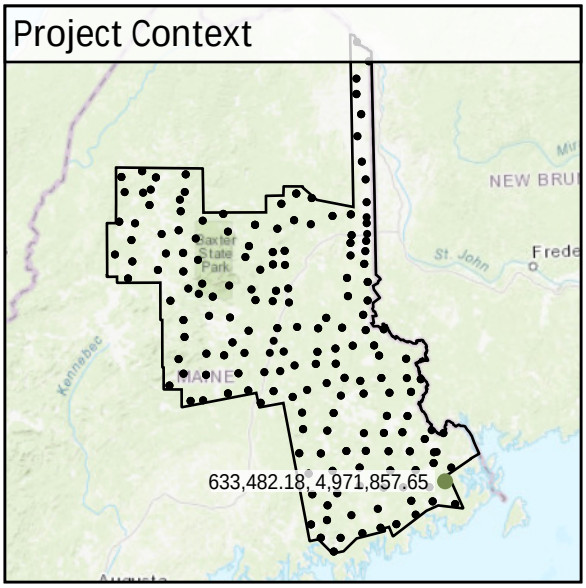
DEM Surface



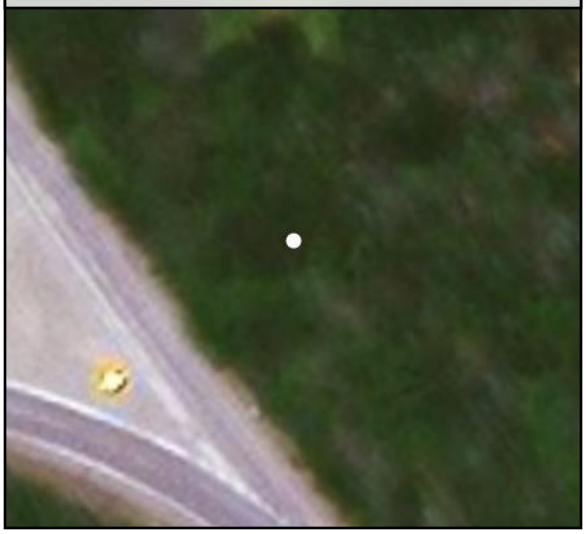
FO07

Known Z	46.68 m	Point Density	3.25 ppsm
DEM Dz	0.13 m	Ground Density	1.73 ppsm
All Points TIN Dz	N/A	Slope	3.53 °

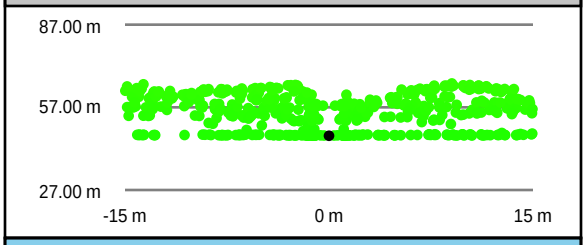
Project Context



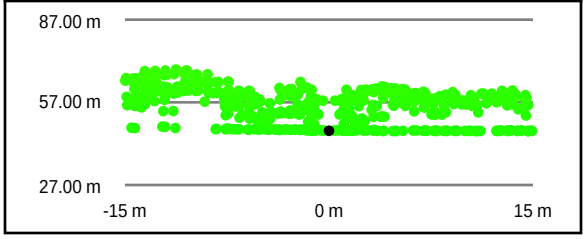
World Imagery



Southeast to Northwest

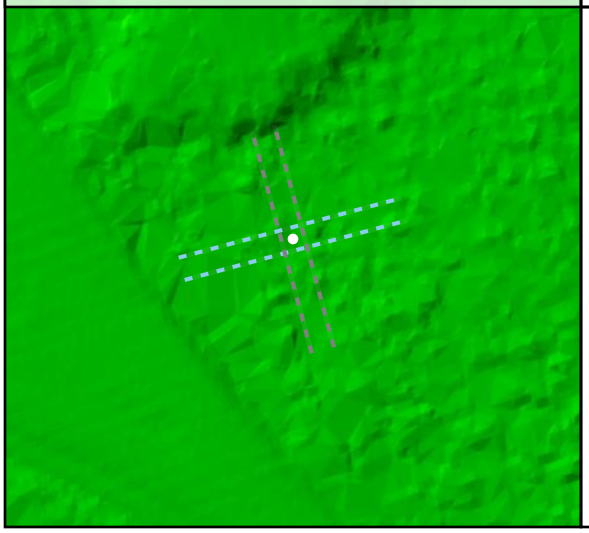


Southwest to Northeast



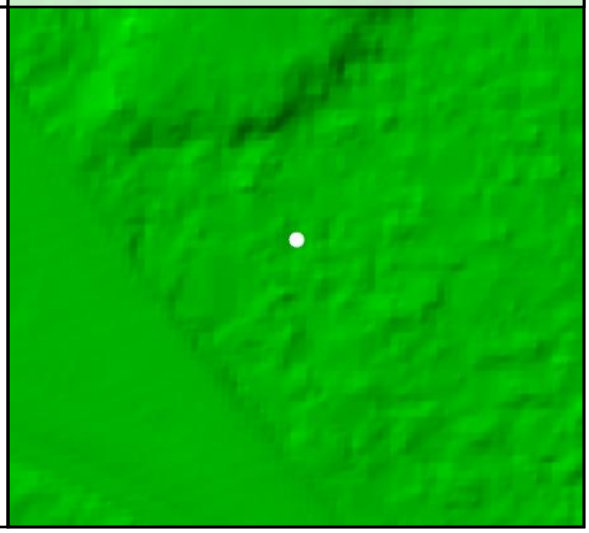
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.13 m

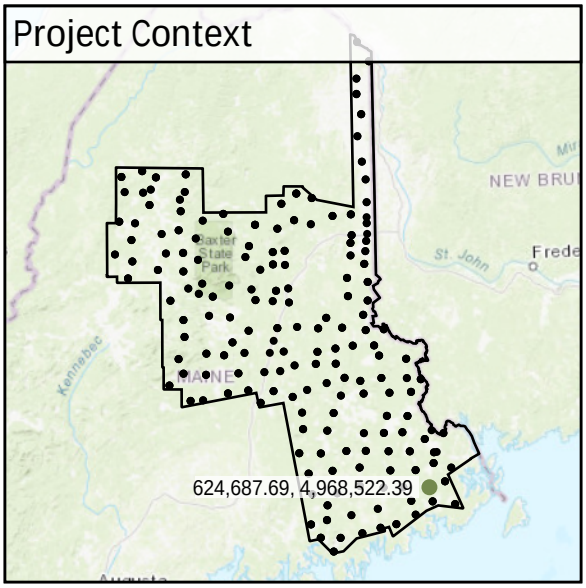
VVA - FO07

FO08				
	Known Z	33.79 m	Point Density	4.46 ppsm
	DEM Dz	0.17 m	Ground Density	2.58 ppsm
	All Points TIN Dz	N/A	Slope	4.94 °

DEM Dz +0.17 m

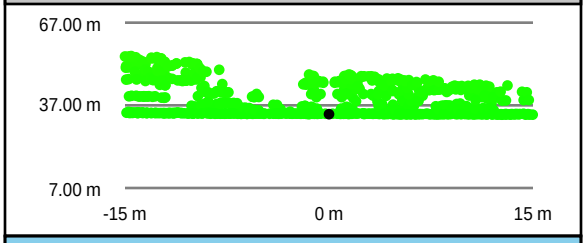
VVA - FO08

Project Context

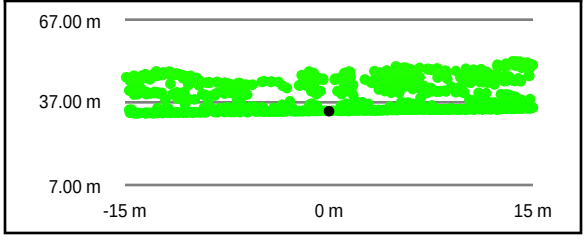


World Imagery

Southwest to Northeast

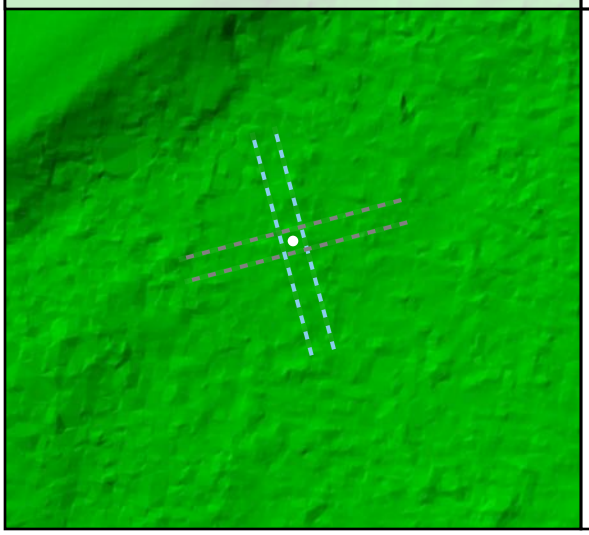


Southeast to Northwest



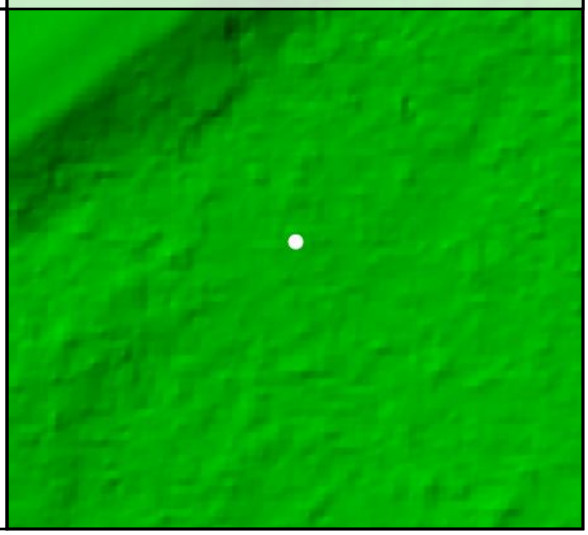
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

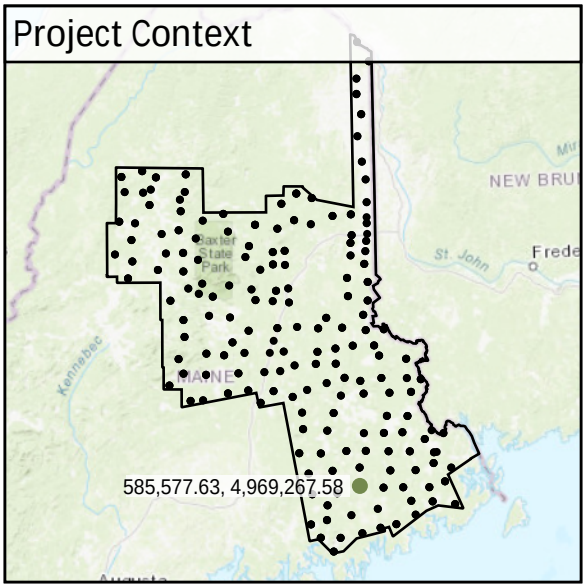


FO09				
	Known Z	135.70 m	Point Density	4.31 ppsm
	DEM Dz	0.14 m	Ground Density	2.23 ppsm
	All Points TIN Dz	N/A	Slope	1.69 °

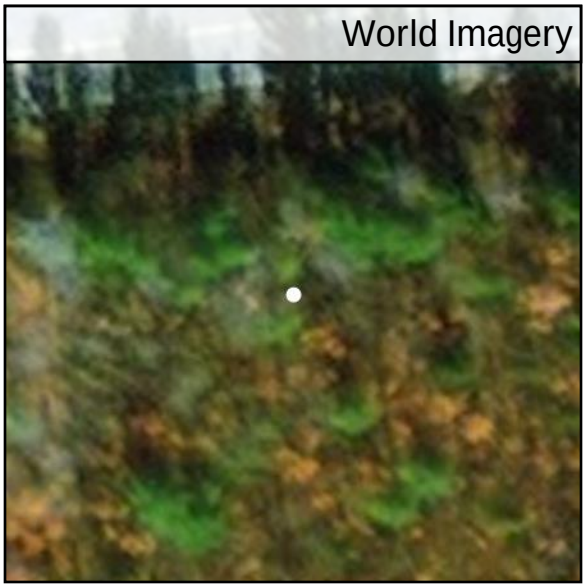
DEM Dz +0.14 m

VVA - FO09

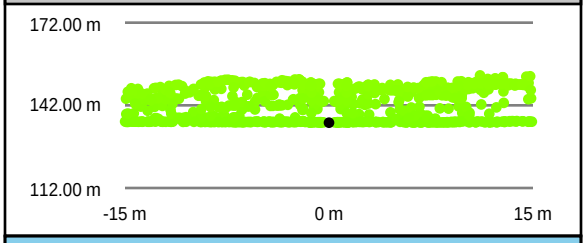
Project Context



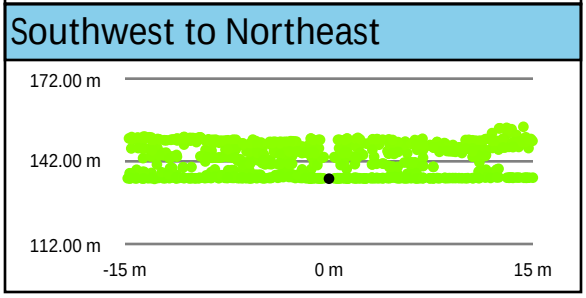
World Imagery



Southeast to Northwest

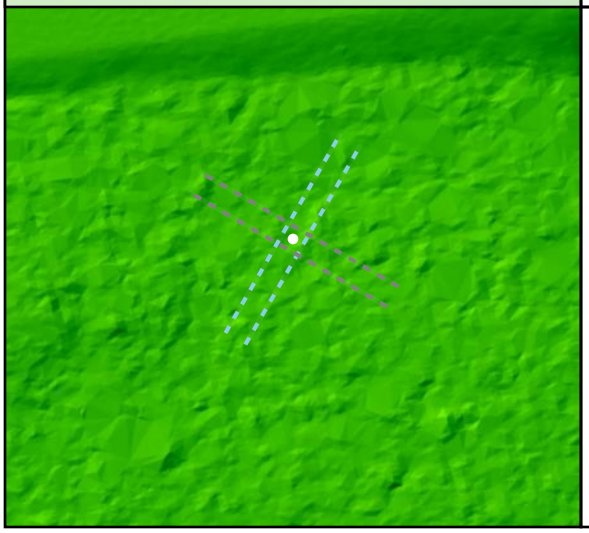


Southwest to Northeast



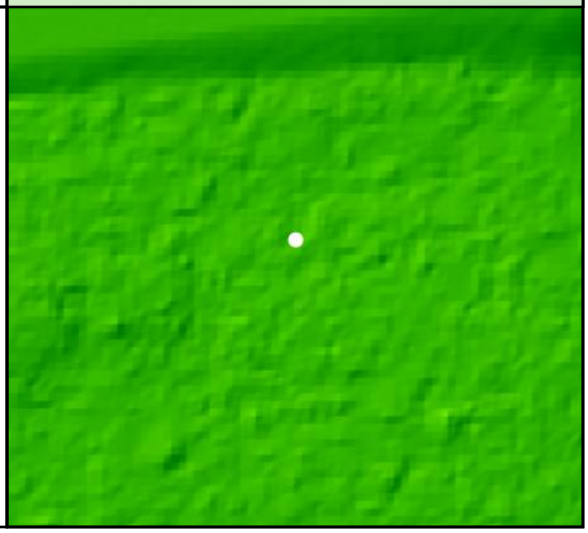
Intensity Raster

TIN Surface



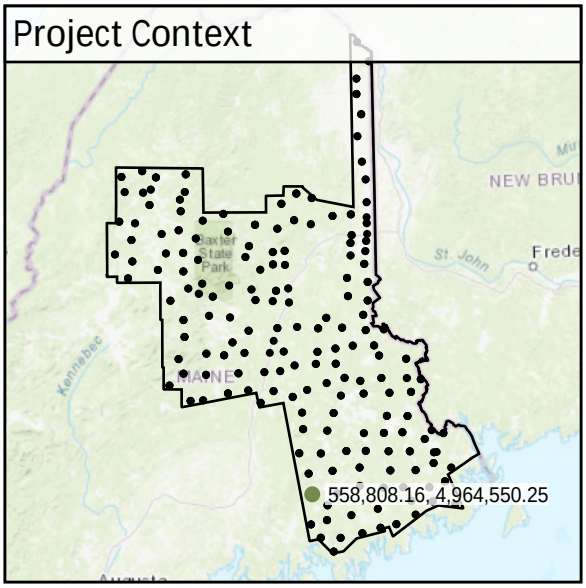
Project Elevation

DEM Surface



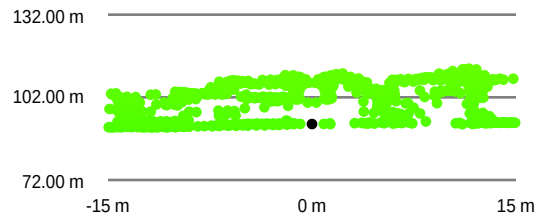
FO10				
	Known Z	92.31 m	Point Density	2.72 ppsm
	DEM Dz	0.05 m	Ground Density	0.74 ppsm
	All Points TIN Dz	N/A	Slope	14.39 °

Project Context

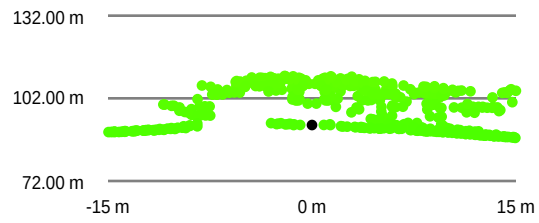


World Imagery

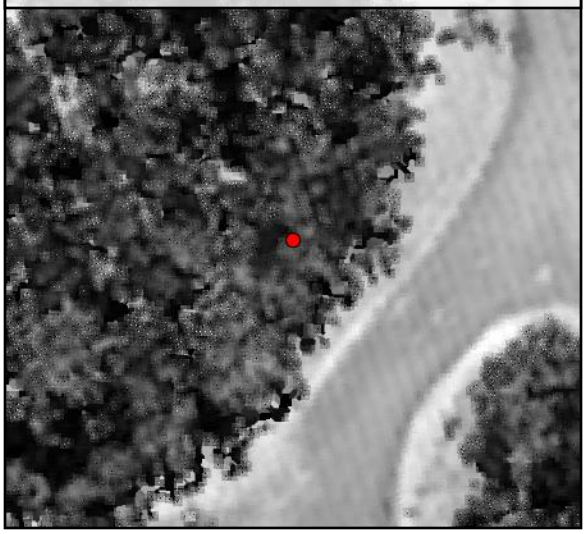
Southwest to Northeast



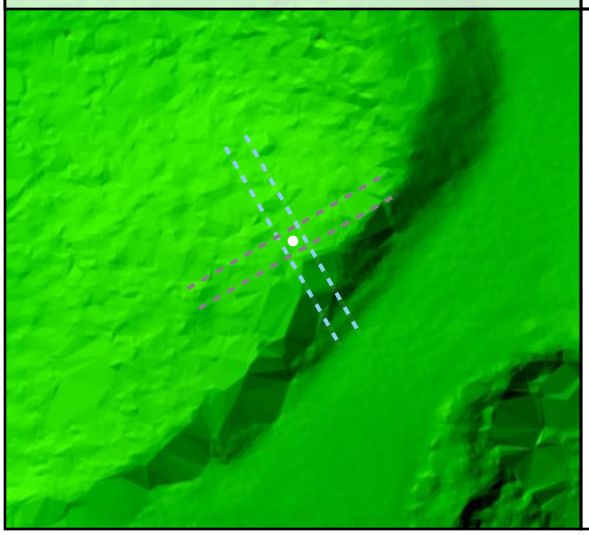
Southeast to Northwest



Intensity Raster

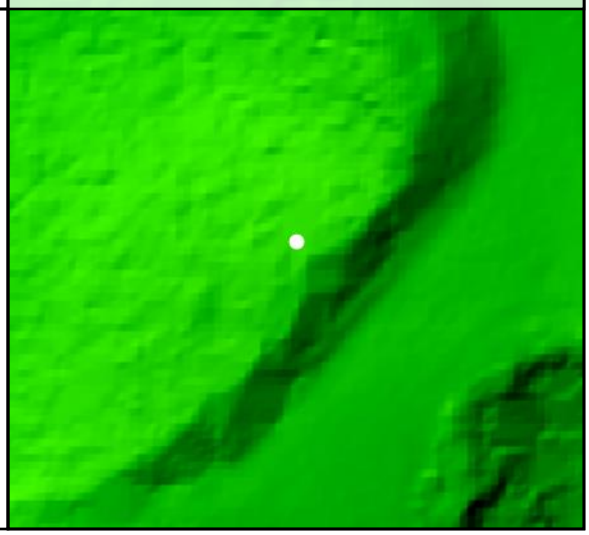


TIN Surface



Project Elevation

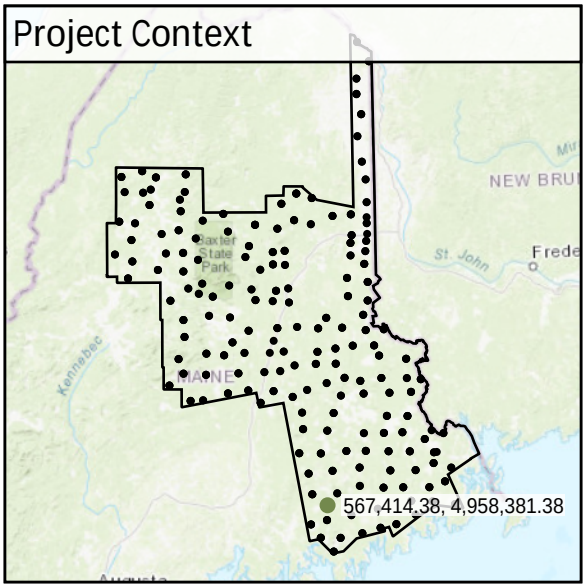
DEM Surface



FO11

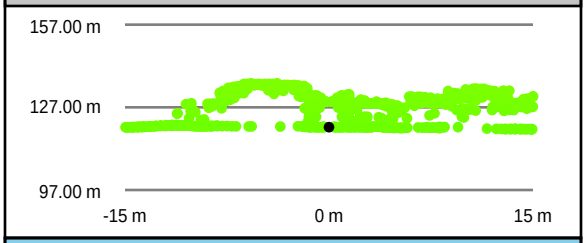
Known Z	119.80 m	Point Density	7.07 ppsm
DEM Dz	0.08 m	Ground Density	3.25 ppsm
All Points TIN Dz	N/A	Slope	4.02 °

Project Context

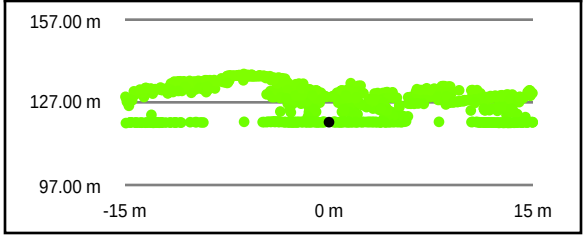


World Imagery

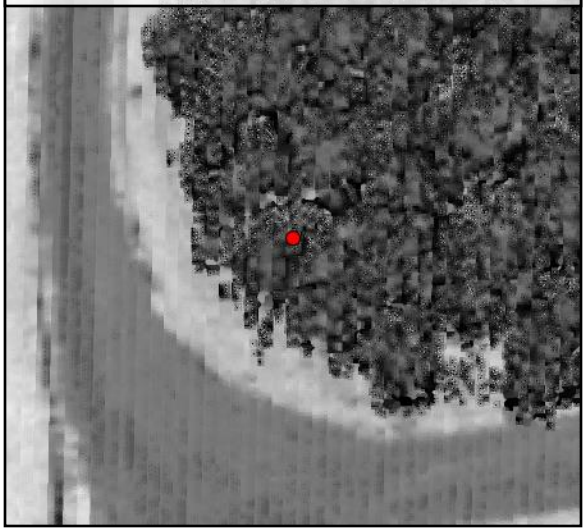
Southwest to Northeast



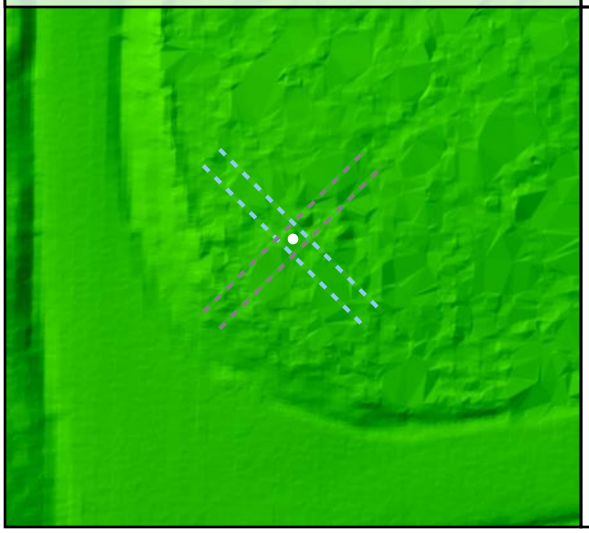
Southeast to Northwest



Intensity Raster

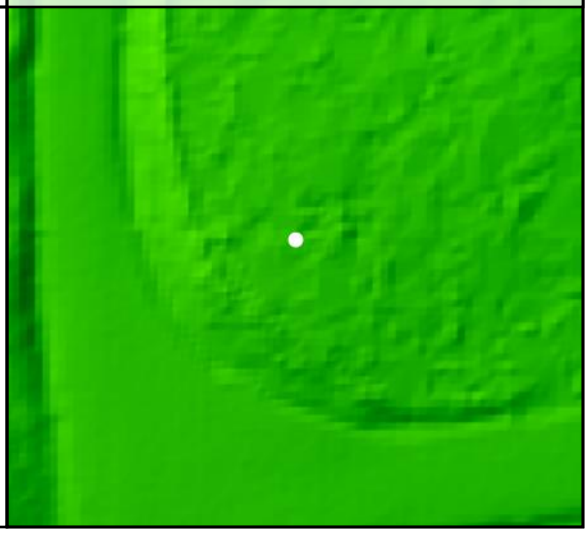


TIN Surface



Project Elevation

DEM Surface



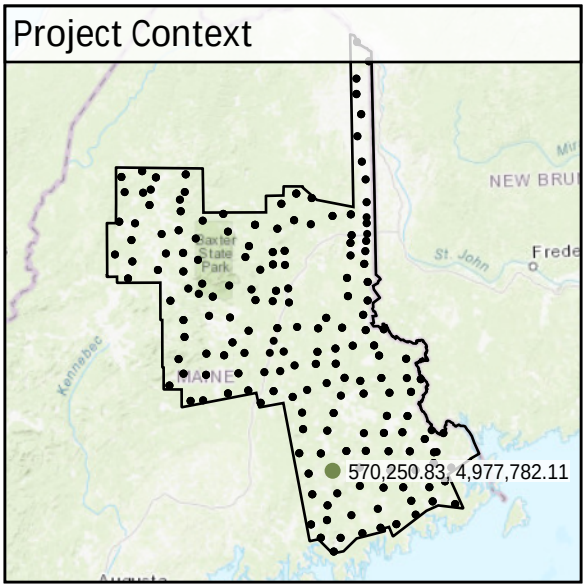
DEM Dz +0.08 m

VVA - FO11

FO12

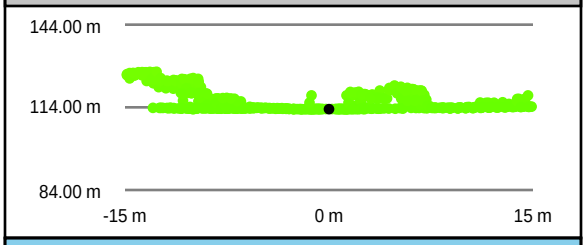
Known Z	113.34 m	Point Density	3.61 ppsm
DEM Dz	0.04 m	Ground Density	2.76 ppsm
All Points TIN Dz	N/A	Slope	1.08 °

Project Context

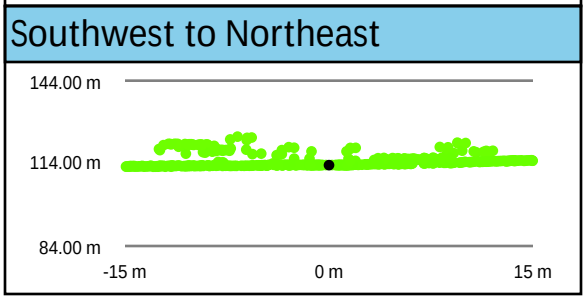


World Imagery

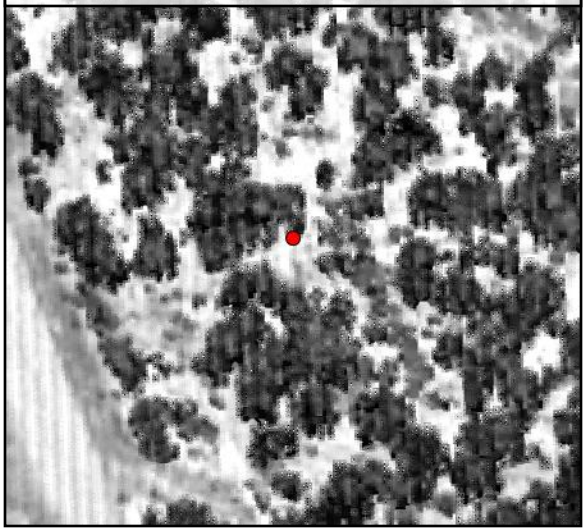
Southeast to Northwest



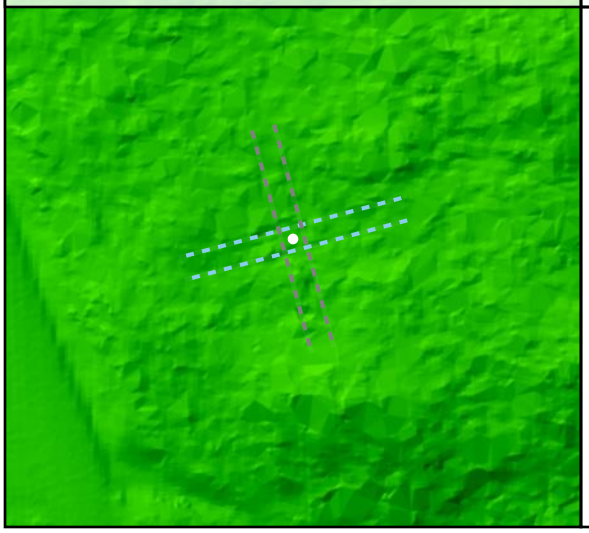
Southwest to Northeast



Intensity Raster

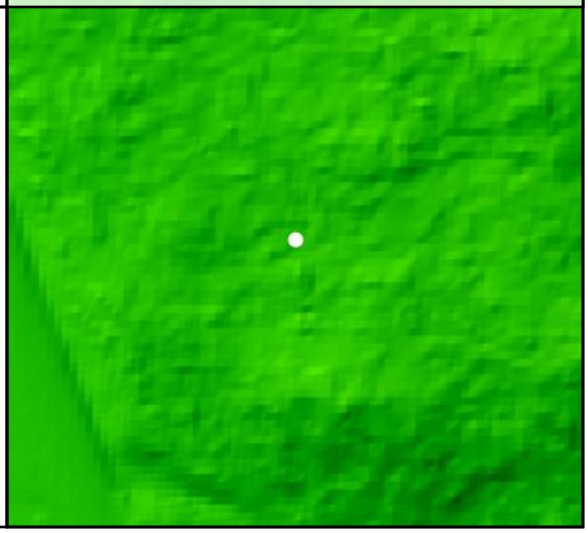


TIN Surface



Project Elevation

DEM Surface



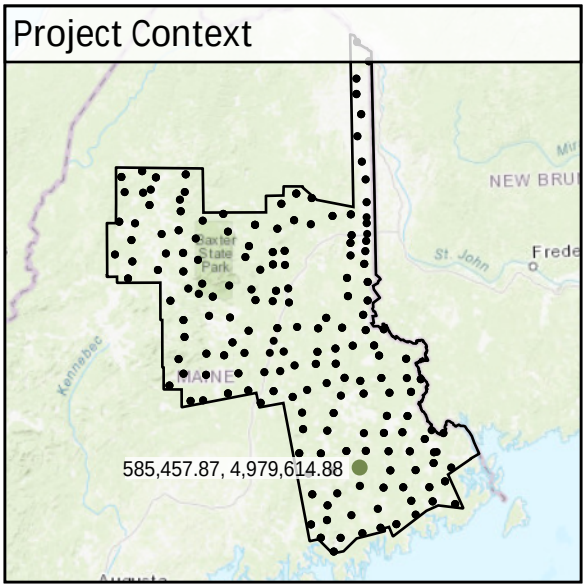
DEM Dz +0.04 m

VVA - FO12

FO13

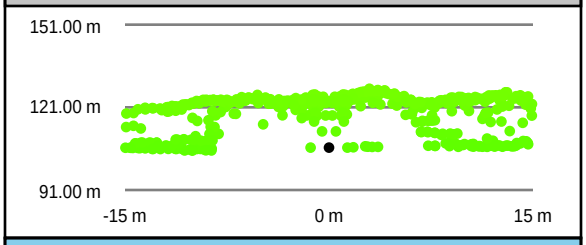
Known Z	106.38 m	Point Density	3.18 ppsm
DEM Dz	0.17 m	Ground Density	0.46 ppsm
All Points TIN Dz	N/A	Slope	5.81 °

Project Context

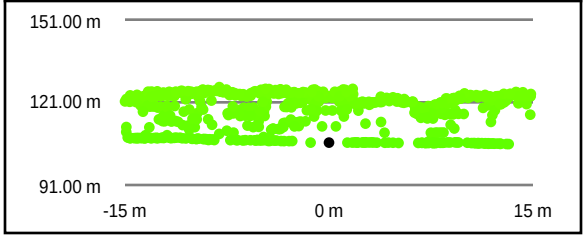


World Imagery

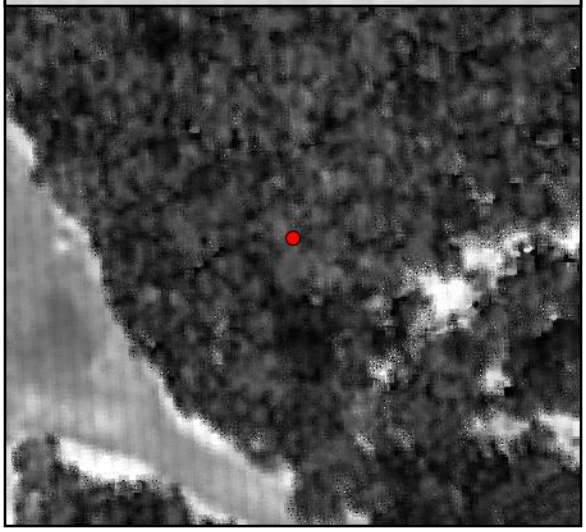
Southeast to Northwest



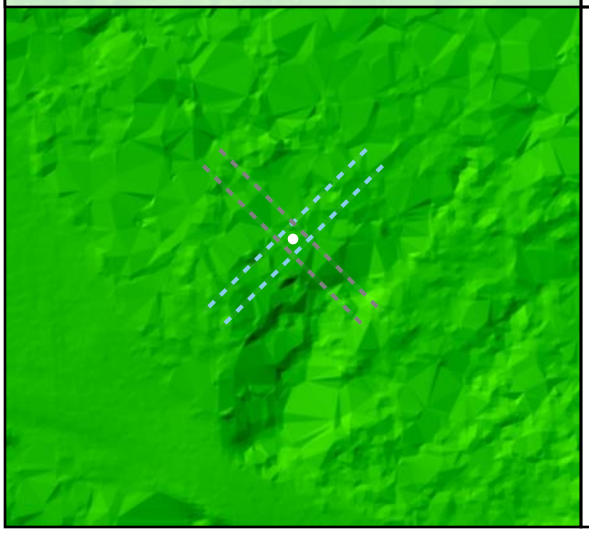
Southwest to Northeast



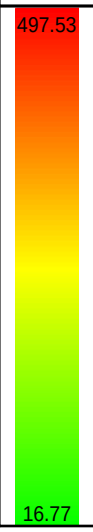
Intensity Raster



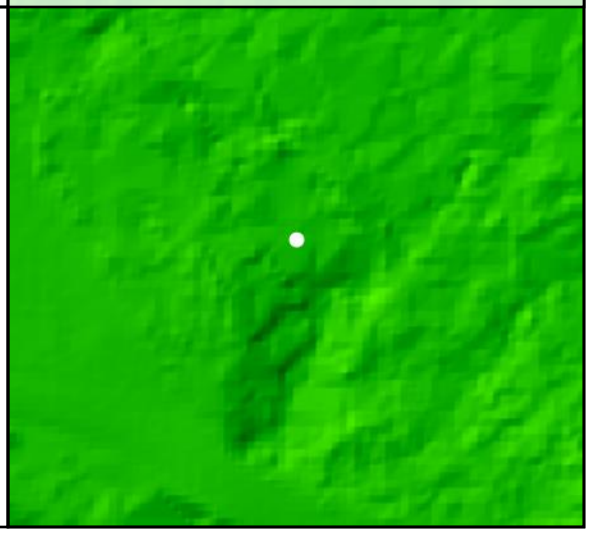
TIN Surface



Project Elevation



DEM Surface

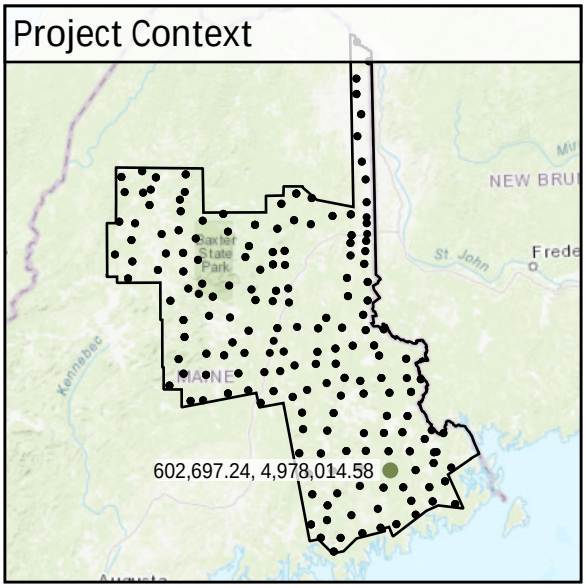


DEM Dz +0.17 m

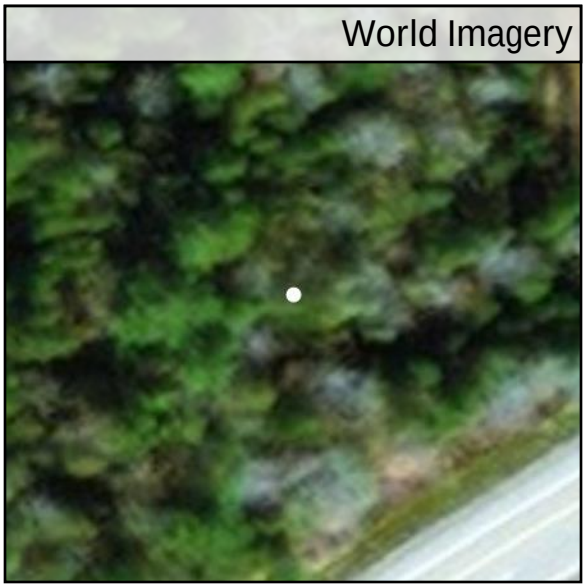
VVA - FO13

FO14				
	Known Z	101.81 m	Point Density	5.52 ppsm
	DEM Dz	0.18 m	Ground Density	1.59 ppsm
	All Points TIN Dz	N/A	Slope	3.09 °

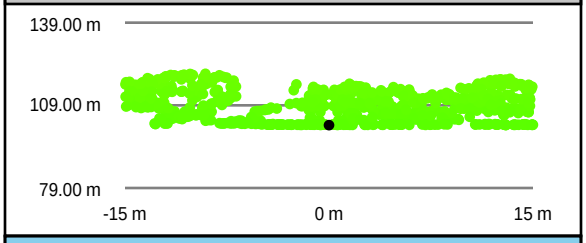
Project Context



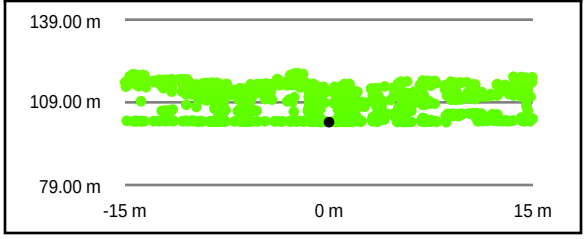
World Imagery



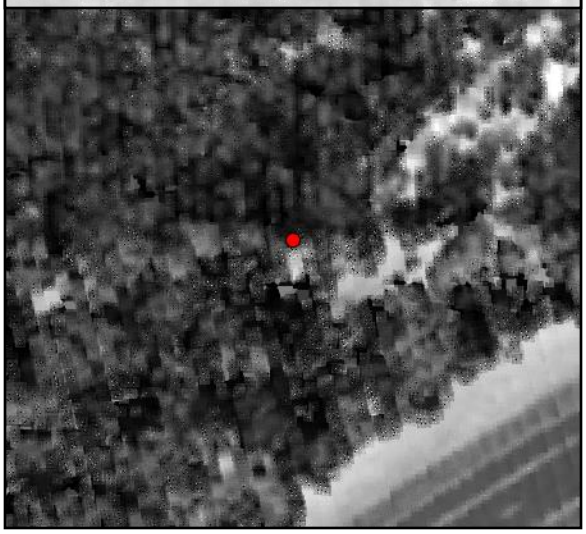
South to North



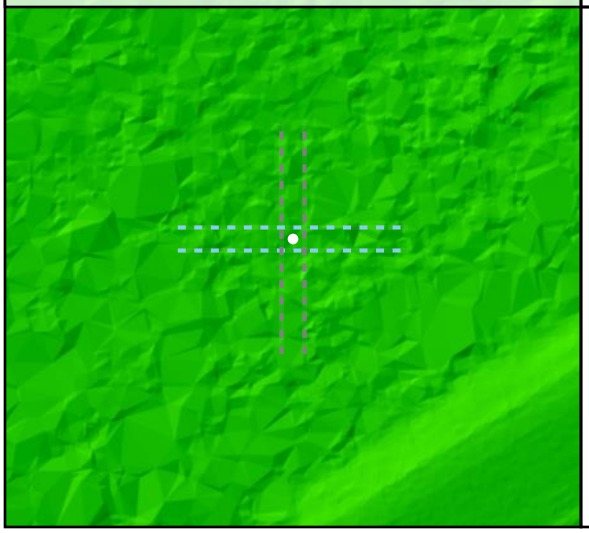
West to East



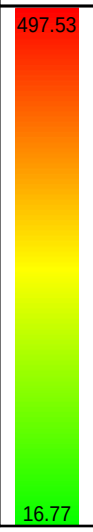
Intensity Raster



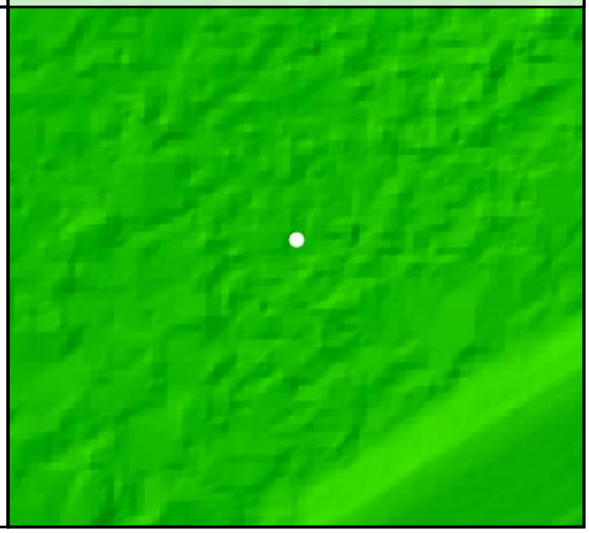
TIN Surface



Project Elevation



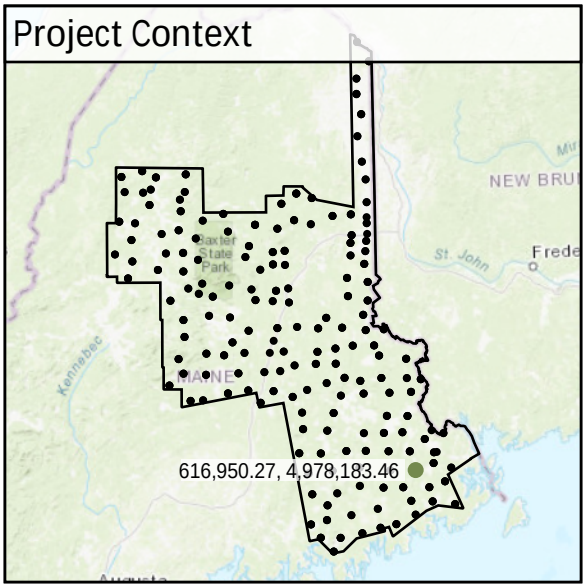
DEM Surface



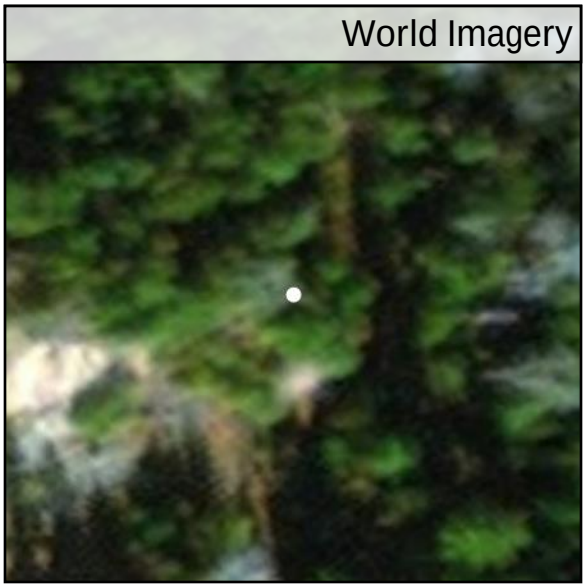
FO15

Known Z	51.21 m	Point Density	3.36 ppsm
DEM Dz	-0.01 m	Ground Density	1.24 ppsm
All Points TIN Dz	N/A	Slope	12.21 °

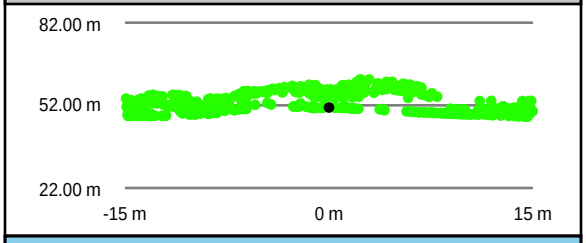
Project Context



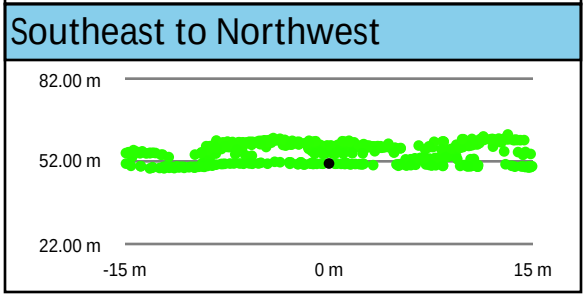
World Imagery



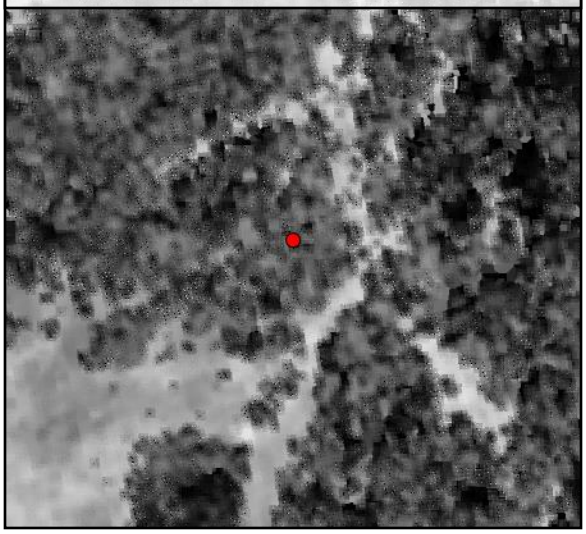
Southwest to Northeast



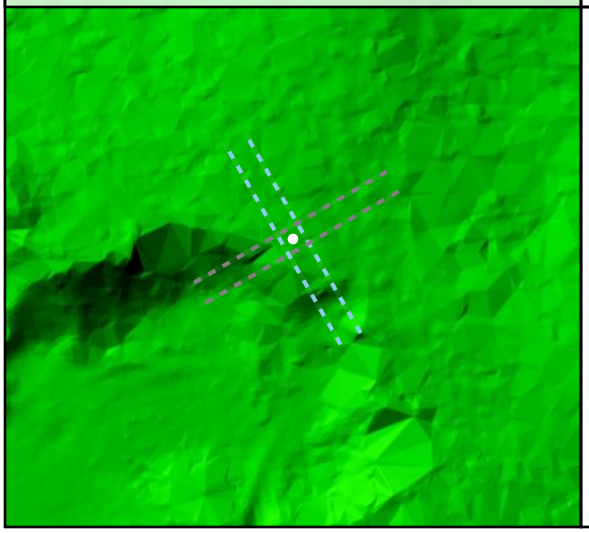
Southeast to Northwest



Intensity Raster

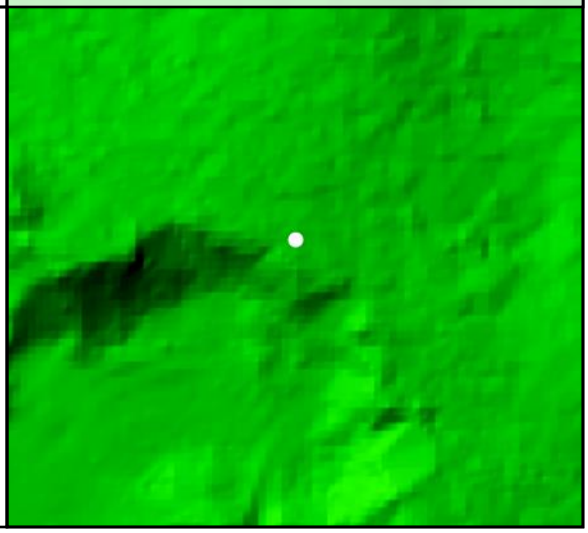


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

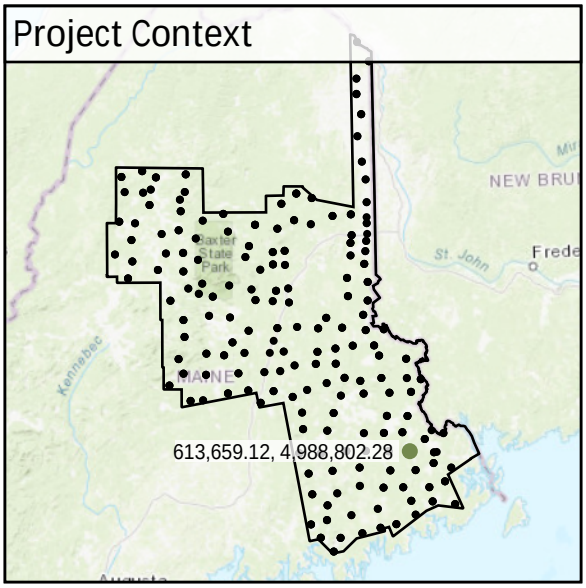
VVA - FO15

FO17				
	Known Z	60.58 m	Point Density	2.72 ppsm
	DEM Dz	0.24 m	Ground Density	0.07 ppsm
	All Points TIN Dz	N/A	Slope	9.02 °

DEM Dz +0.24 m

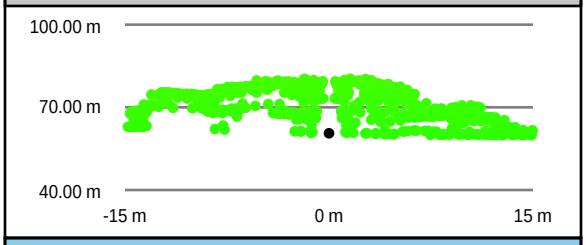
VVA - FO17

Project Context

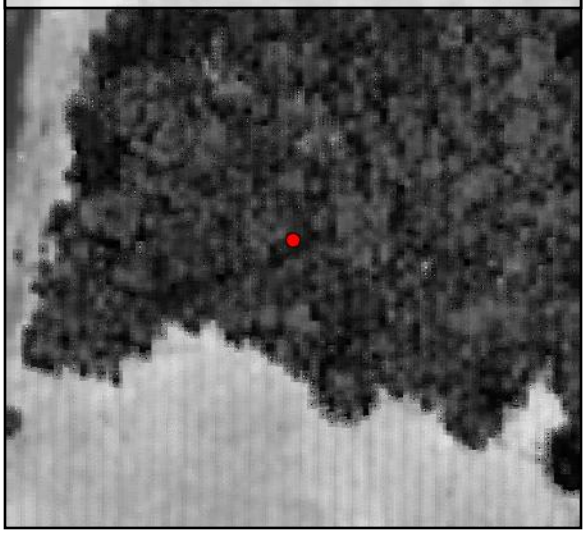


World Imagery

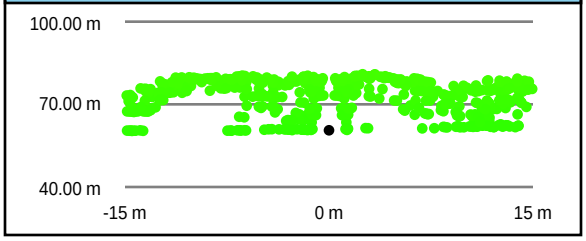
Southwest to Northeast



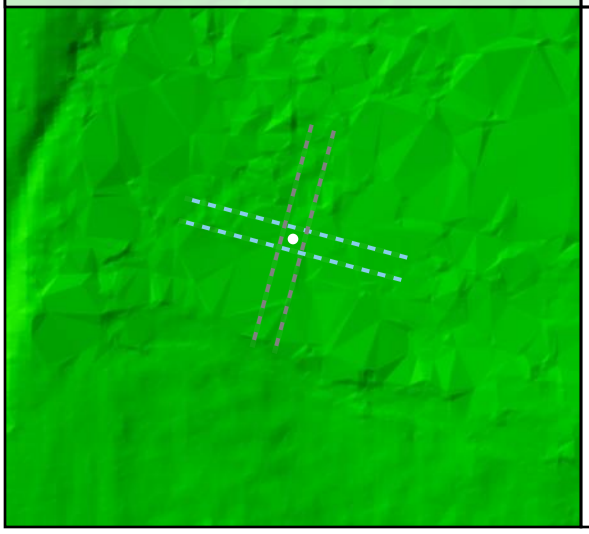
Intensity Raster



Southeast to Northwest



TIN Surface

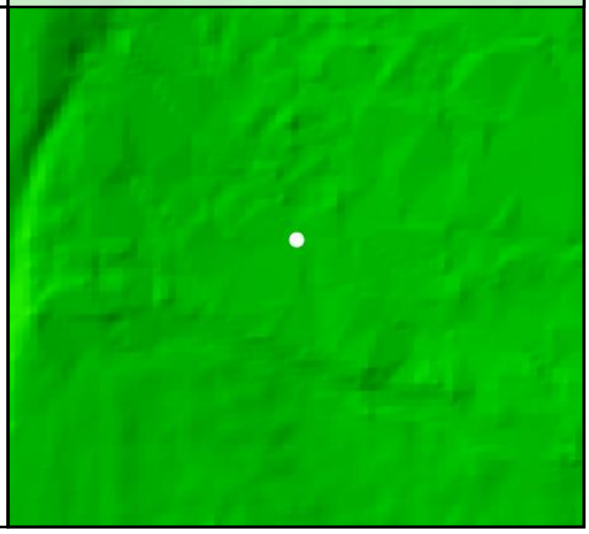


Project Elevation

497.53

16.77

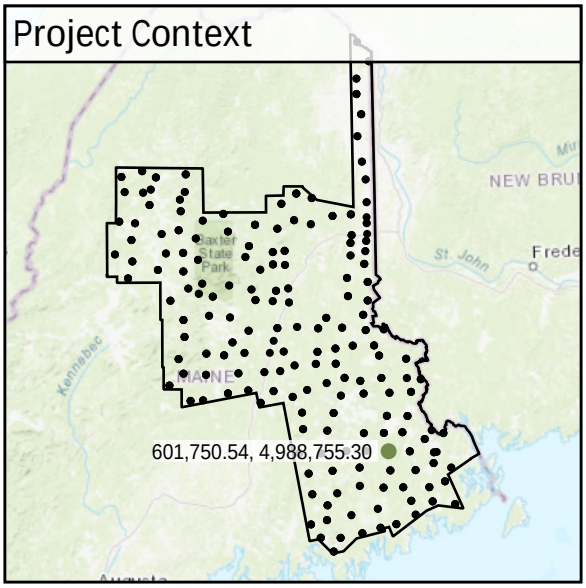
DEM Surface



FO18

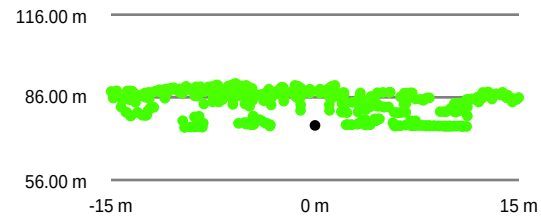
Known Z	75.81 m	Point Density	2.76 ppsm
DEM Dz	0.17 m	Ground Density	0.11 ppsm
All Points TIN Dz	N/A	Slope	10.42 °

Project Context

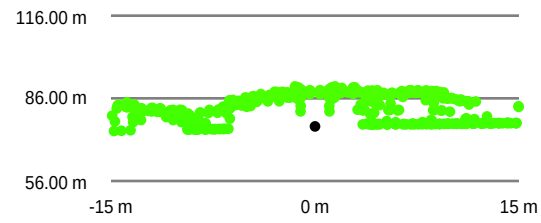


World Imagery

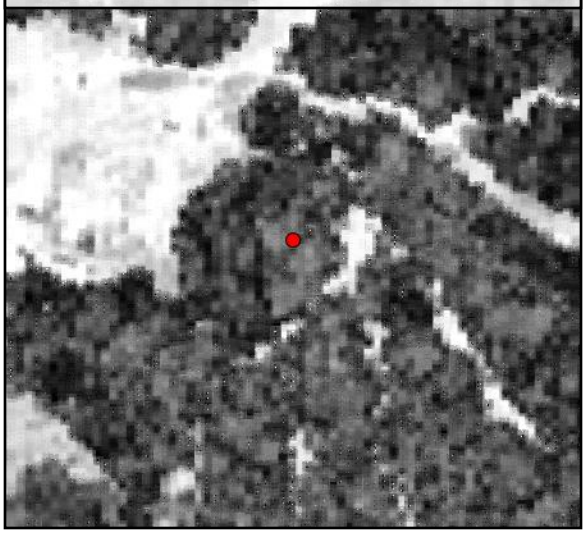
Southwest to Northeast



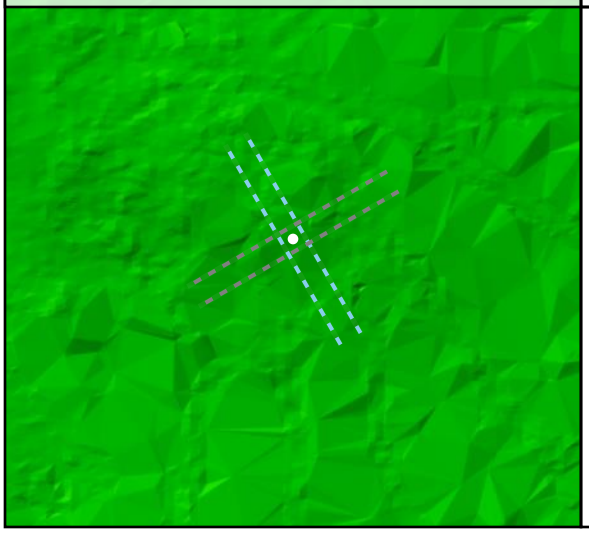
Southeast to Northwest



Intensity Raster

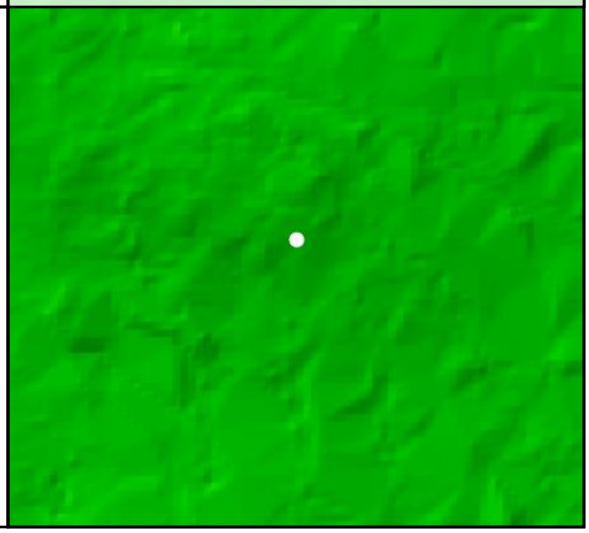


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.17 m

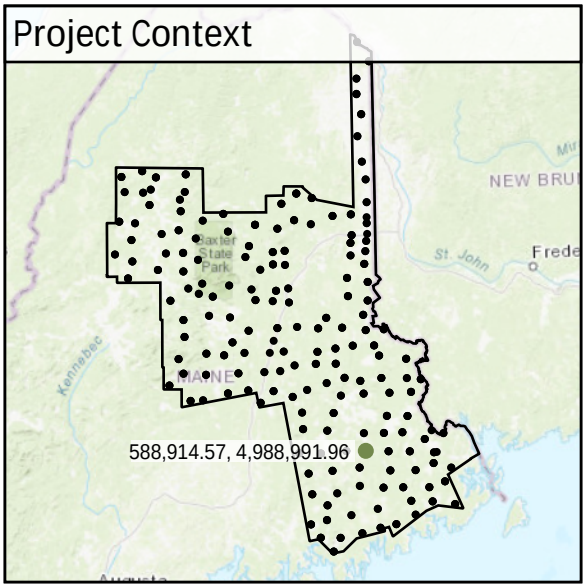
VVA - FO18

FO19				
	Known Z	75.27 m	Point Density	2.79 ppsm
	DEM Dz	0.19 m	Ground Density	0.64 ppsm
	All Points TIN Dz	N/A	Slope	4.18 °

DEM Dz +0.19 m

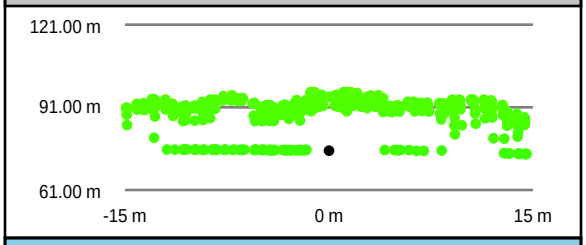
VVA - FO19

Project Context



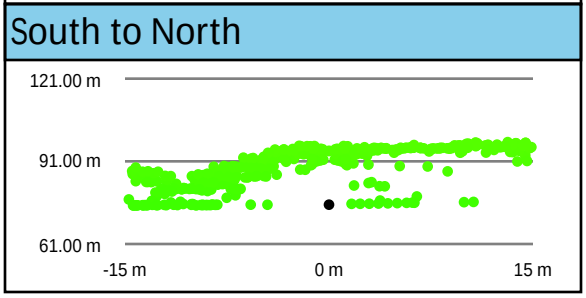
World Imagery

West to East

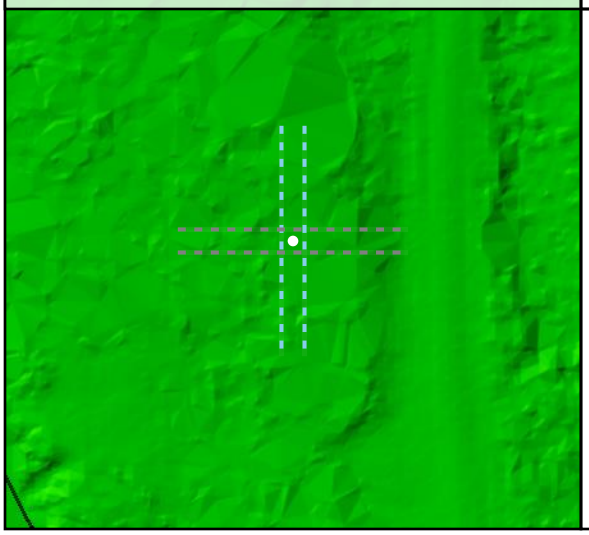


Intensity Raster

South to North



TIN Surface

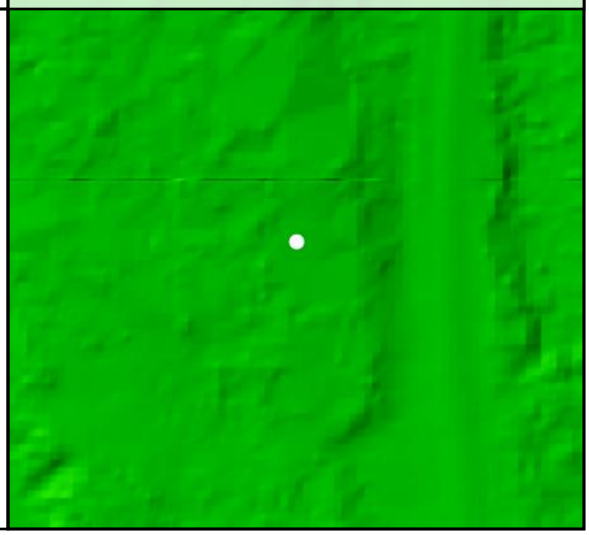


Project Elevation

497.53

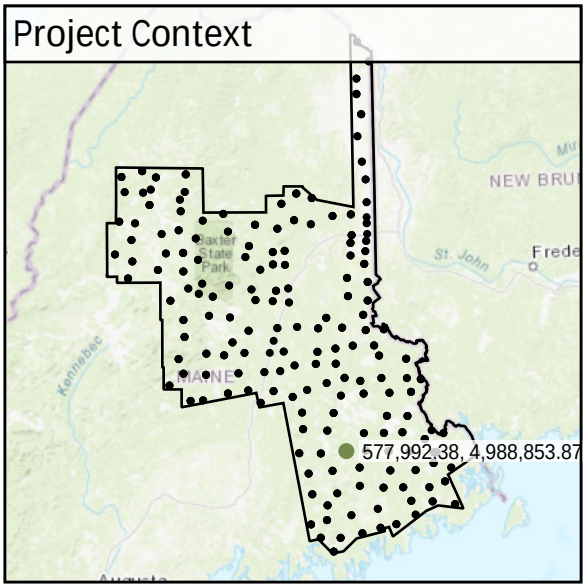
16.77

DEM Surface

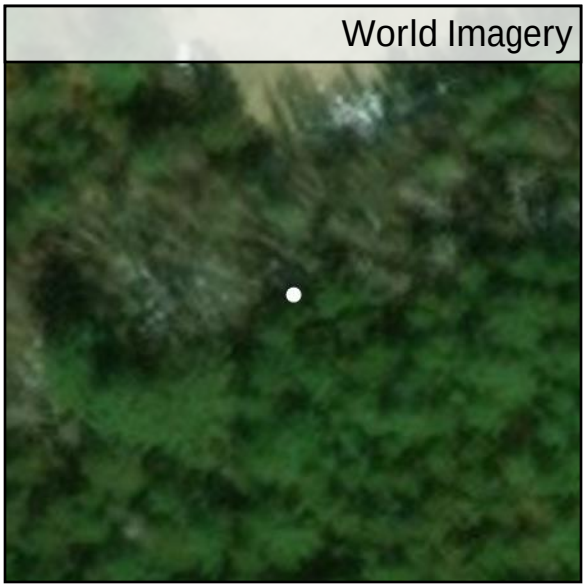


FO20				
	Known Z	120.80 m	Point Density	2.55 ppsm
	DEM Dz	0.07 m	Ground Density	1.41 ppsm
	All Points TIN Dz	N/A	Slope	4.32 °

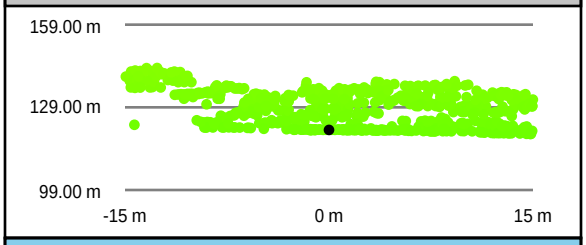
Project Context



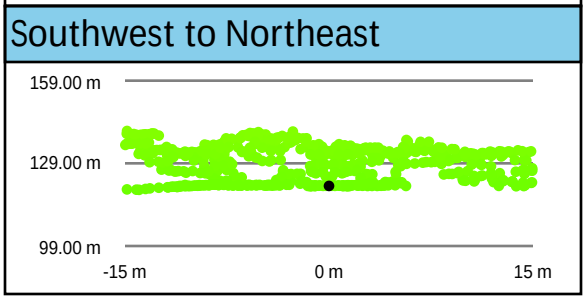
World Imagery



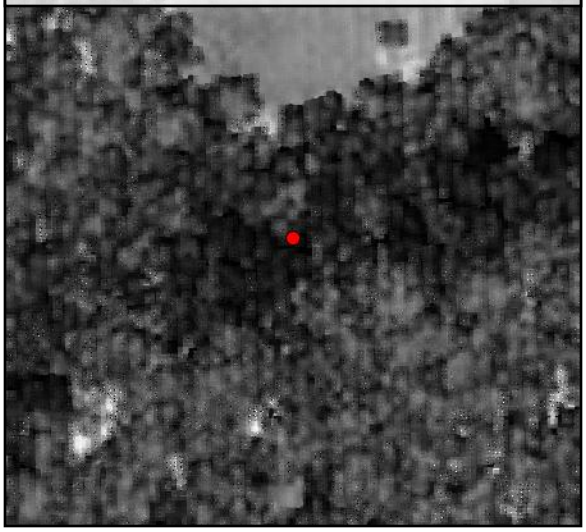
Southeast to Northwest



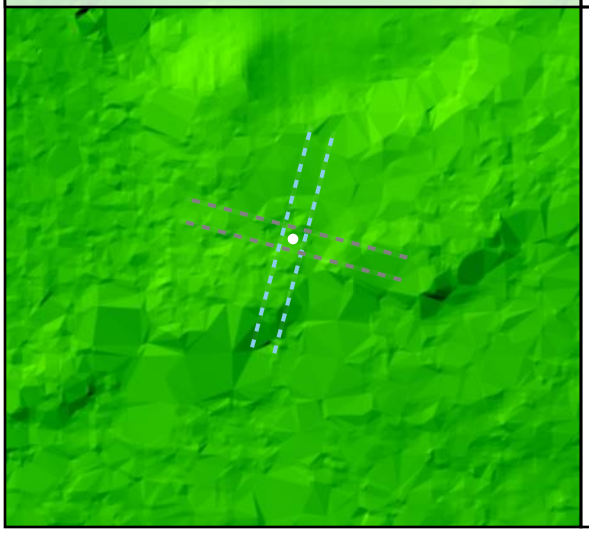
Southwest to Northeast



Intensity Raster

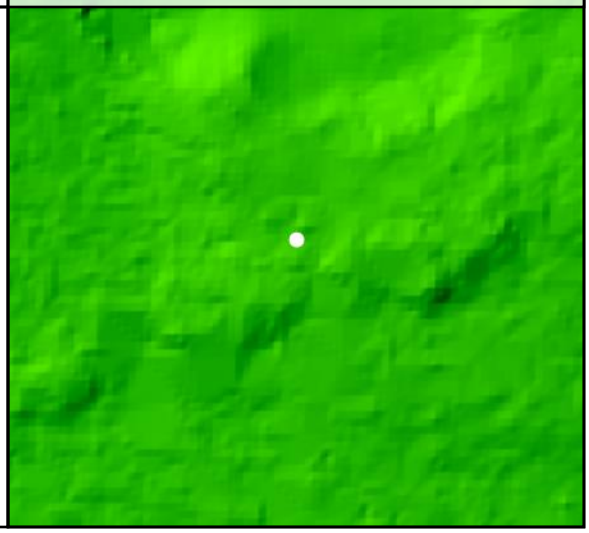


TIN Surface



Project Elevation

DEM Surface

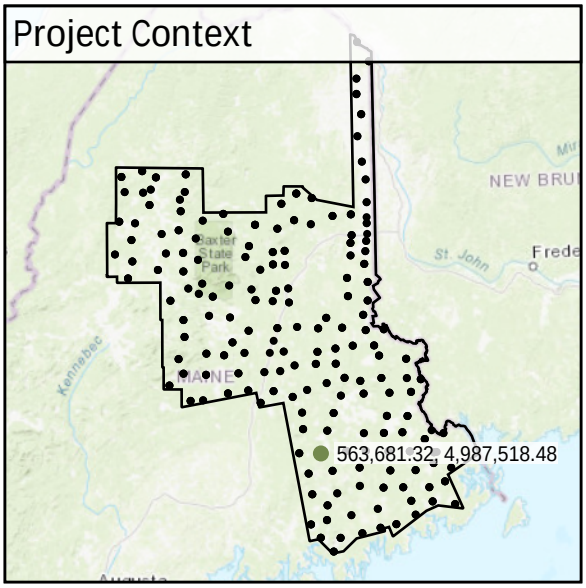


DEM Dz +0.07 m

VVA - FO20

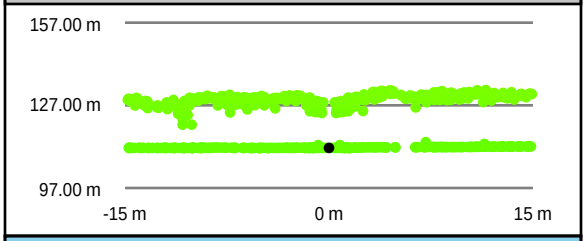
FO21				
	Known Z	111.54 m	Point Density	3.01 ppsm
	DEM Dz	0.04 m	Ground Density	1.98 ppsm
	All Points TIN Dz	N/A	Slope	2.38 °

Project Context

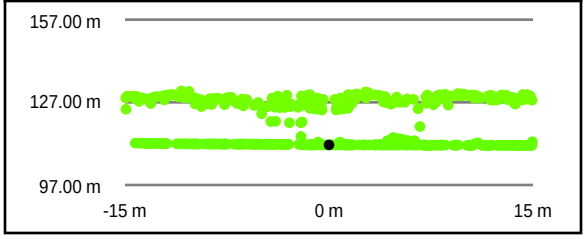


World Imagery

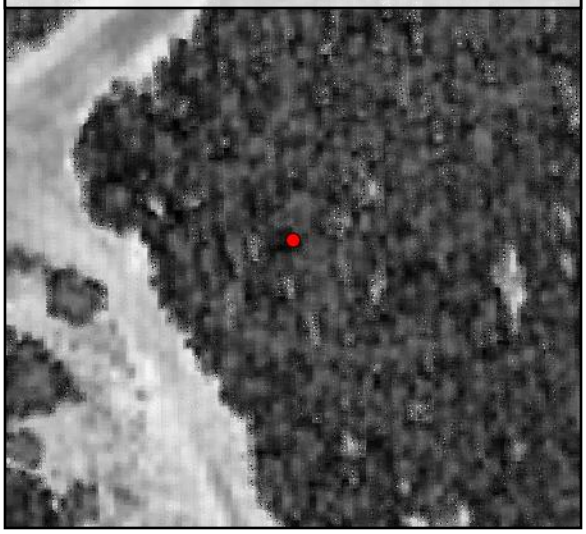
Southeast to Northwest



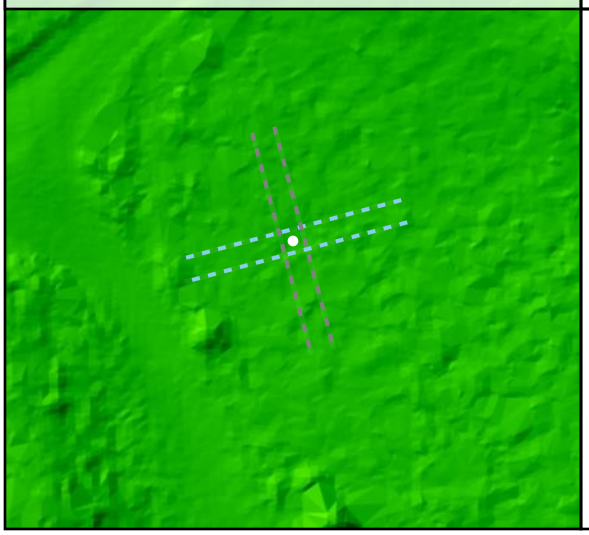
Southwest to Northeast



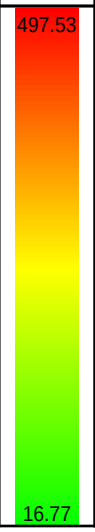
Intensity Raster



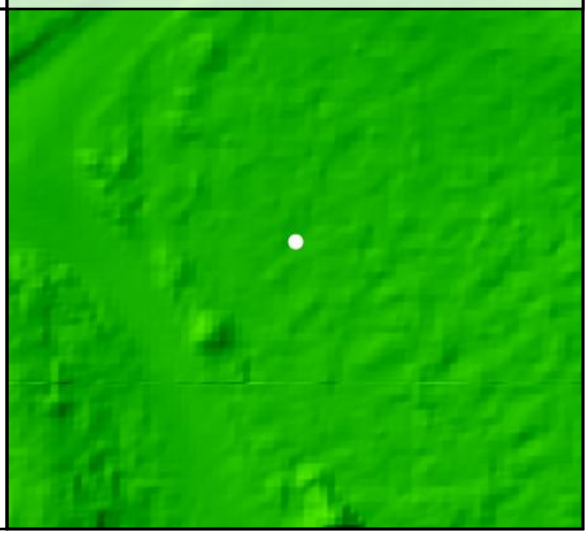
TIN Surface



Project Elevation

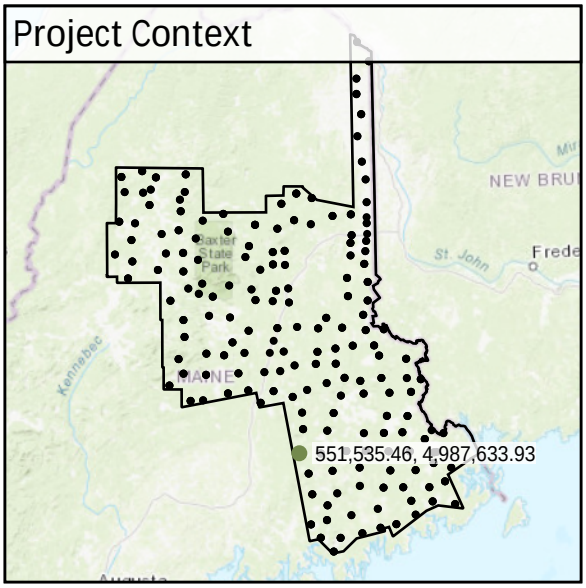


DEM Surface



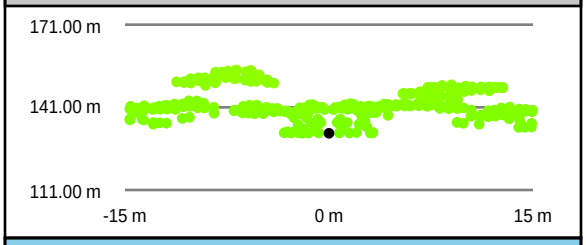
FO22				
	Known Z	131.58 m	Point Density	2.94 ppsm
	DEM Dz	0.18 m	Ground Density	0.39 ppsm
	All Points TIN Dz	N/A	Slope	3.25 °

Project Context

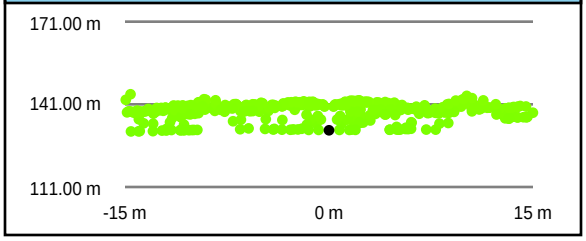


World Imagery

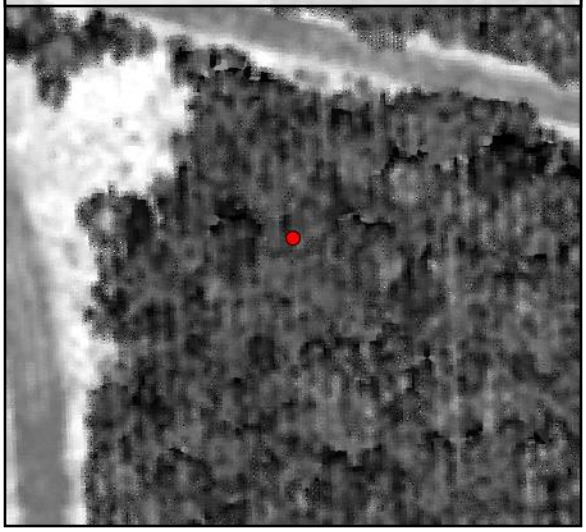
West to East



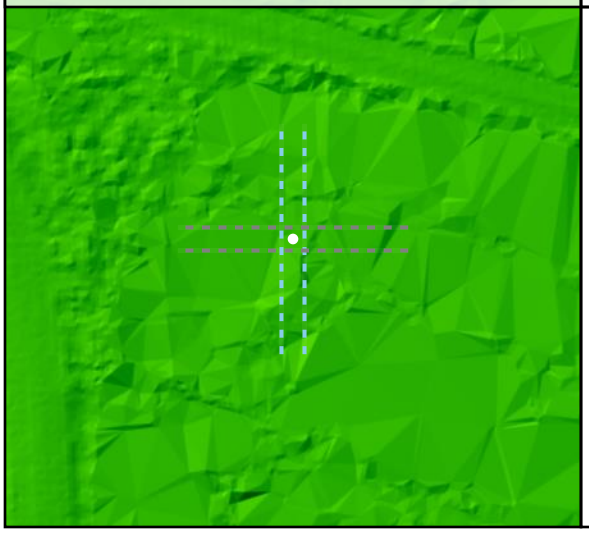
South to North



Intensity Raster

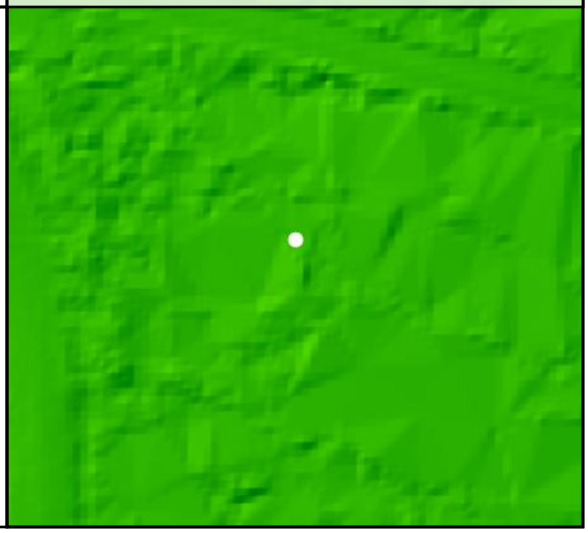


TIN Surface



Project Elevation

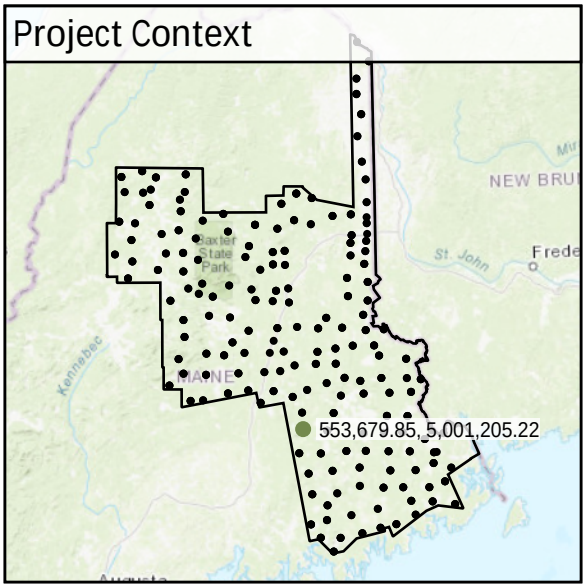
DEM Surface



FO23

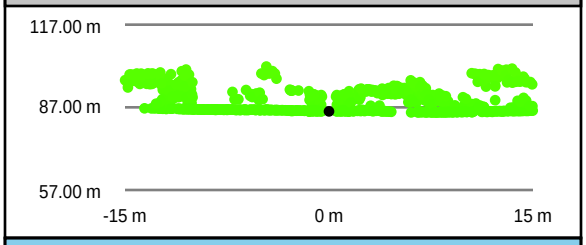
Known Z	85.53 m	Point Density	5.59 ppsm
DEM Dz	0.13 m	Ground Density	3.36 ppsm
All Points TIN Dz	N/A	Slope	4.29 °

Project Context

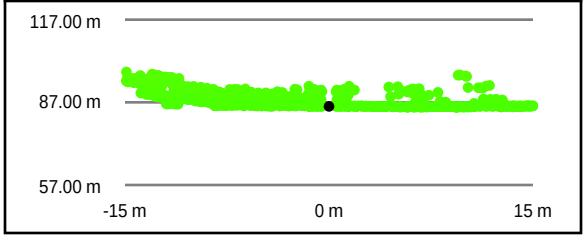


World Imagery

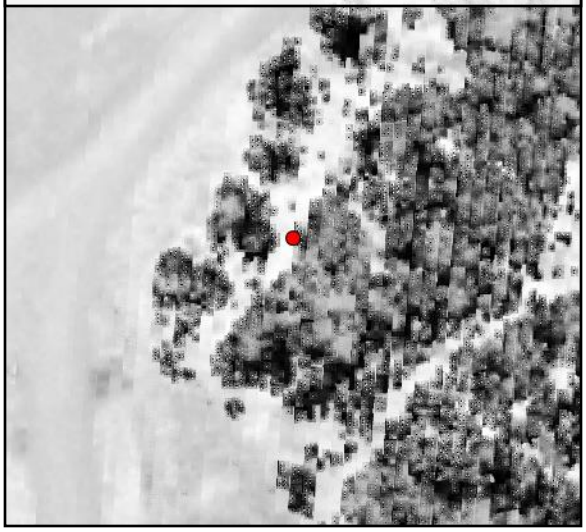
Southwest to Northeast



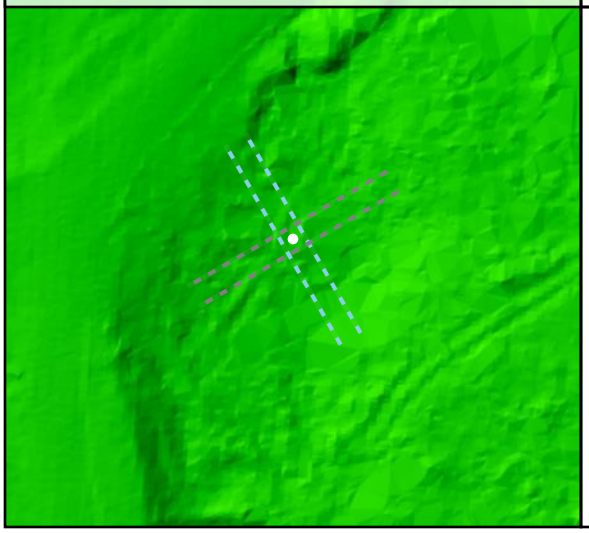
Southeast to Northwest



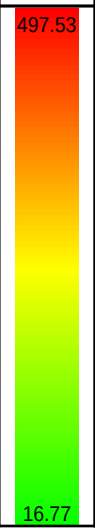
Intensity Raster



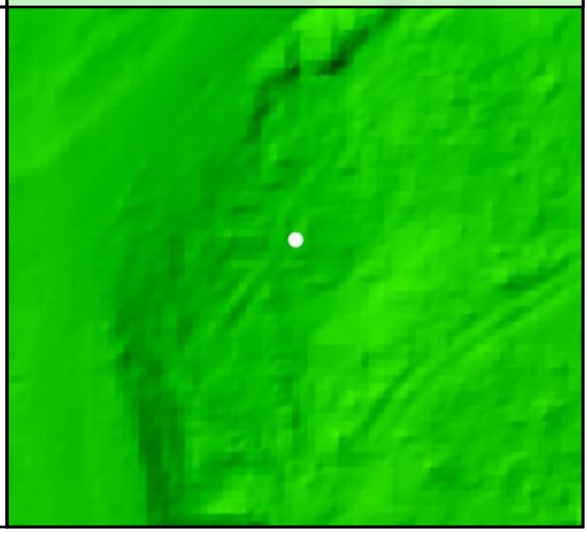
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.13 m

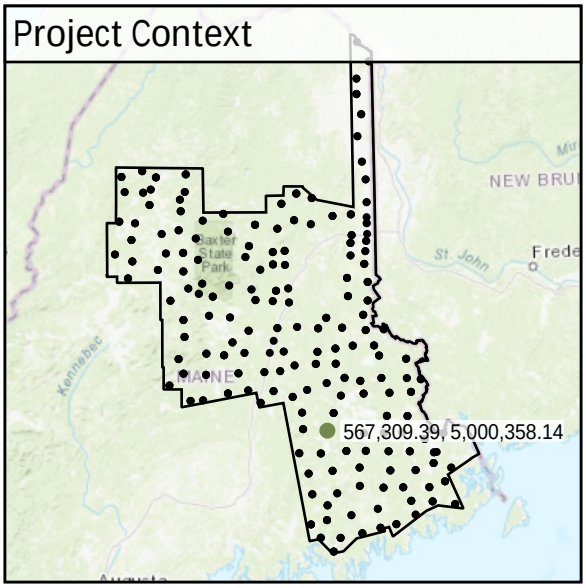
VVA - FO23

FO24				
	Known Z	219.19 m	Point Density	3.61 ppsm
	DEM Dz	0.15 m	Ground Density	0.28 ppsm
	All Points TIN Dz	N/A	Slope	3.34 °

DEM Dz +0.15 m

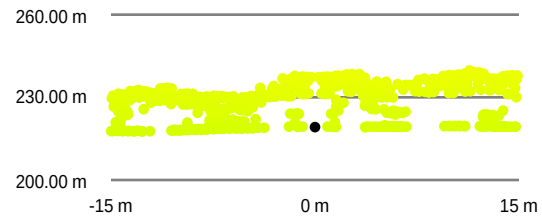
VVA - FO24

Project Context

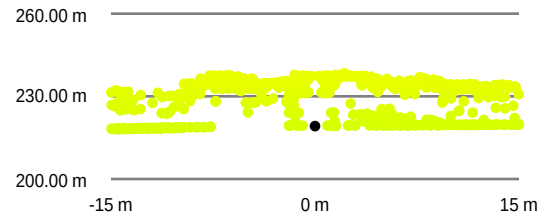


World Imagery

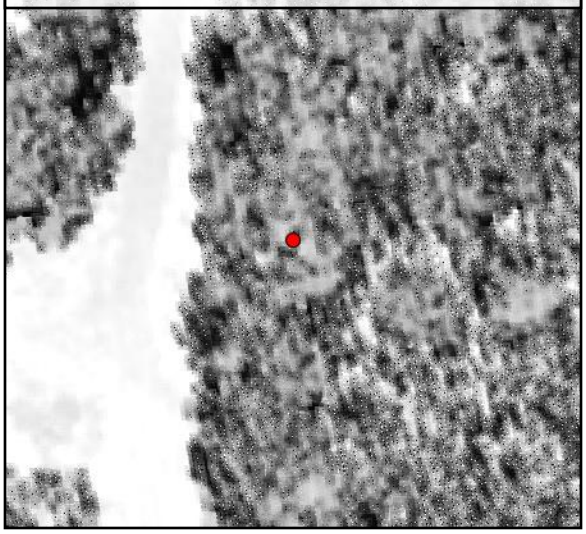
Southwest to Northeast



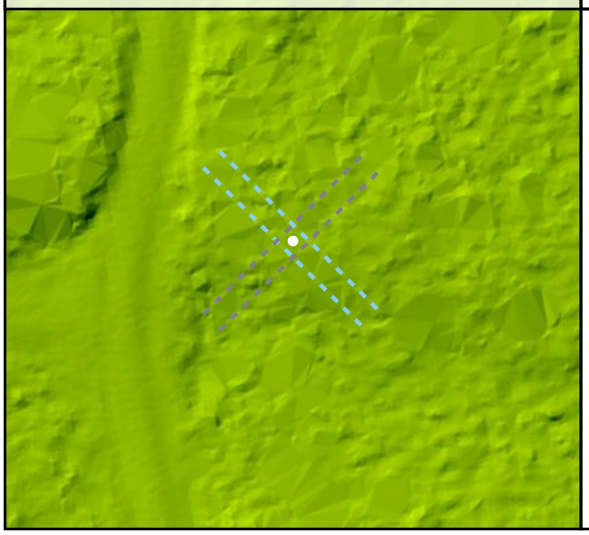
Southeast to Northwest



Intensity Raster

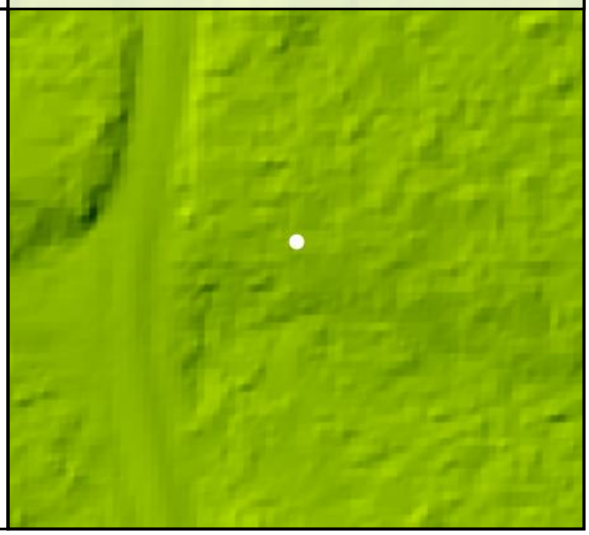


TIN Surface



Project Elevation

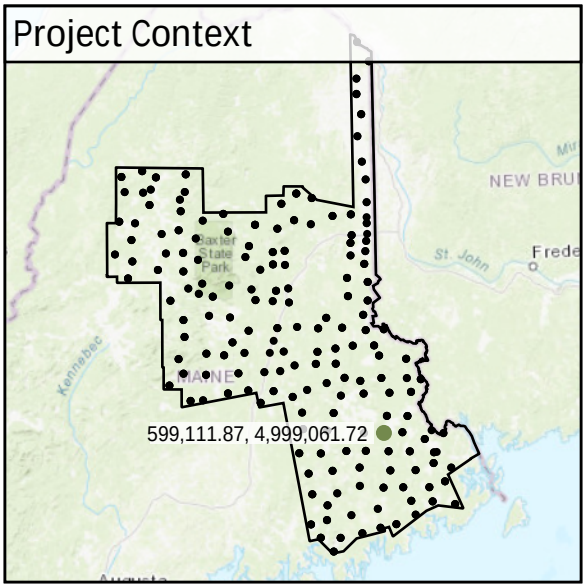
DEM Surface



FO25

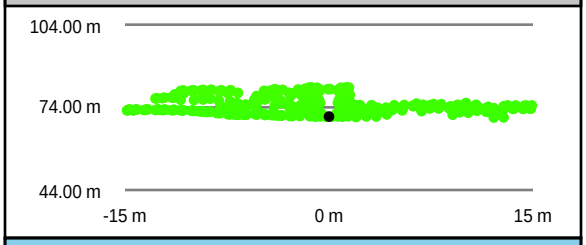
Known Z	70.64 m	Point Density	2.79 ppsm
DEM Dz	0.00 m	Ground Density	0.57 ppsm
All Points TIN Dz	N/A	Slope	3.96 °

Project Context

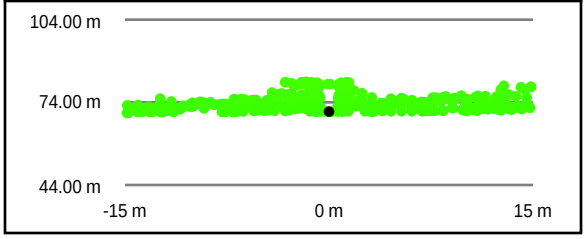


World Imagery

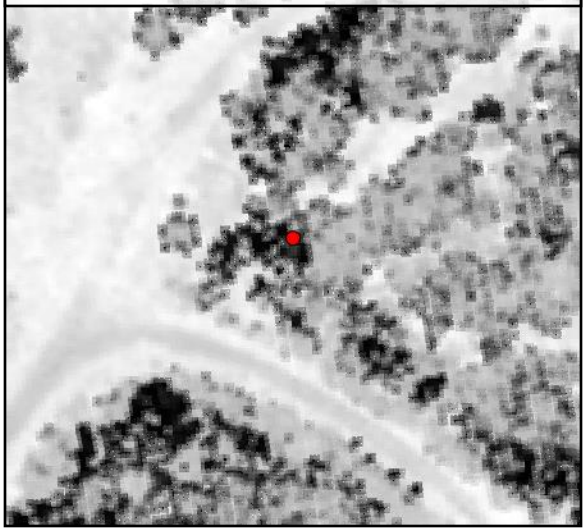
Southwest to Northeast



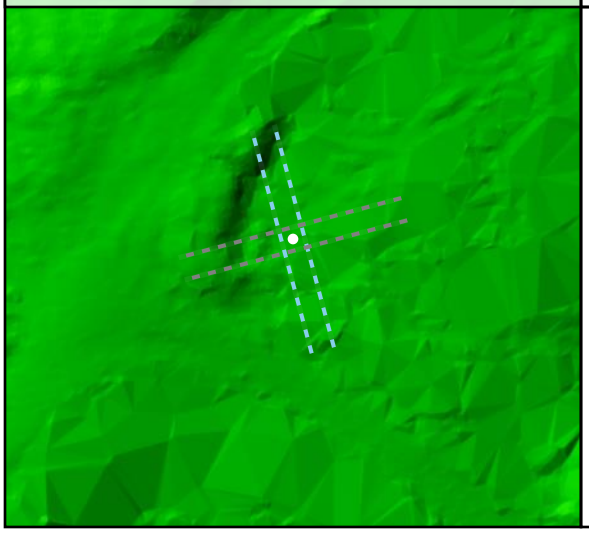
Southeast to Northwest



Intensity Raster

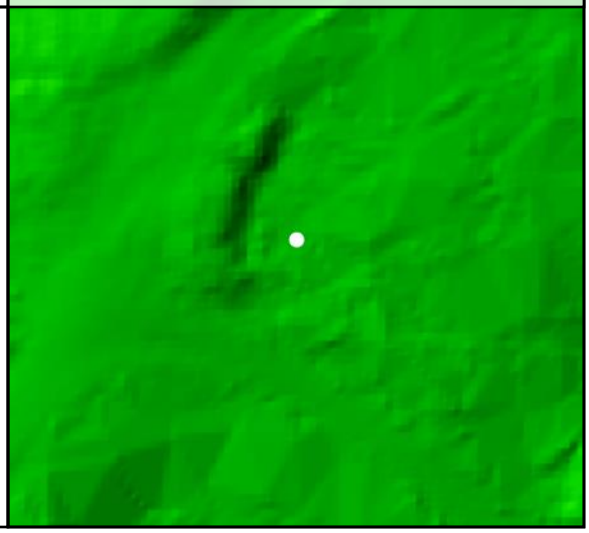


TIN Surface



Project Elevation

DEM Surface



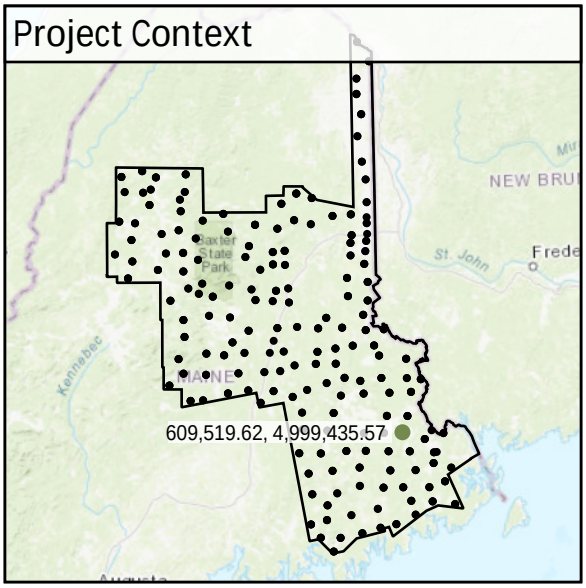
DEM Dz +0.00 m

VVA - FO25

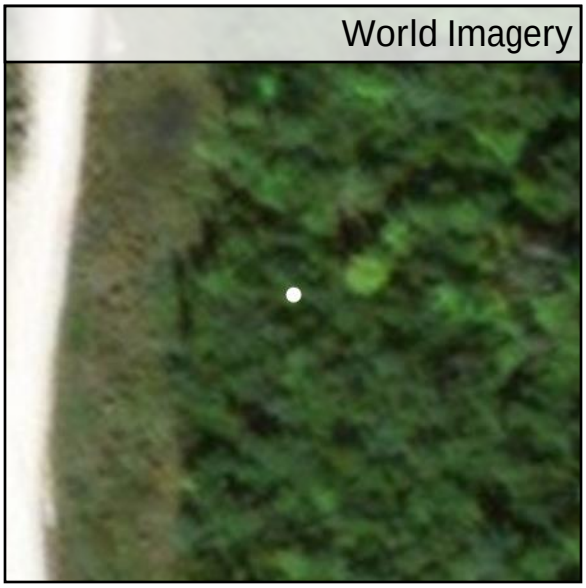
FO26

Known Z	66.05 m	Point Density	4.17 ppsm
DEM Dz	0.00 m	Ground Density	1.59 ppsm
All Points TIN Dz	N/A	Slope	3.66 °

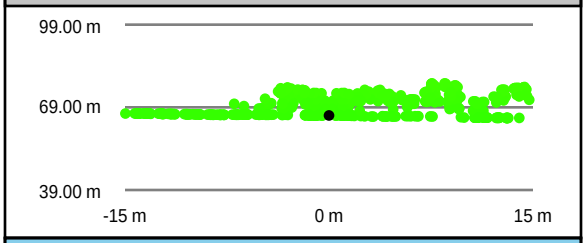
Project Context



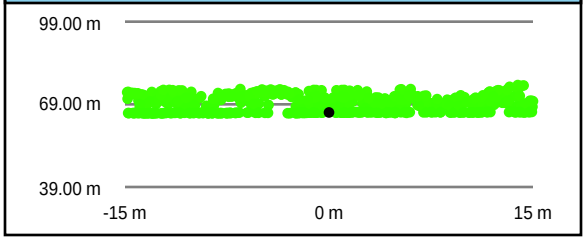
World Imagery



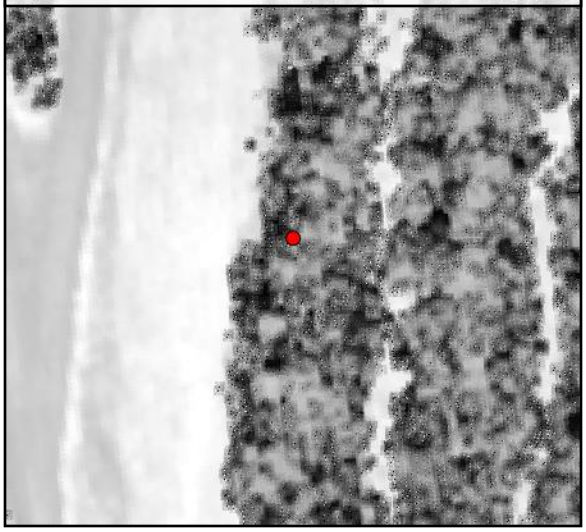
West to East



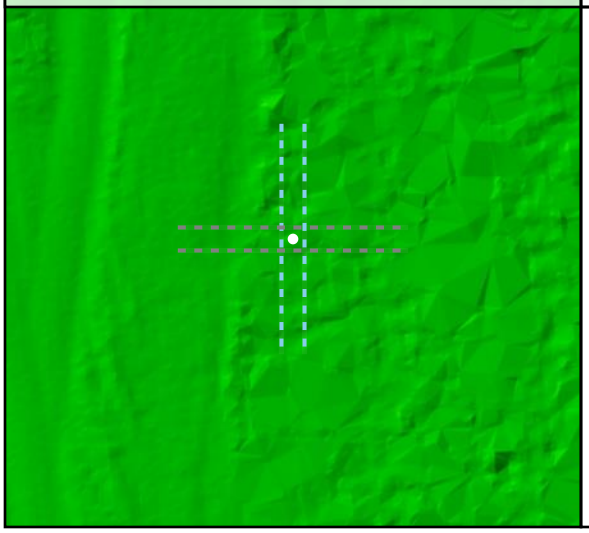
South to North



Intensity Raster

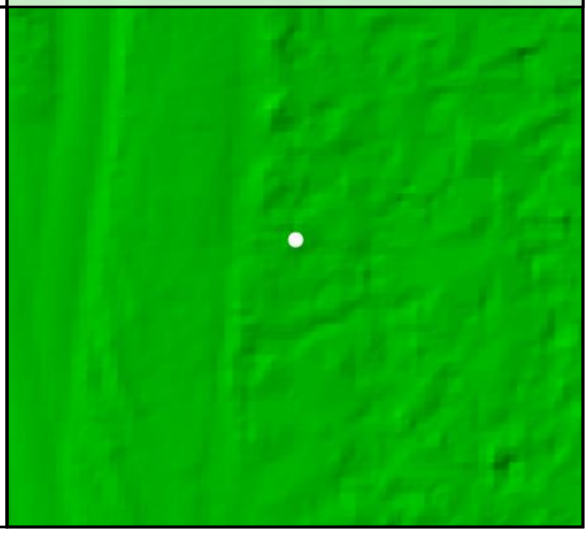


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

VVA - FO26

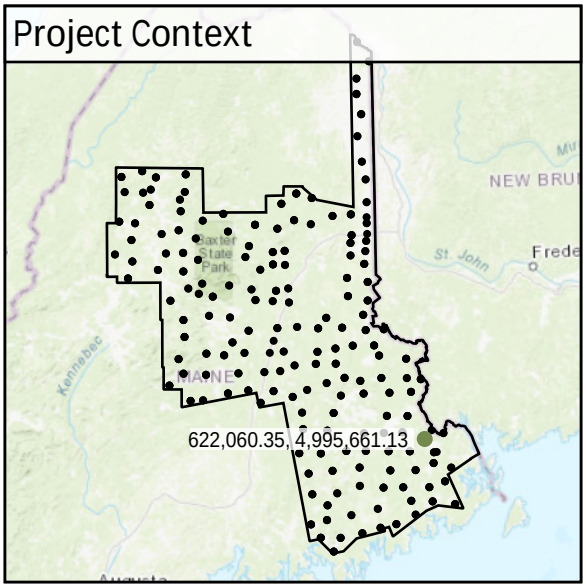
FO27

Known Z	59.83 m	Point Density	3.57 ppsm
DEM Dz	0.12 m	Ground Density	1.87 ppsm
All Points TIN Dz	N/A	Slope	3.55 °

DEM Dz +0.12 m

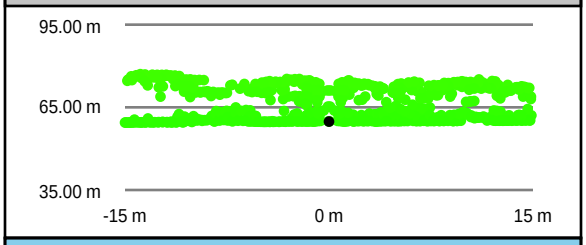
VVA - FO27

Project Context

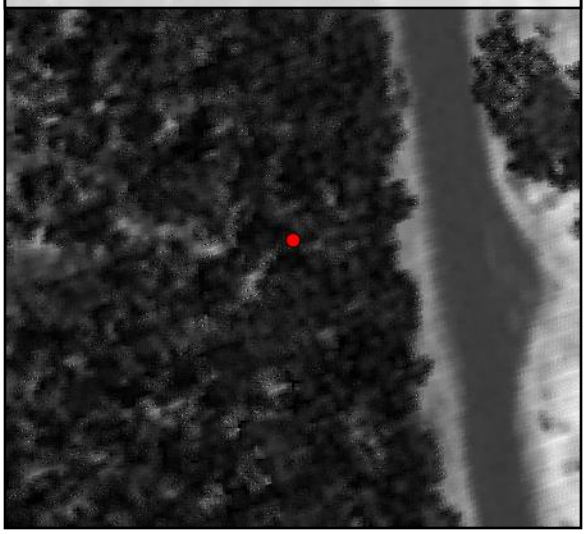


World Imagery

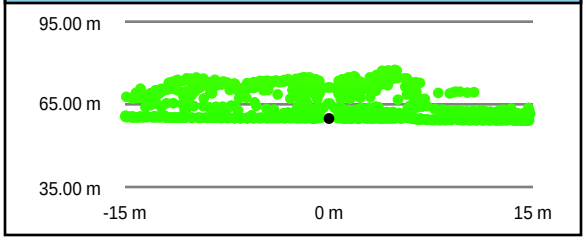
Southwest to Northeast



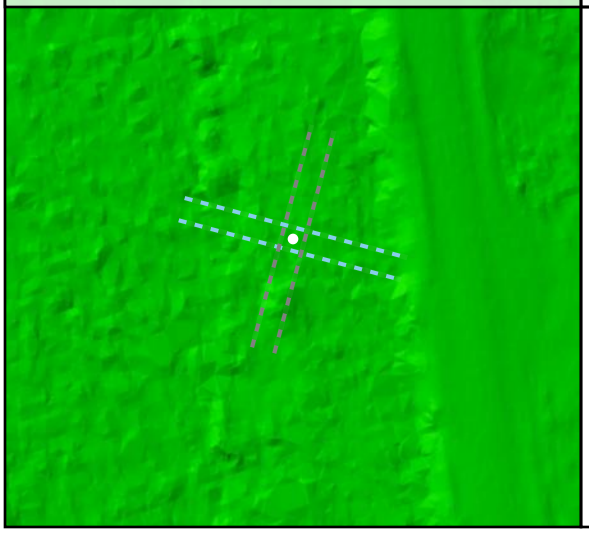
Intensity Raster



Southeast to Northwest



TIN Surface

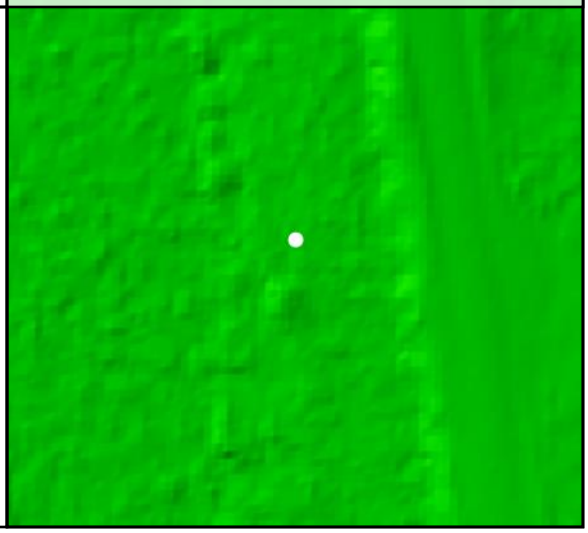


Project Elevation

497.53

16.77

DEM Surface



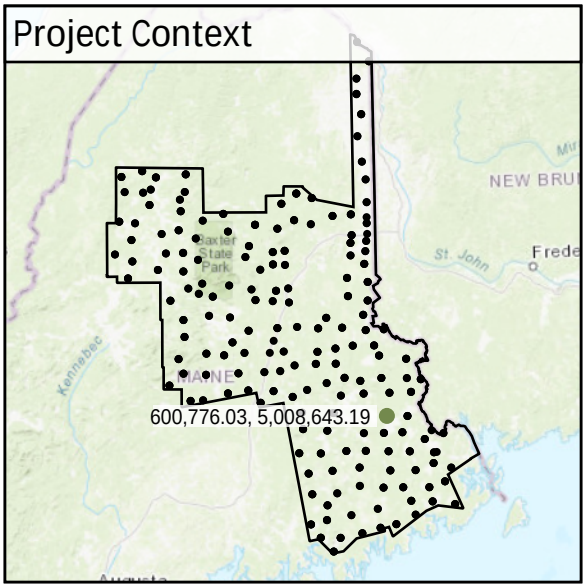
FO28

Known Z	68.82 m	Point Density	3.47 ppsm
DEM Dz	0.08 m	Ground Density	1.70 ppsm
All Points TIN Dz	N/A	Slope	3.41 °

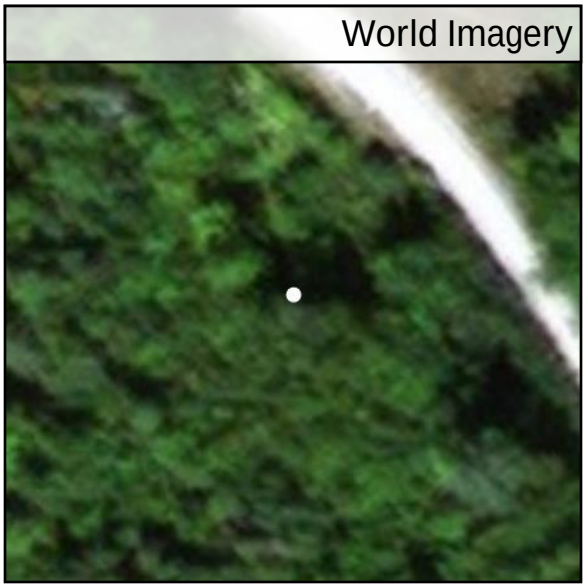
DEM Dz +0.08 m

VVA - FO28

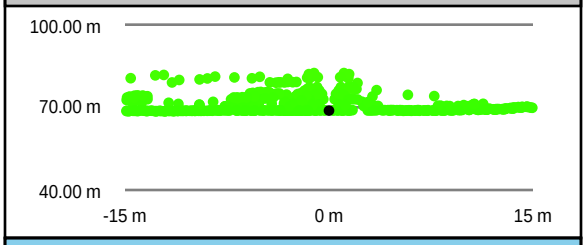
Project Context



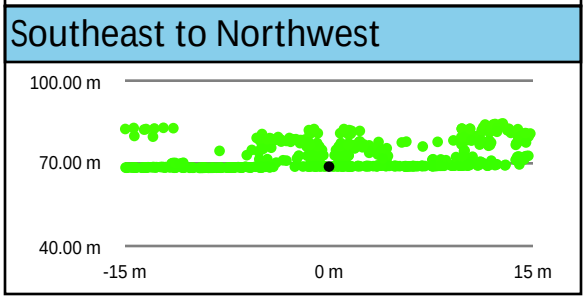
World Imagery



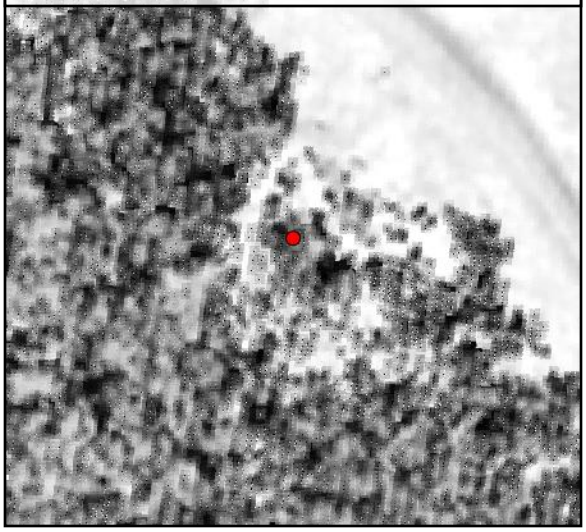
Southwest to Northeast



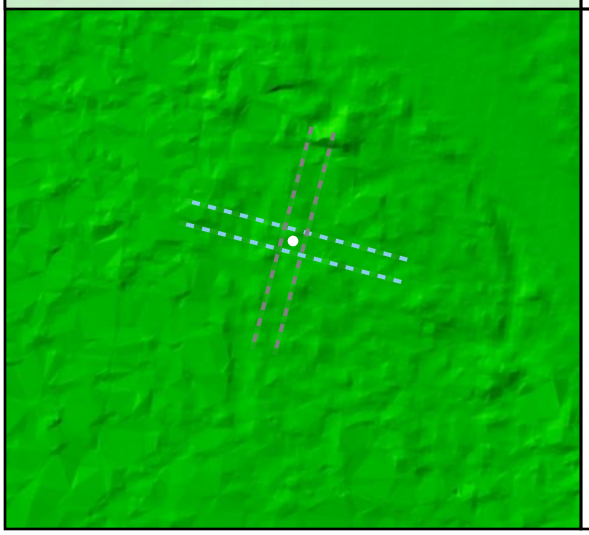
Southeast to Northwest



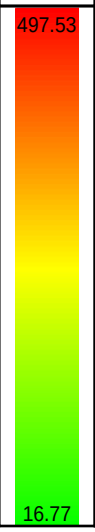
Intensity Raster



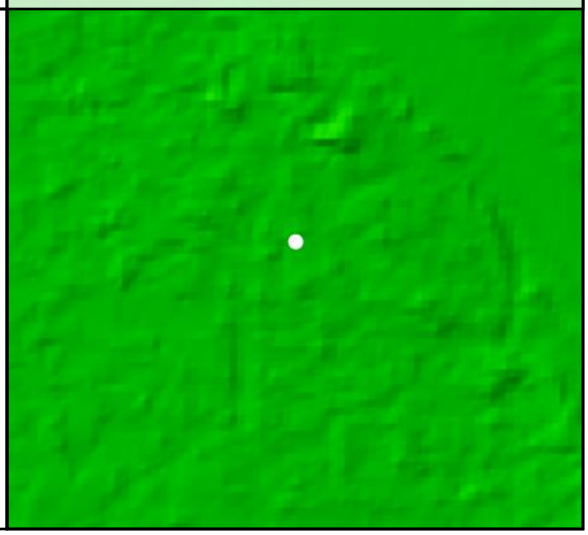
TIN Surface



Project Elevation



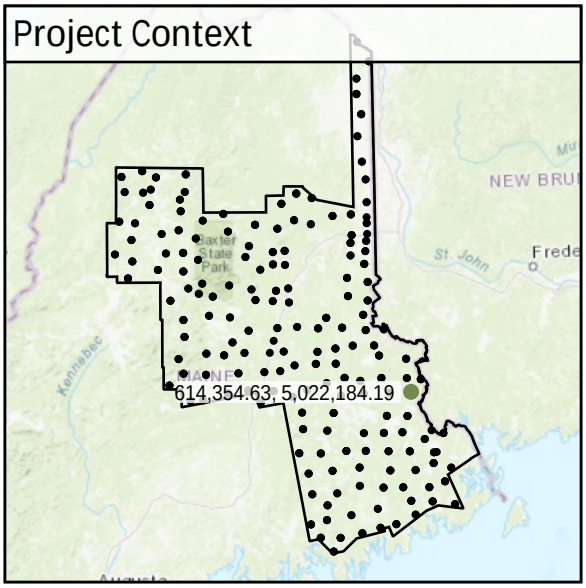
DEM Surface



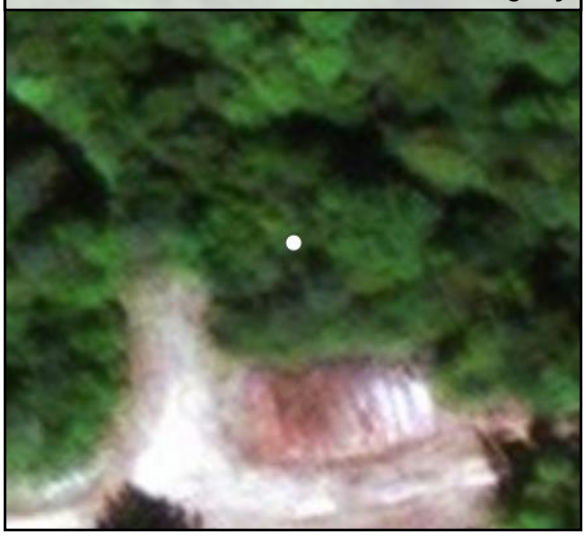
FO29

Known Z	103.46 m	Point Density	3.50 ppsm
DEM Dz	-0.14 m	Ground Density	0.00 ppsm
All Points TIN Dz	N/A	Slope	2.05 °

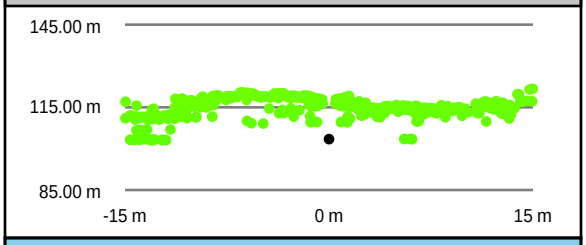
Project Context



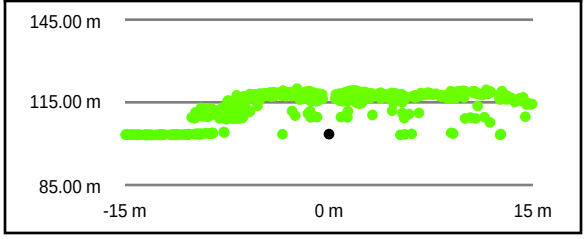
World Imagery



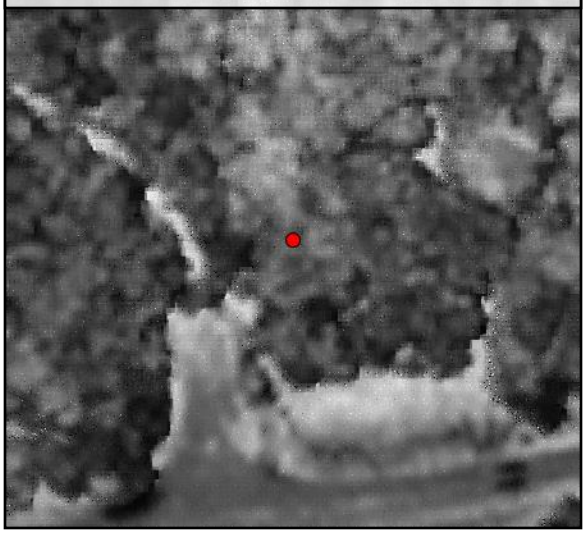
Southeast to Northwest



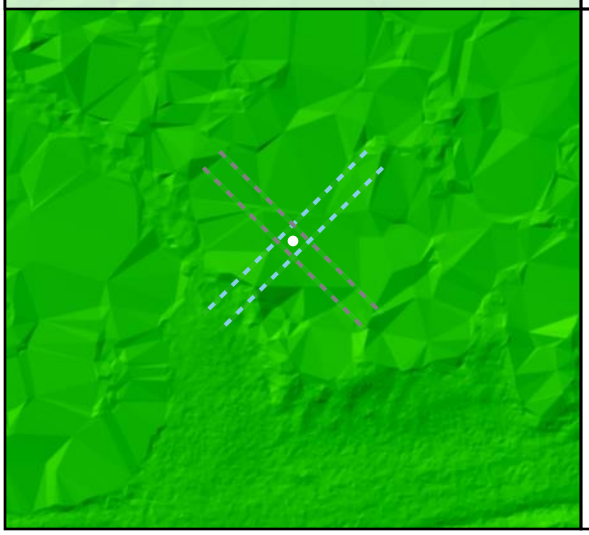
Southwest to Northeast



Intensity Raster

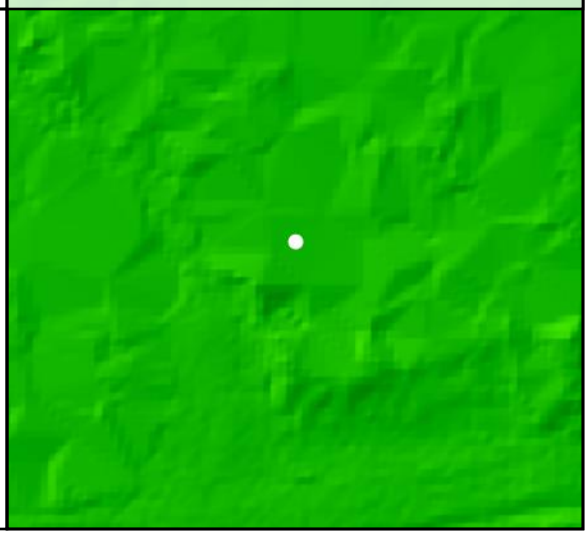


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.14 m

VVA - FO29

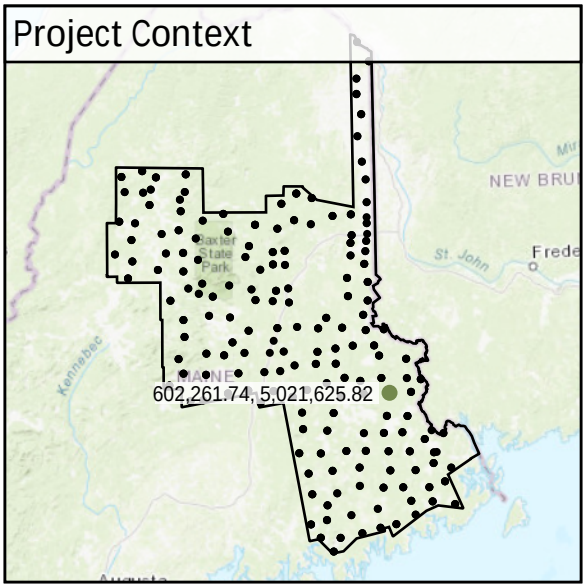
FO30

Known Z	106.74 m	Point Density	1.95 ppsm
DEM Dz	0.14 m	Ground Density	0.14 ppsm
All Points TIN Dz	N/A	Slope	1.55 °

DEM Dz +0.14 m

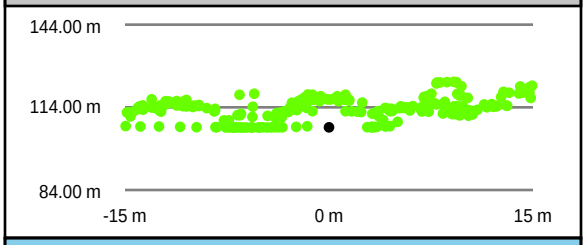
VVA - FO30

Project Context

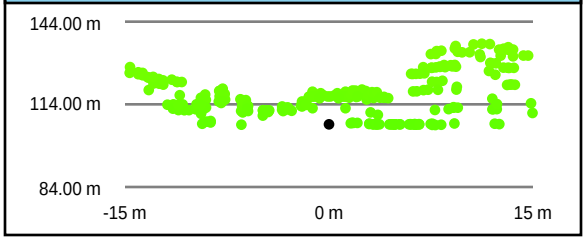


World Imagery

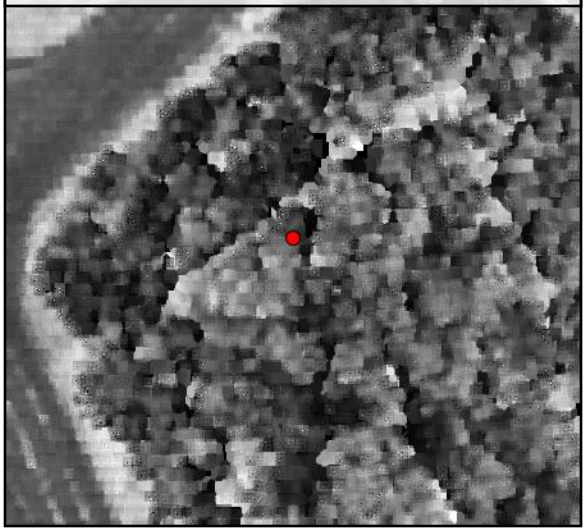
West to East



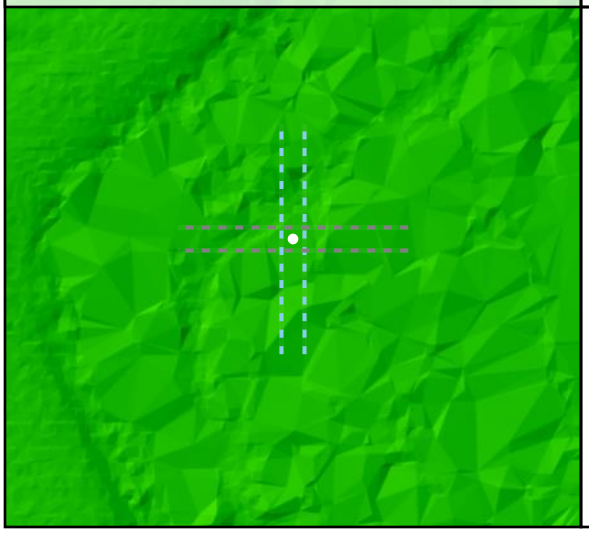
South to North



Intensity Raster

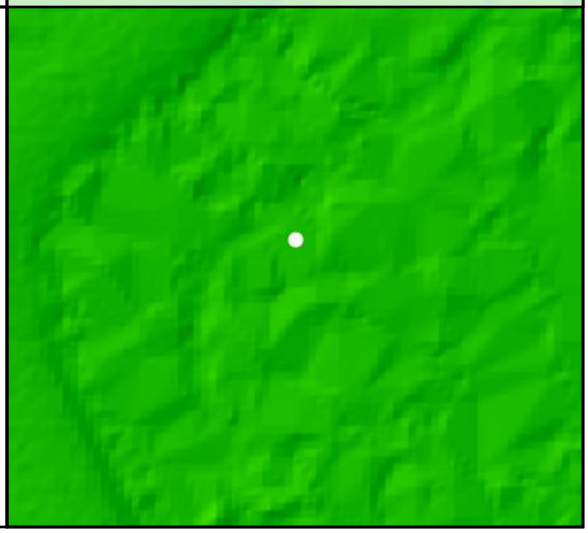


TIN Surface



Project Elevation

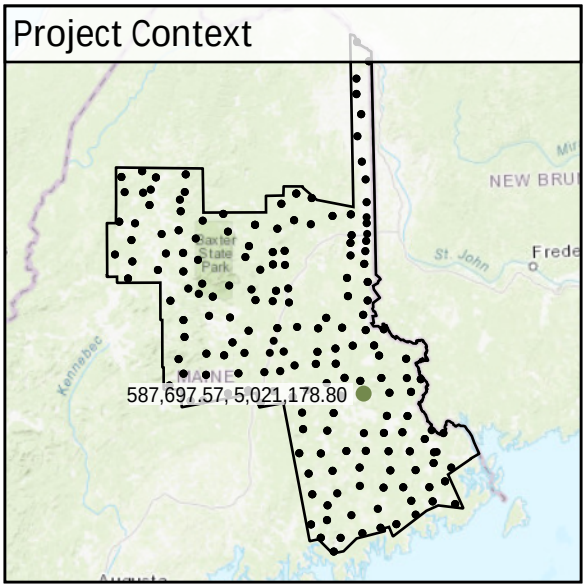
DEM Surface



FO31

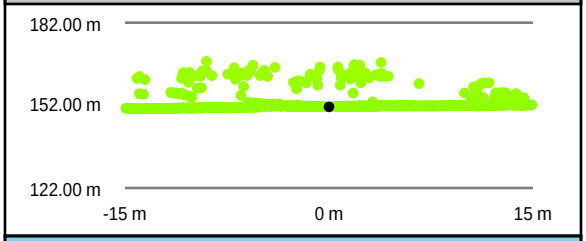
Known Z	151.45 m	Point Density	4.60 ppsm
DEM Dz	0.14 m	Ground Density	4.28 ppsm
All Points TIN Dz	N/A	Slope	1.61 °

Project Context

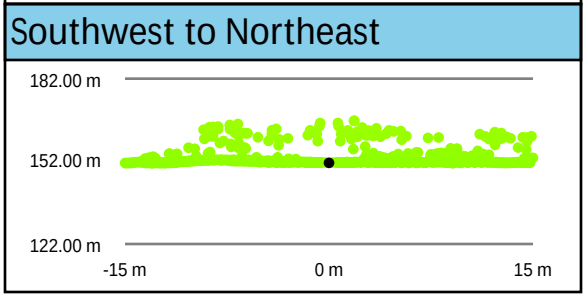


World Imagery

Southeast to Northwest

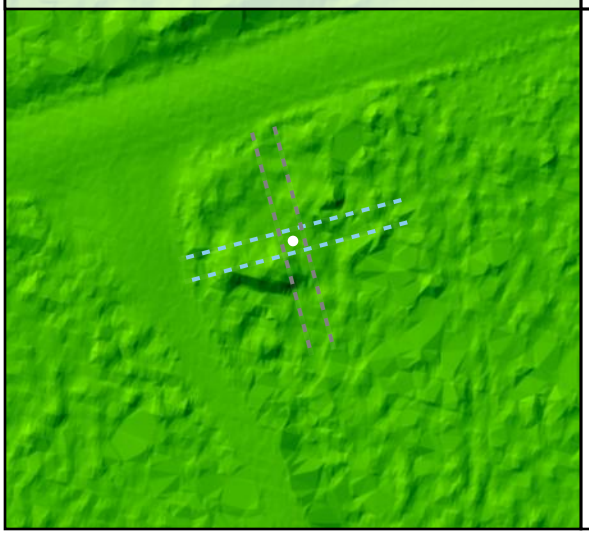


Southwest to Northeast



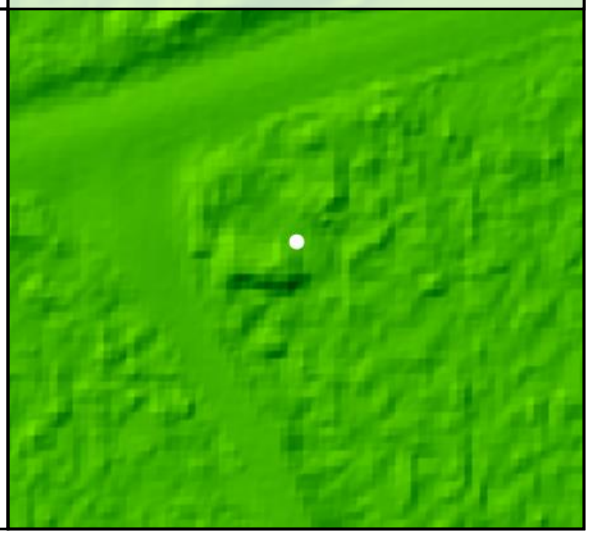
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



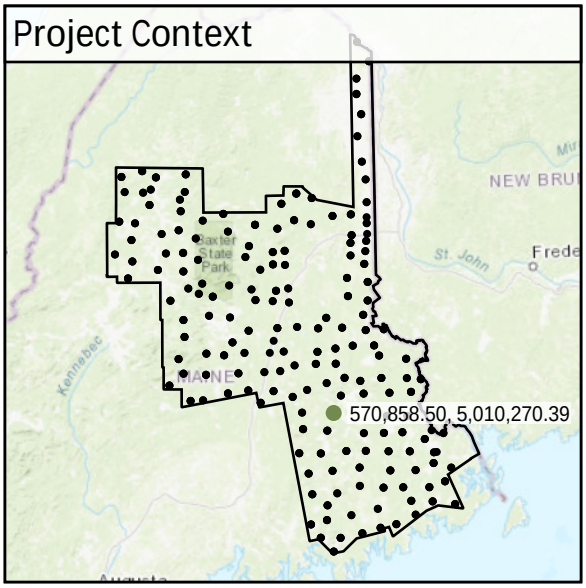
DEM Dz +0.14 m

VVA - FO31

FO32

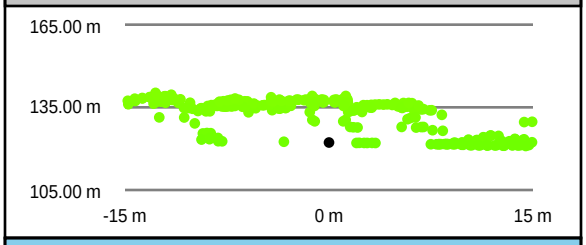
Known Z	122.23 m	Point Density	1.87 ppsm
DEM Dz	0.00 m	Ground Density	0.11 ppsm
All Points TIN Dz	N/A	Slope	4.76 °

Project Context

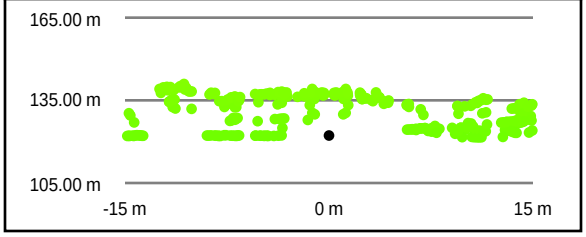


World Imagery

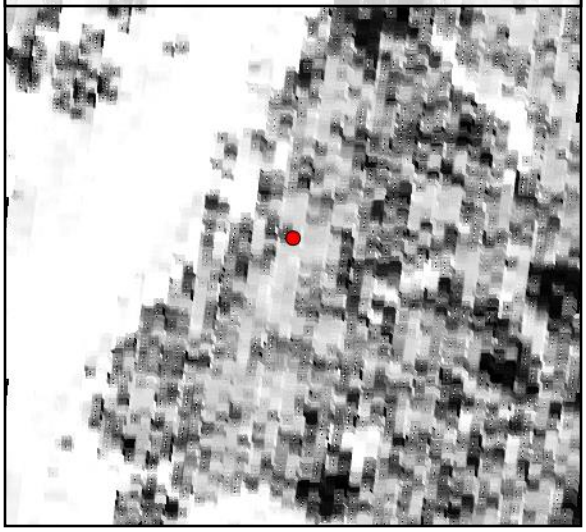
Southeast to Northwest



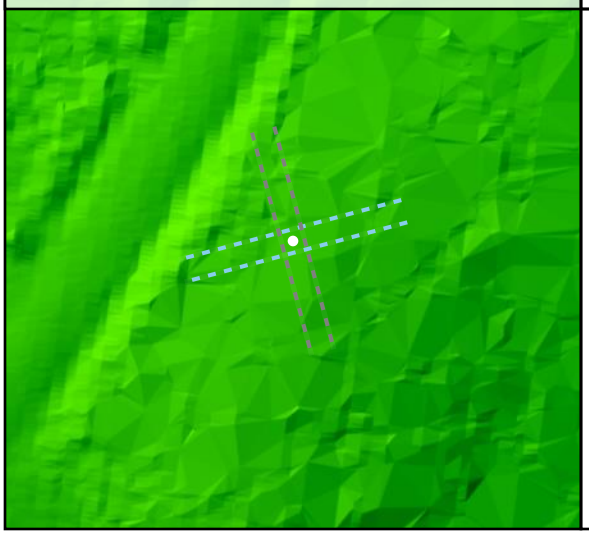
Southwest to Northeast



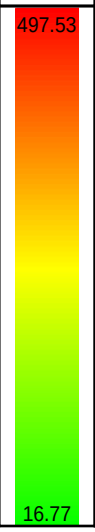
Intensity Raster



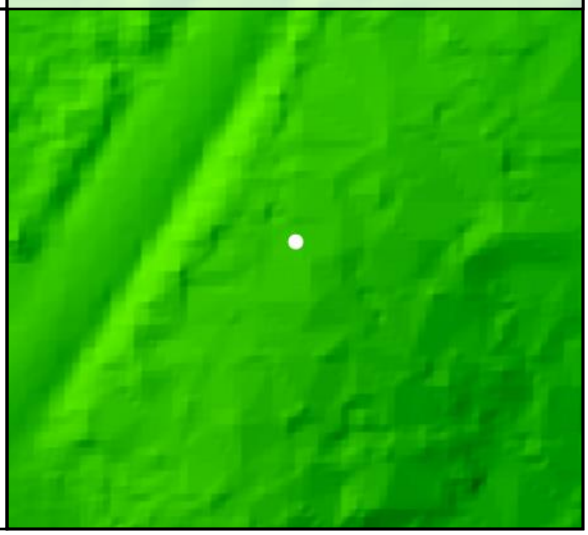
TIN Surface



Project Elevation



DEM Surface



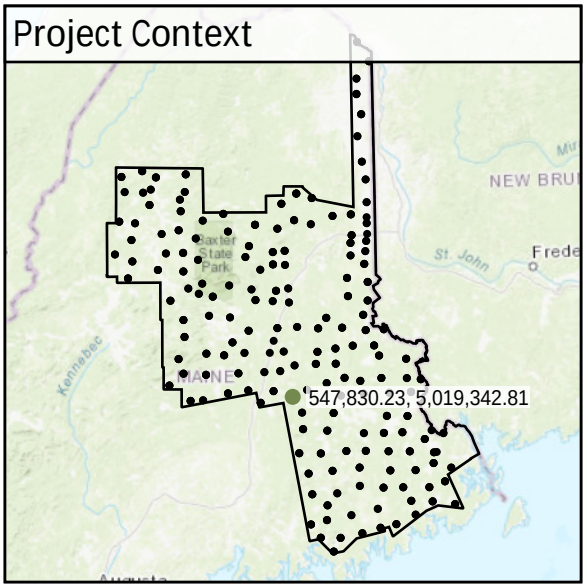
DEM Dz 0.00 m

VVA - FO32

FO33

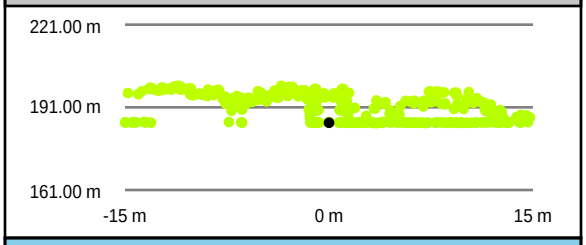
Known Z	185.41 m	Point Density	2.72 ppsm
DEM Dz	0.09 m	Ground Density	1.13 ppsm
All Points TIN Dz	N/A	Slope	1.25 °

Project Context

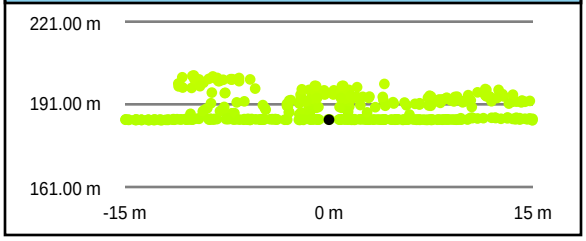


World Imagery

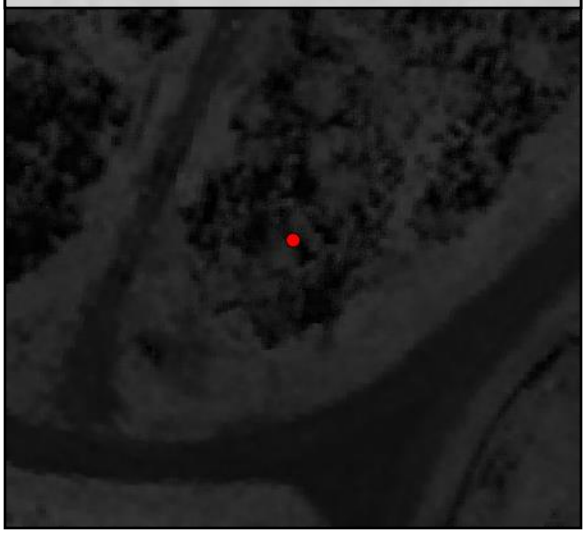
Southwest to Northeast



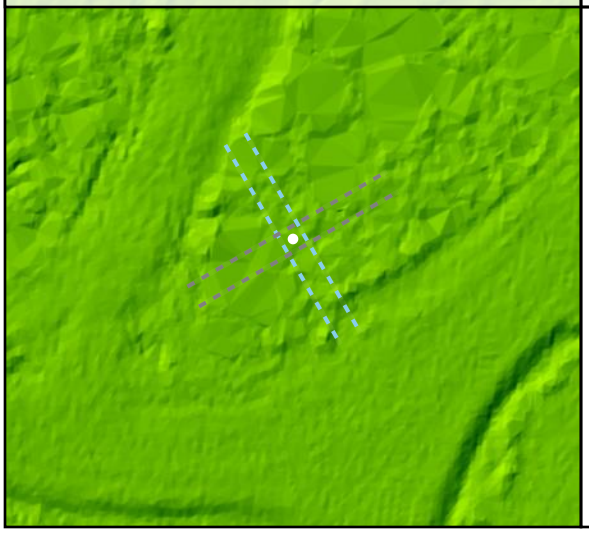
Southeast to Northwest



Intensity Raster

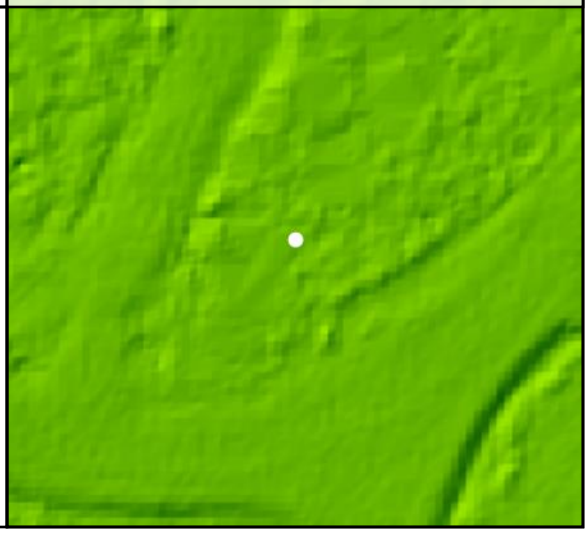


TIN Surface



Project Elevation

DEM Surface



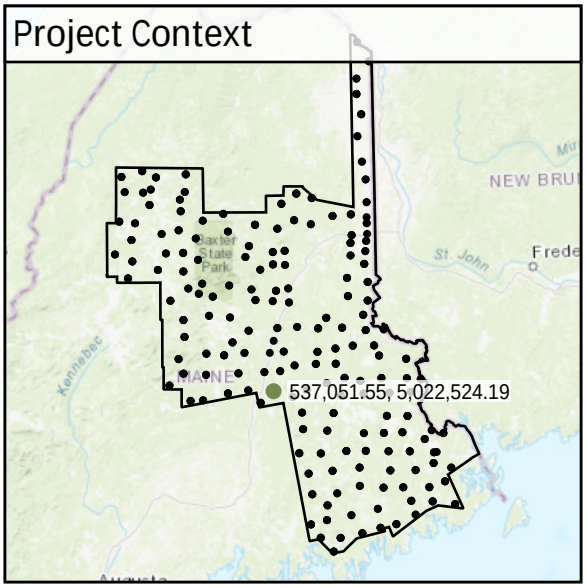
DEM Dz +0.09 m

VVA - FO33

FO34

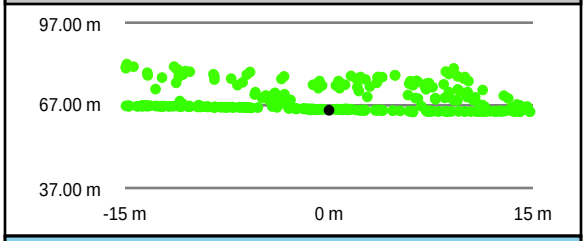
Known Z	65.21 m	Point Density	2.23 ppsm
DEM Dz	0.32 m	Ground Density	2.19 ppsm
All Points TIN Dz	N/A	Slope	7.80 °

Project Context

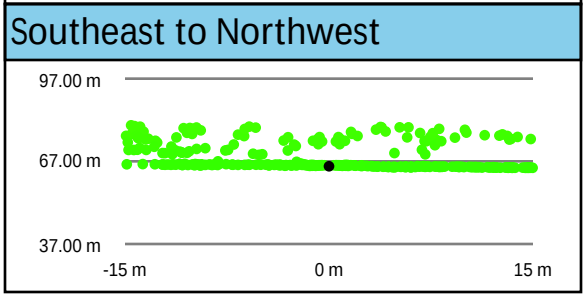


World Imagery

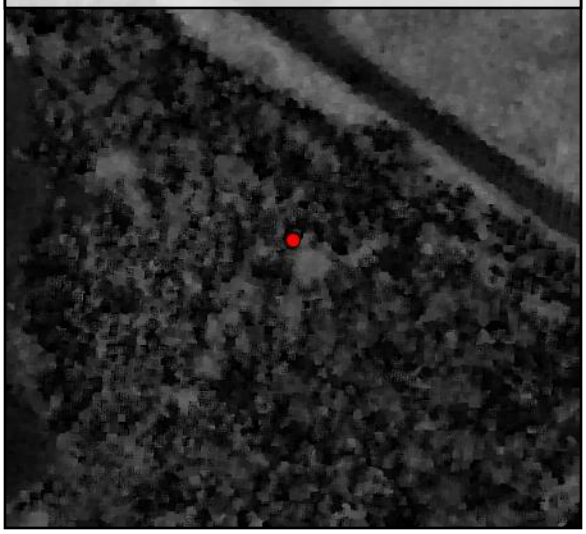
Southwest to Northeast



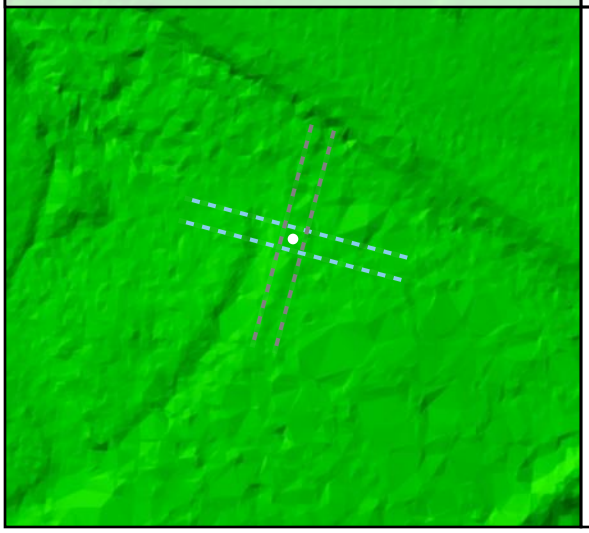
Southeast to Northwest



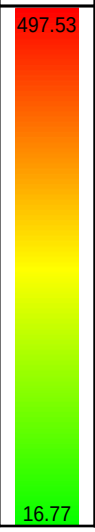
Intensity Raster



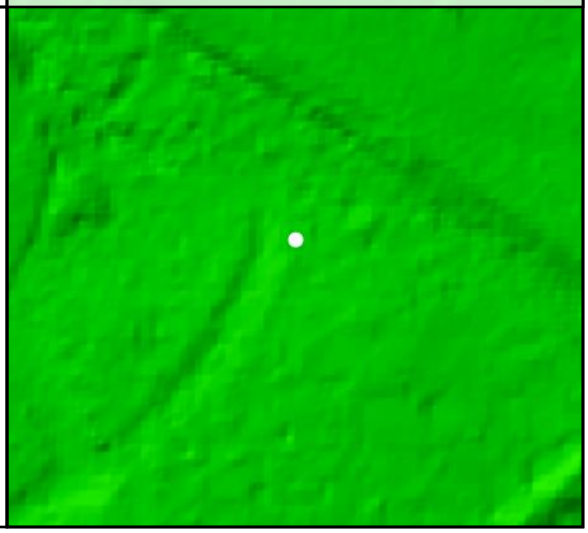
TIN Surface



Project Elevation



DEM Surface



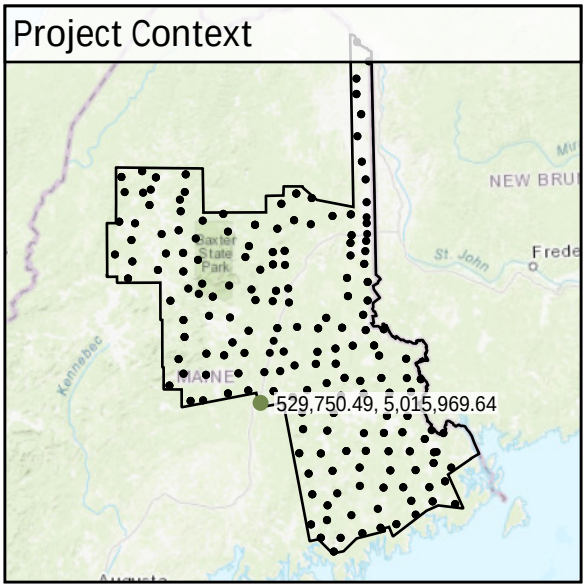
DEM Dz +0.32 m

VVA - FO34

FO35

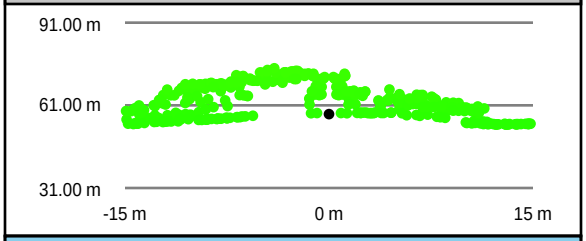
Known Z	57.81 m	Point Density	2.30 ppsm
DEM Dz	0.27 m	Ground Density	0.46 ppsm
All Points TIN Dz	N/A	Slope	7.38 °

Project Context

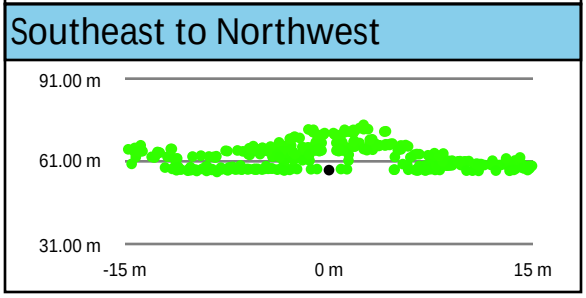


World Imagery

Southwest to Northeast

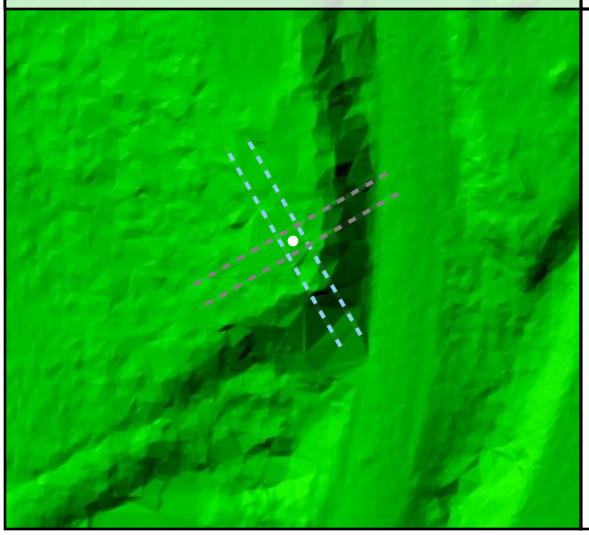


Southeast to Northwest

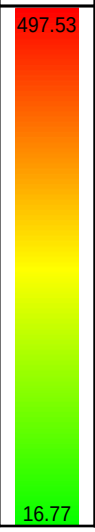


Intensity Raster

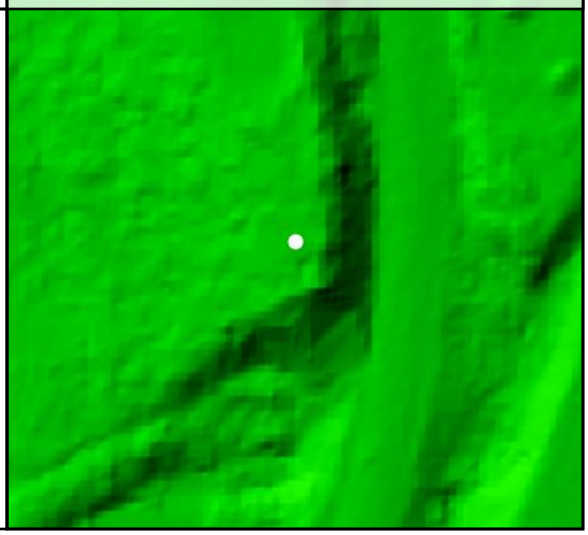
TIN Surface



Project Elevation



DEM Surface



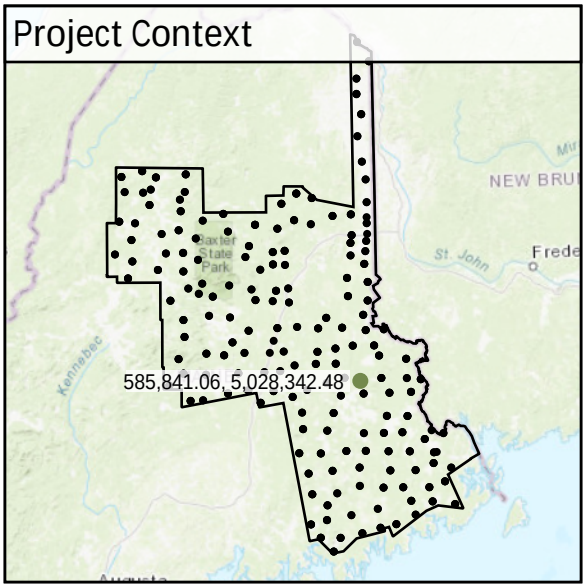
DEM Dz +0.27 m

VVA - FO35

FO36

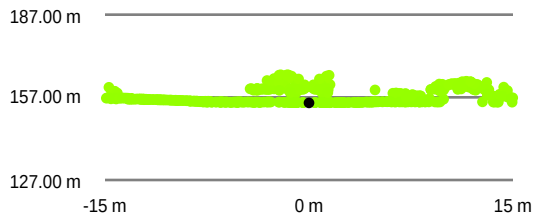
Known Z	154.98 m	Point Density	4.31 ppsm
DEM Dz	0.15 m	Ground Density	2.48 ppsm
All Points TIN Dz	N/A	Slope	1.55 °

Project Context

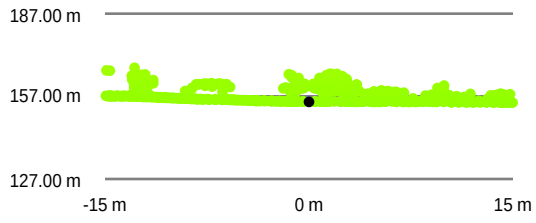


World Imagery

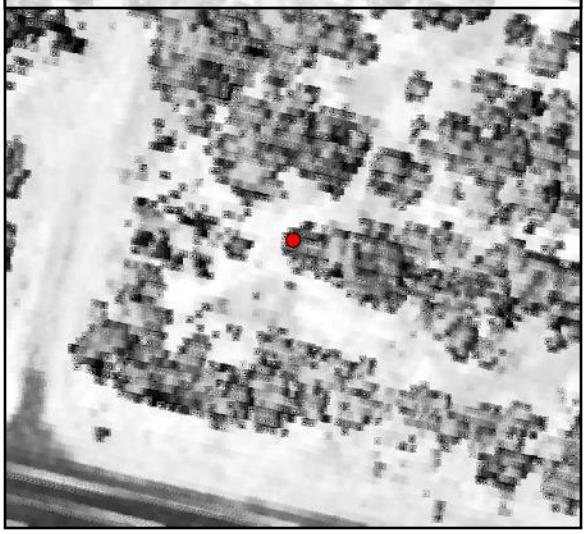
Southeast to Northwest



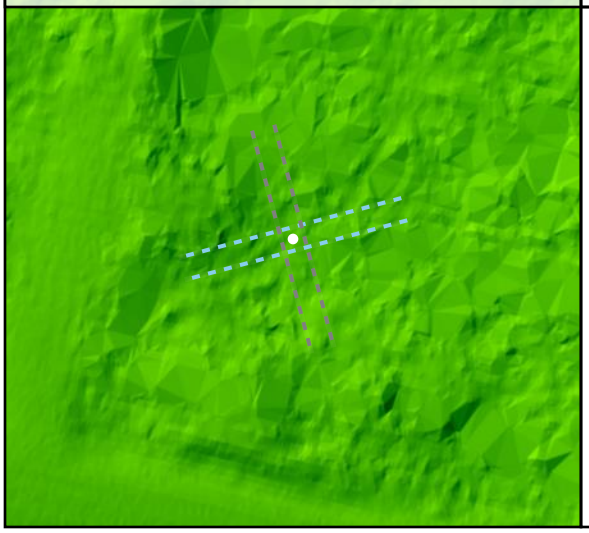
Southwest to Northeast



Intensity Raster

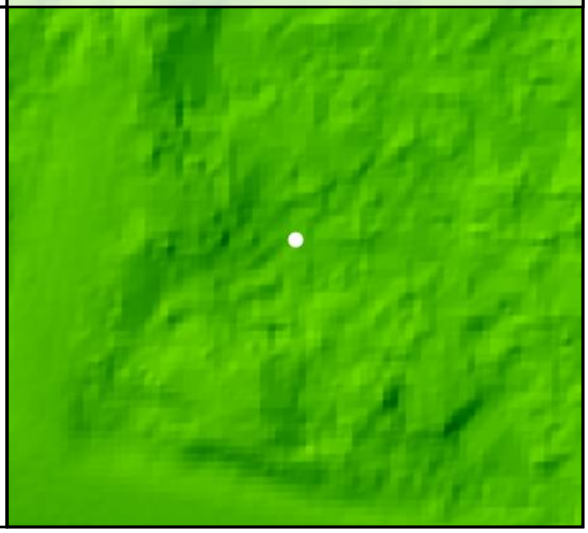


TIN Surface



Project Elevation

DEM Surface



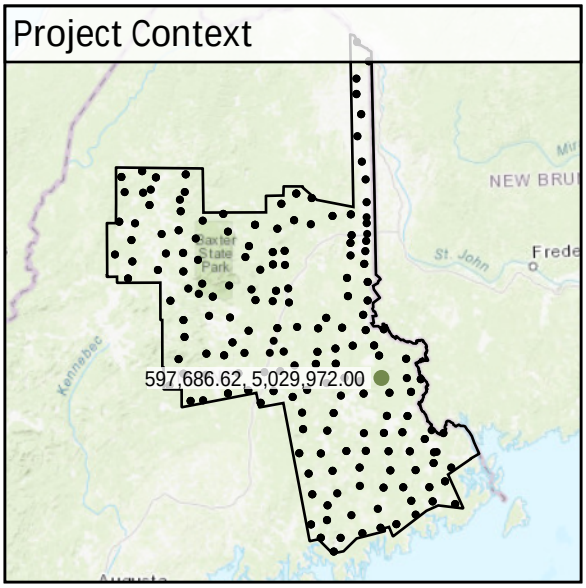
DEM Dz +0.15 m

VVA - FO36

FO37

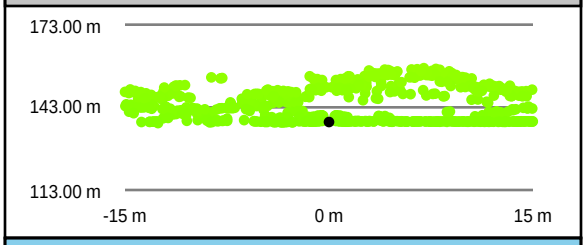
Known Z	137.67 m	Point Density	3.64 ppsm
DEM Dz	0.23 m	Ground Density	1.87 ppsm
All Points TIN Dz	N/A	Slope	4.79 °

Project Context

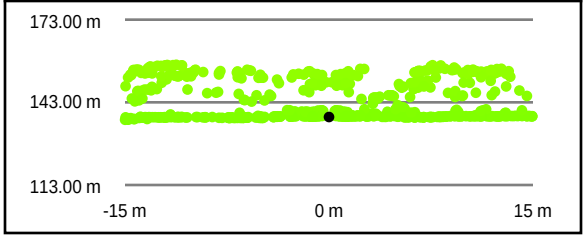


World Imagery

Southwest to Northeast

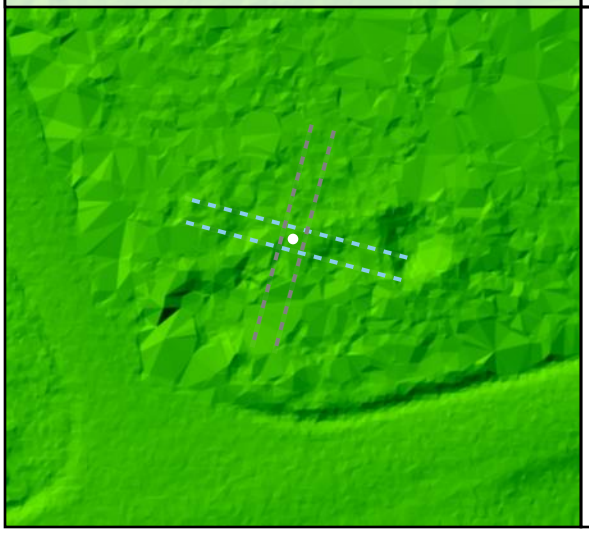


Southeast to Northwest



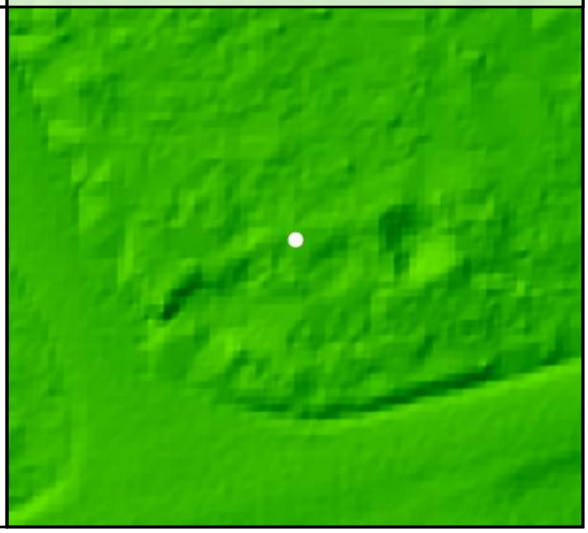
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



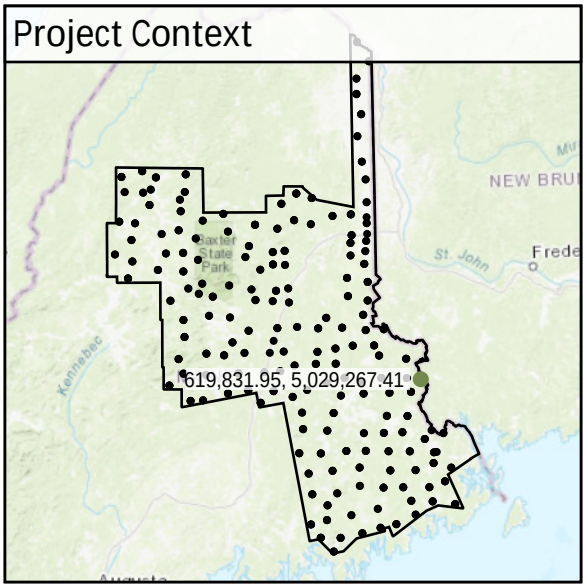
DEM Dz +0.23 m

VVA - FO37

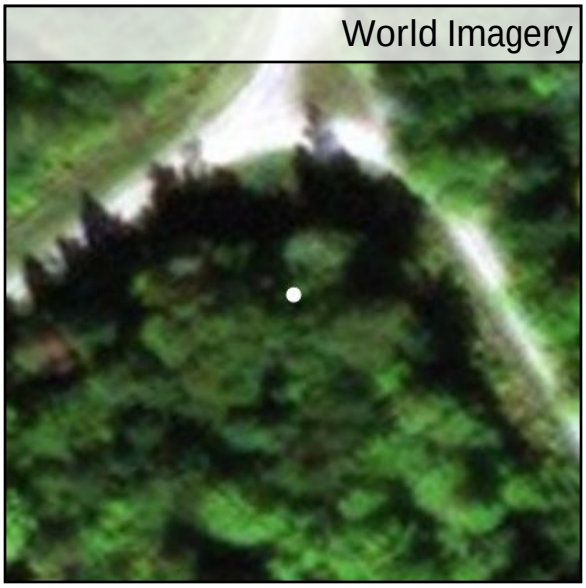
FO38

Known Z	94.52 m	Point Density	2.37 ppsm
DEM Dz	0.27 m	Ground Density	0.00 ppsm
All Points TIN Dz	N/A	Slope	5.44 °

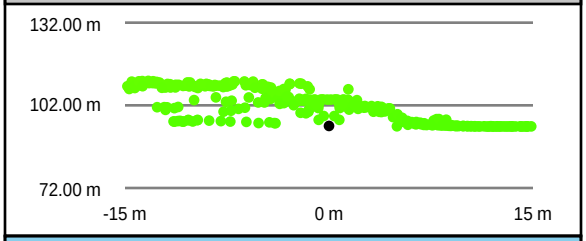
Project Context



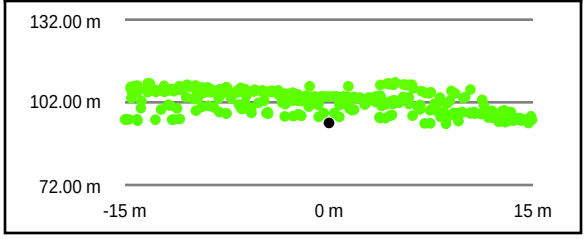
World Imagery



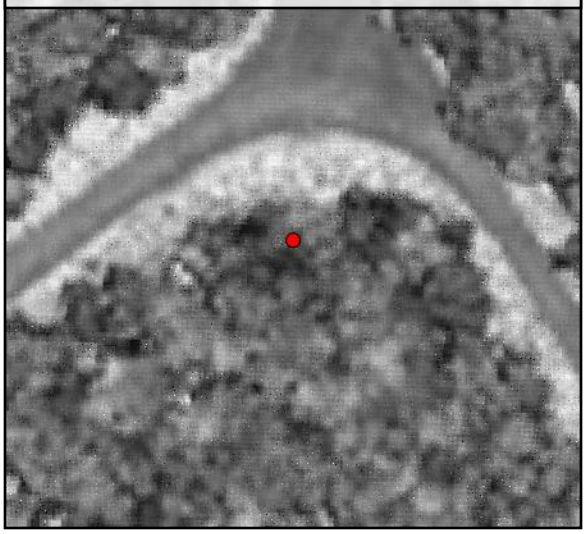
Southwest to Northeast



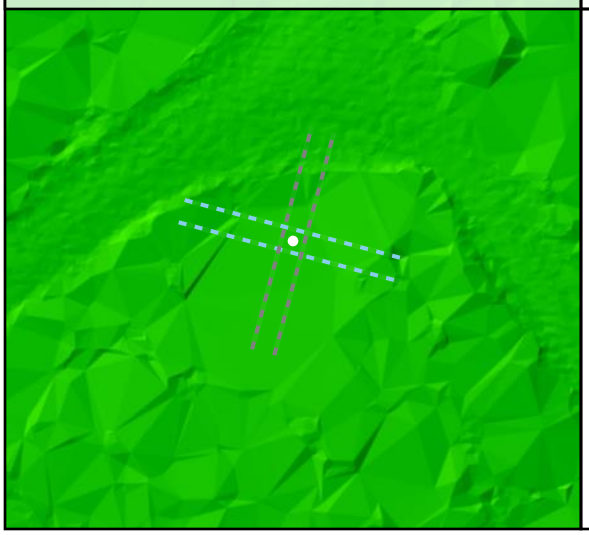
Southeast to Northwest



Intensity Raster

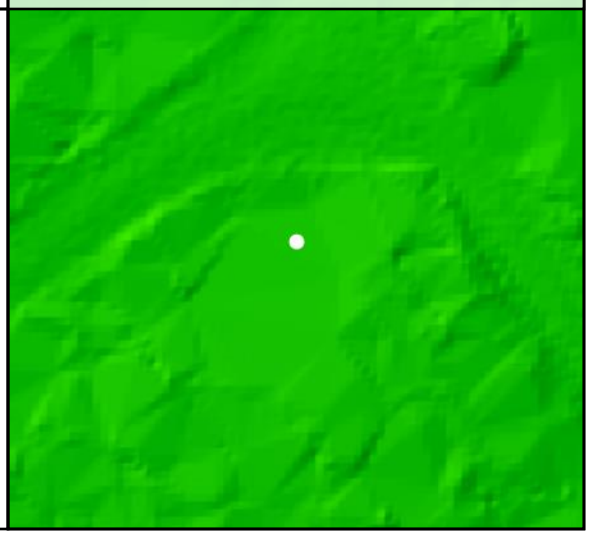


TIN Surface



Project Elevation

DEM Surface



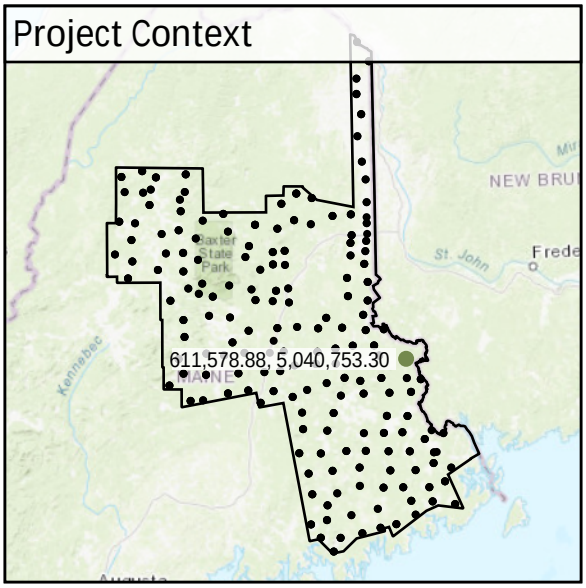
DEM Dz +0.27 m

VVA - FO38

FO39

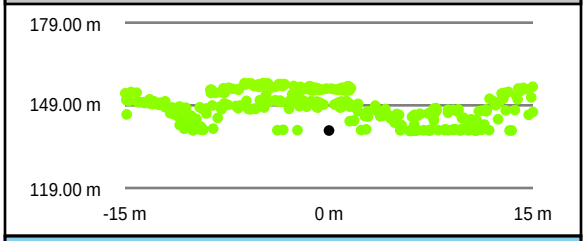
Known Z	139.86 m	Point Density	2.48 ppsm
DEM Dz	0.19 m	Ground Density	0.04 ppsm
All Points TIN Dz	N/A	Slope	4.72 °

Project Context

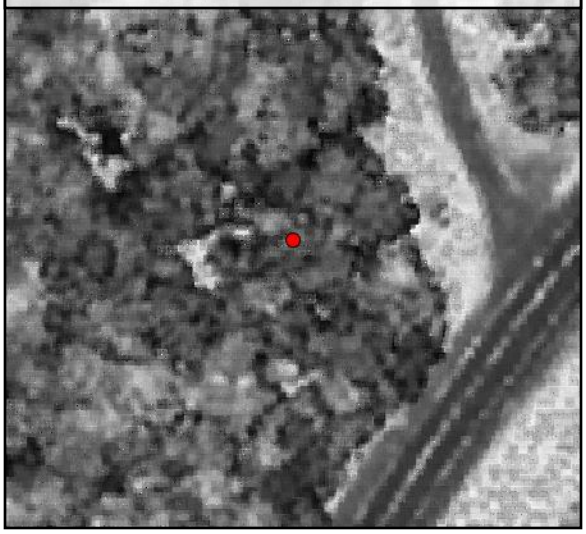


World Imagery

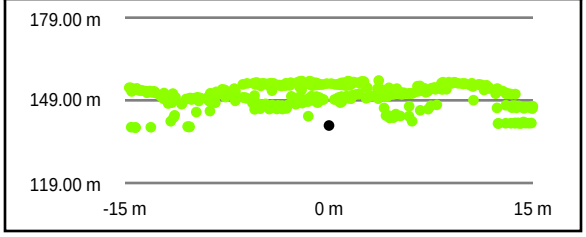
Southeast to Northwest



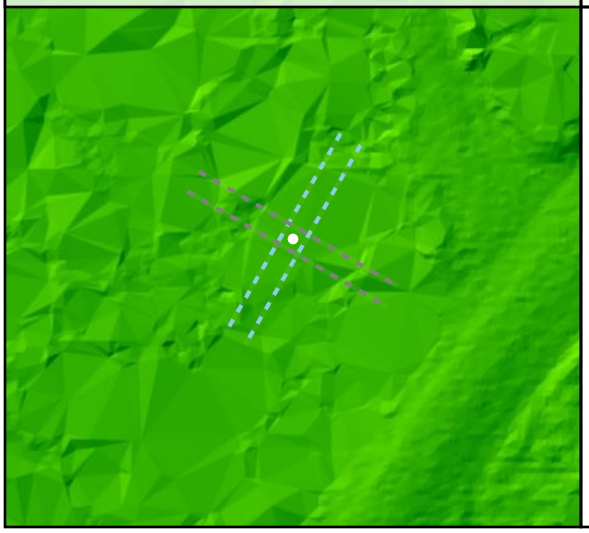
Intensity Raster



Southwest to Northeast

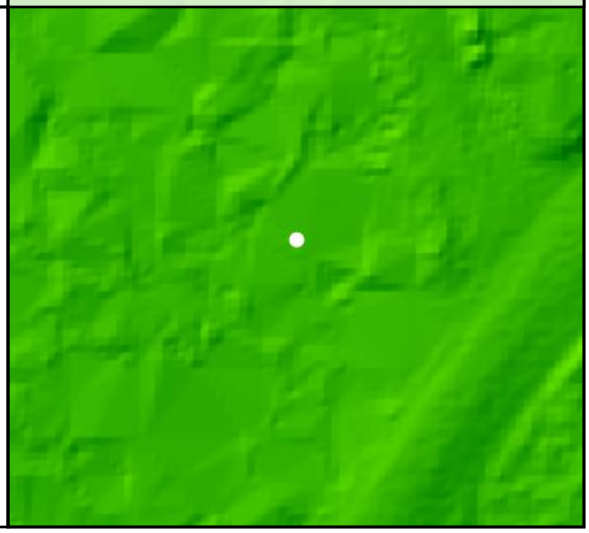


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.19 m

VVA - FO39

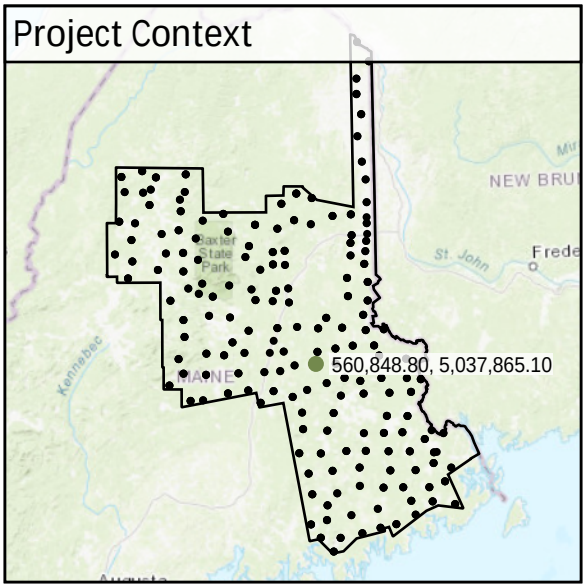
FO40

Known Z	119.74 m	Point Density	1.63 ppsm
DEM Dz	0.16 m	Ground Density	0.04 ppsm
All Points TIN Dz	N/A	Slope	5.82 °

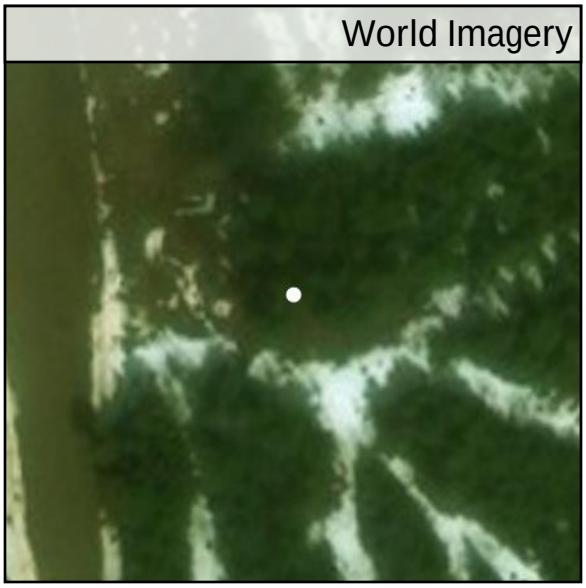
DEM Dz +0.16 m

VVA - FO40

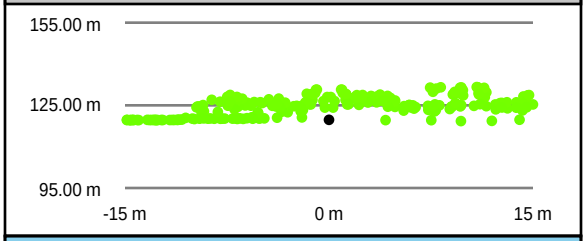
Project Context



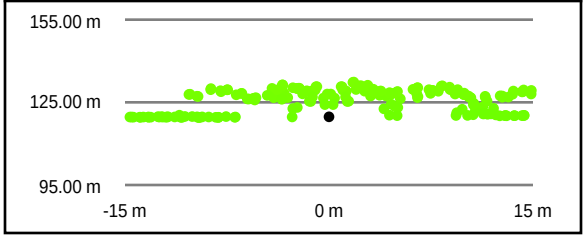
World Imagery



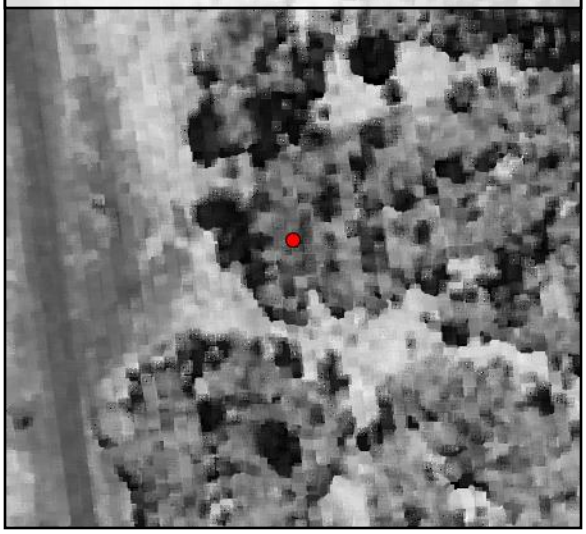
Southwest to Northeast



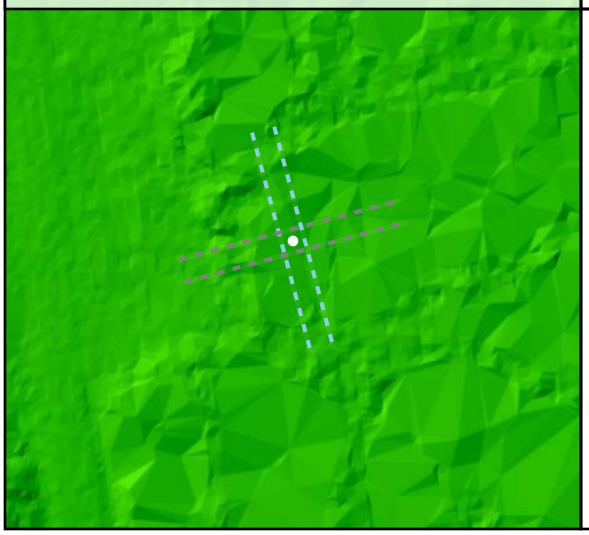
Southeast to Northwest



Intensity Raster

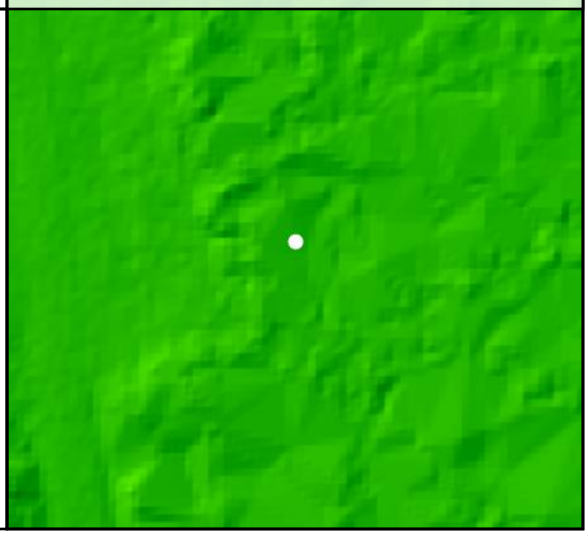


TIN Surface



Project Elevation

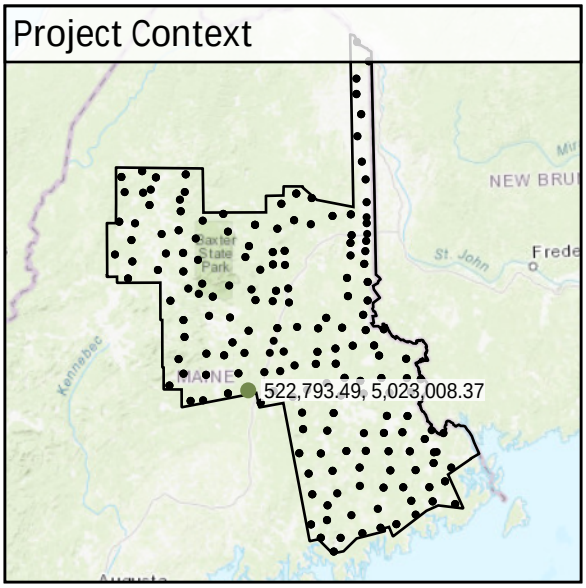
DEM Surface



FO42

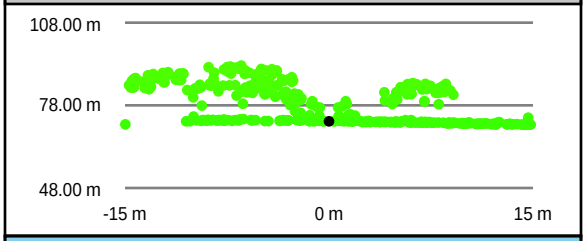
Known Z	72.19 m	Point Density	2.19 ppsm
DEM Dz	0.09 m	Ground Density	1.45 ppsm
All Points TIN Dz	N/A	Slope	8.65 °

Project Context

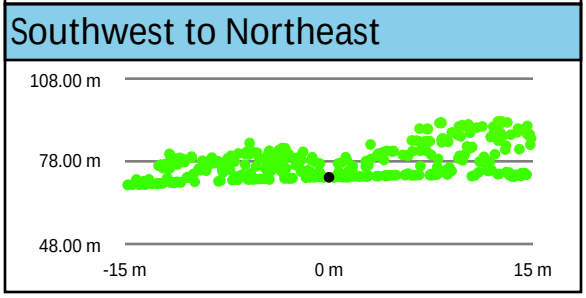


World Imagery

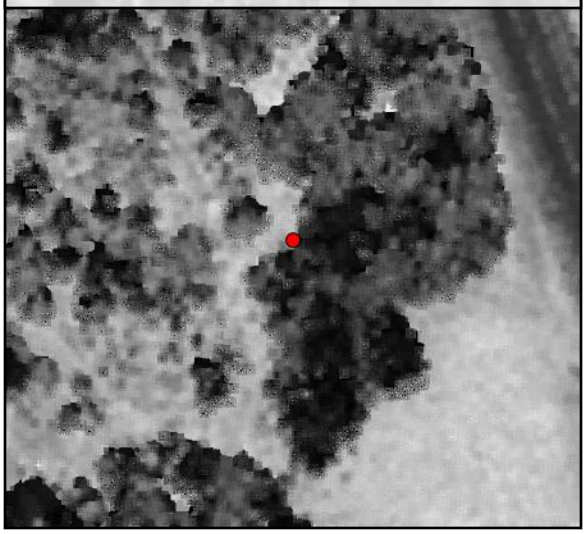
Southeast to Northwest



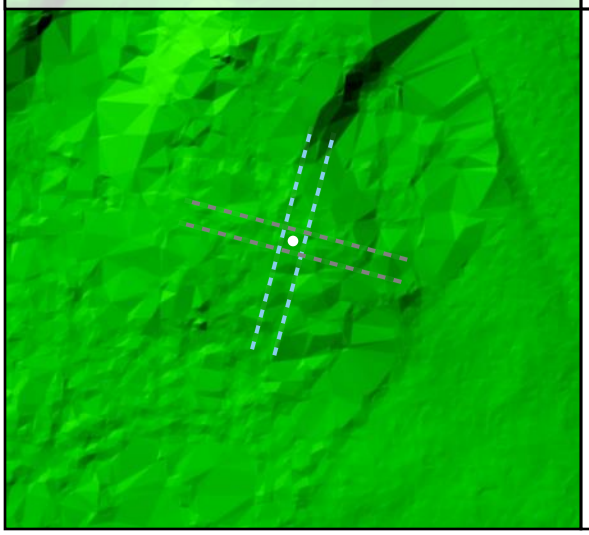
Southwest to Northeast



Intensity Raster

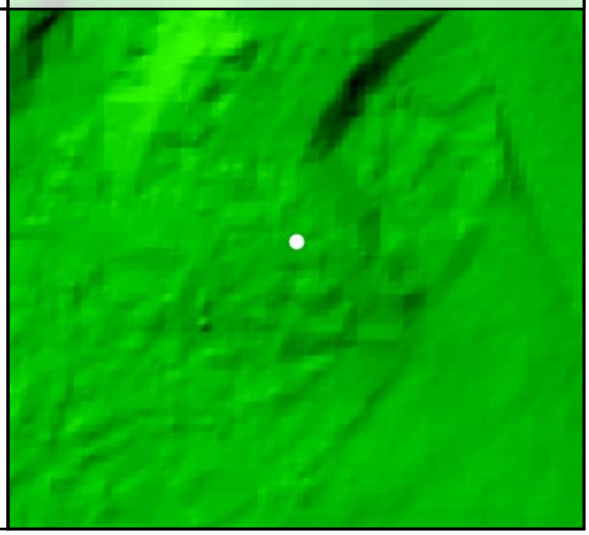


TIN Surface



Project Elevation

DEM Surface



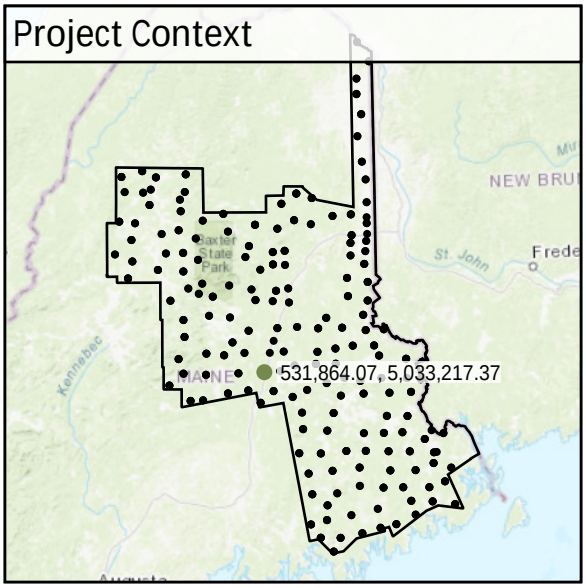
DEM Dz +0.09 m

VVA - FO42

FO43

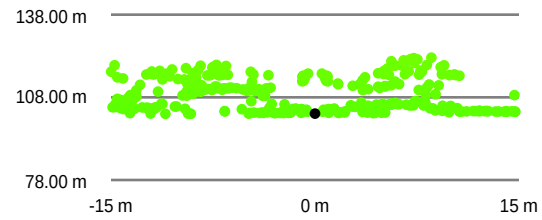
Known Z	102.09 m	Point Density	1.45 ppsm
DEM Dz	0.23 m	Ground Density	0.04 ppsm
All Points TIN Dz	N/A	Slope	2.08 °

Project Context

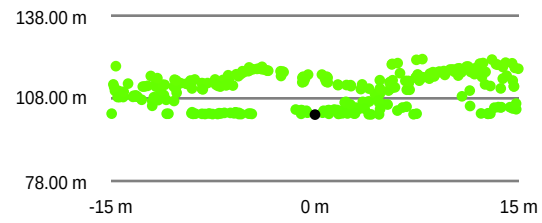


World Imagery

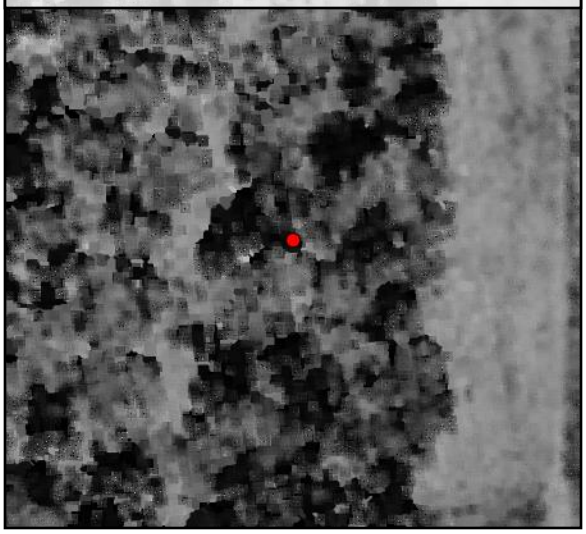
Southeast to Northwest



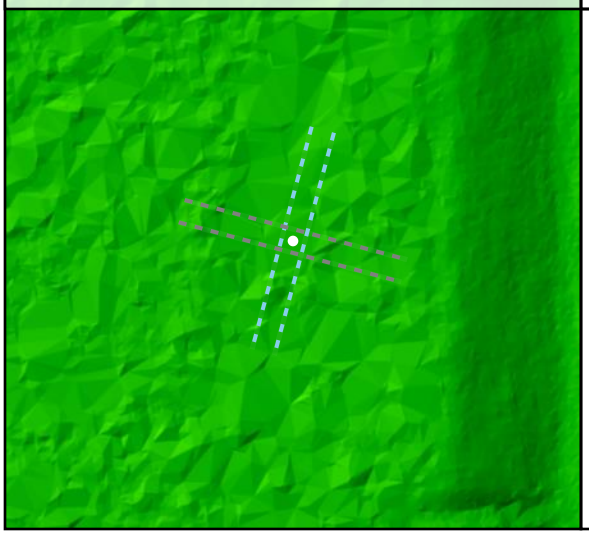
Southwest to Northeast



Intensity Raster

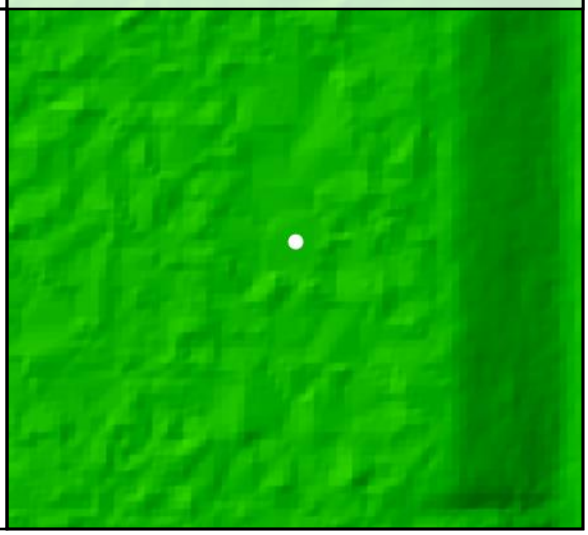


TIN Surface



Project Elevation

DEM Surface



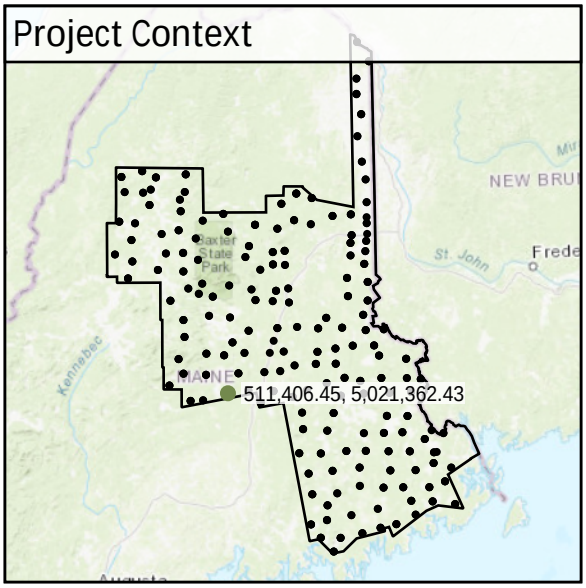
DEM Dz +0.23 m

VVA - FO43

FO44

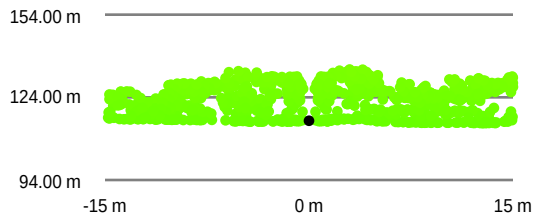
Known Z	115.50 m	Point Density	2.62 ppsm
DEM Dz	0.10 m	Ground Density	1.49 ppsm
All Points TIN Dz	N/A	Slope	15.91 °

Project Context

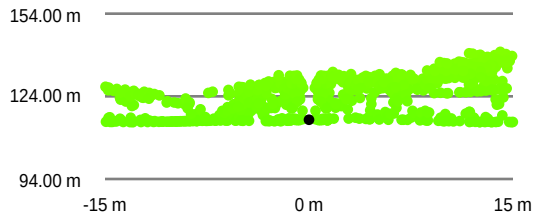


World Imagery

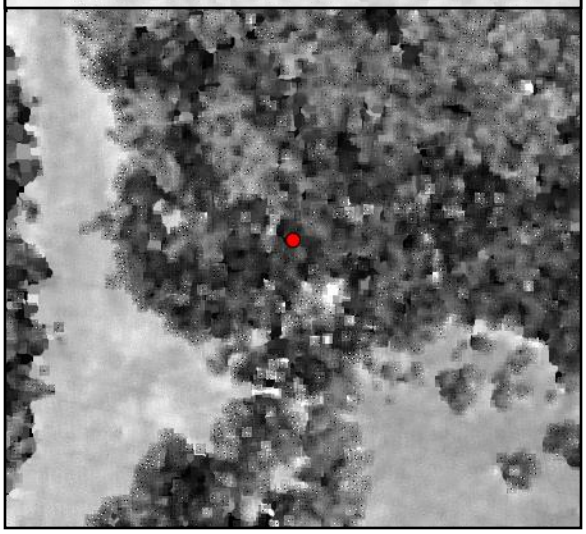
Southwest to Northeast



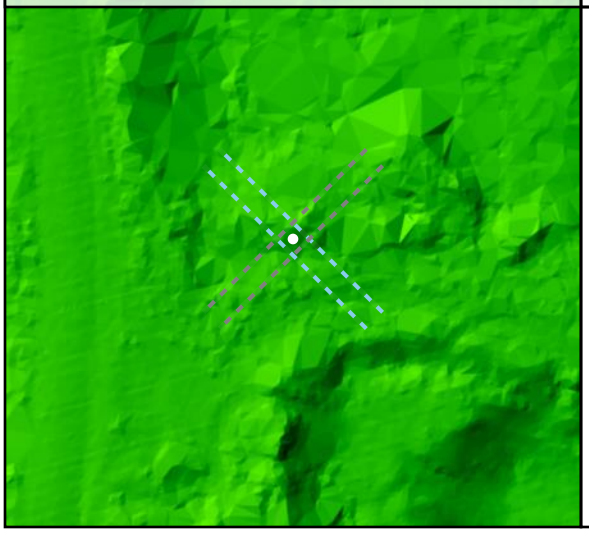
Southeast to Northwest



Intensity Raster

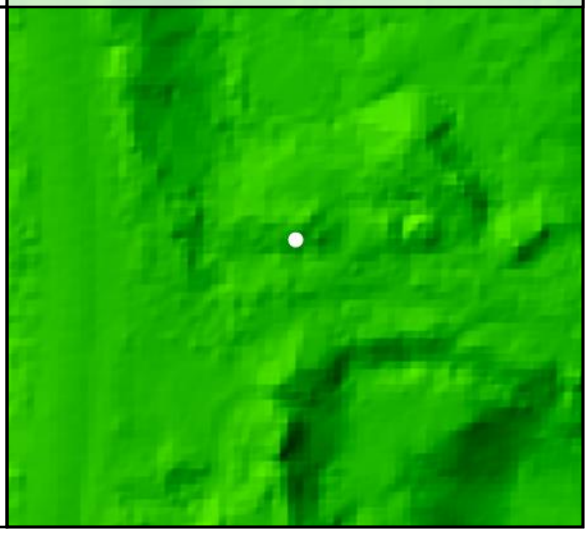


TIN Surface



Project Elevation

DEM Surface



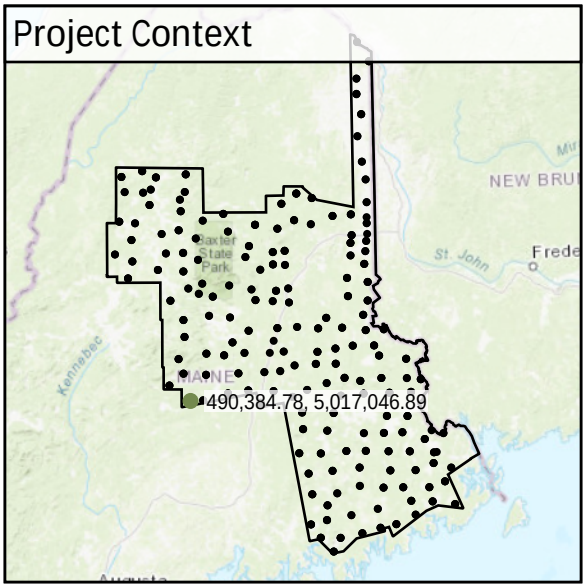
DEM Dz +0.10 m

VVA - FO44

FO45

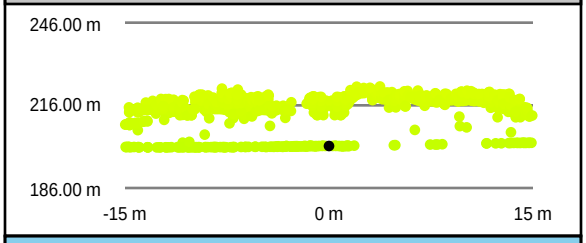
Known Z	201.24 m	Point Density	2.86 ppsm
DEM Dz	0.04 m	Ground Density	1.73 ppsm
All Points TIN Dz	N/A	Slope	5.09 °

Project Context

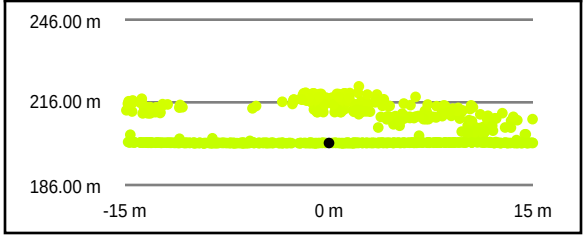


World Imagery

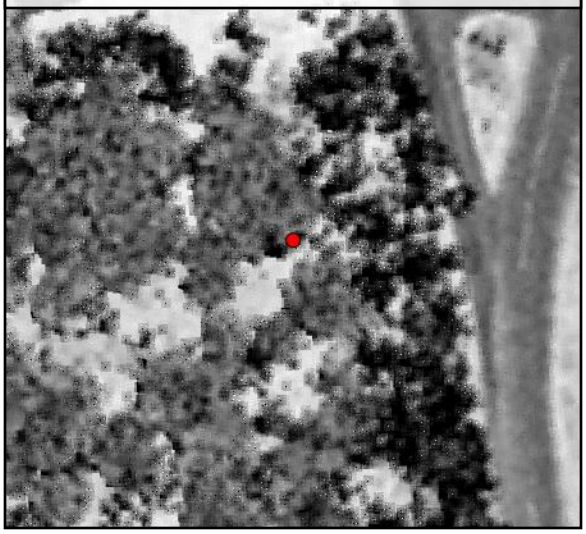
Southeast to Northwest



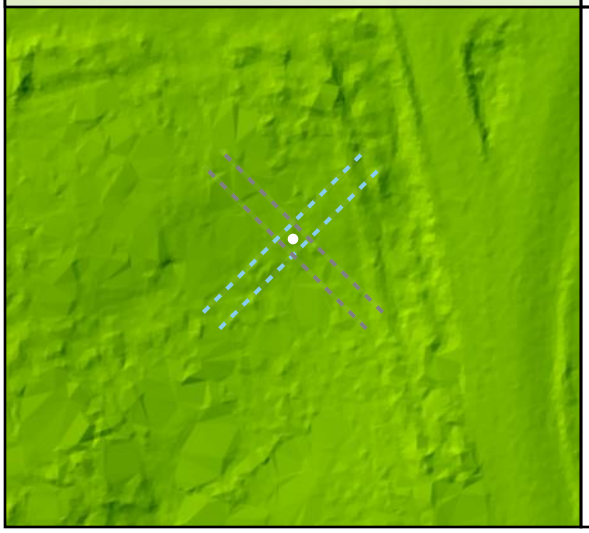
Southwest to Northeast



Intensity Raster

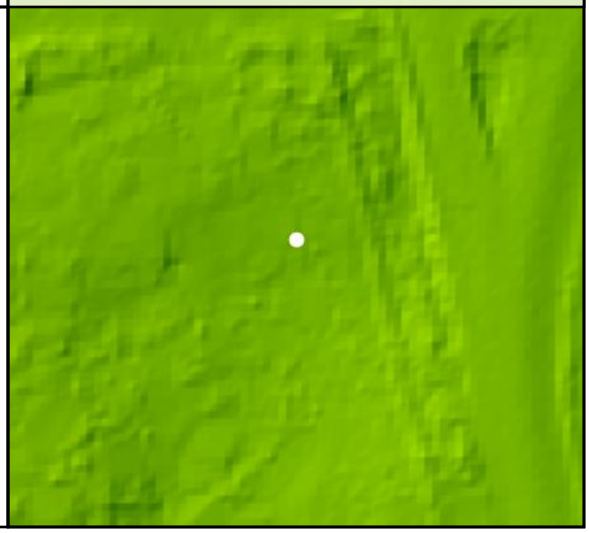


TIN Surface



Project Elevation

DEM Surface



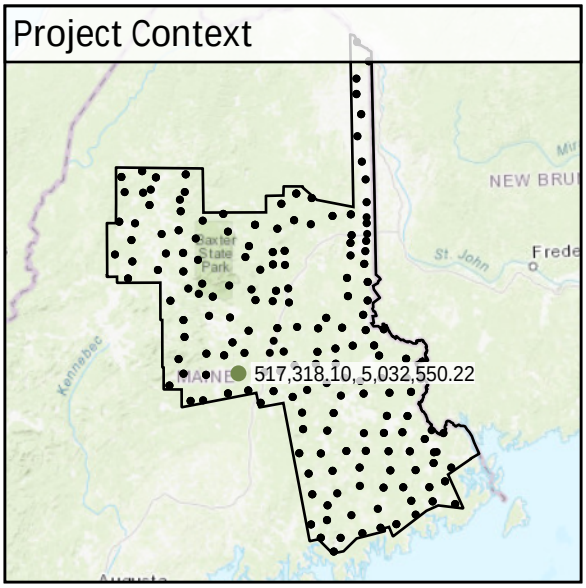
DEM Dz +0.04 m

VVA - FO45

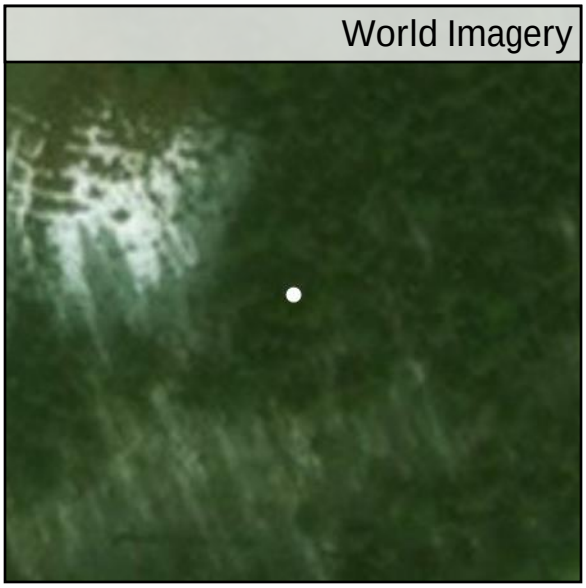
FO46

Known Z	171.91 m	Point Density	2.97 ppsm
DEM Dz	0.07 m	Ground Density	0.95 ppsm
All Points TIN Dz	N/A	Slope	2.84 °

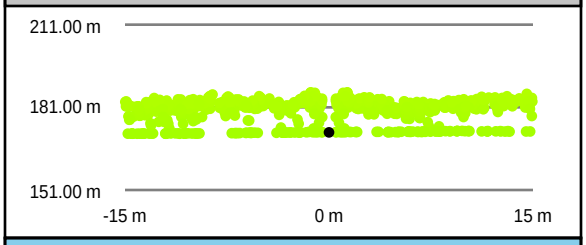
Project Context



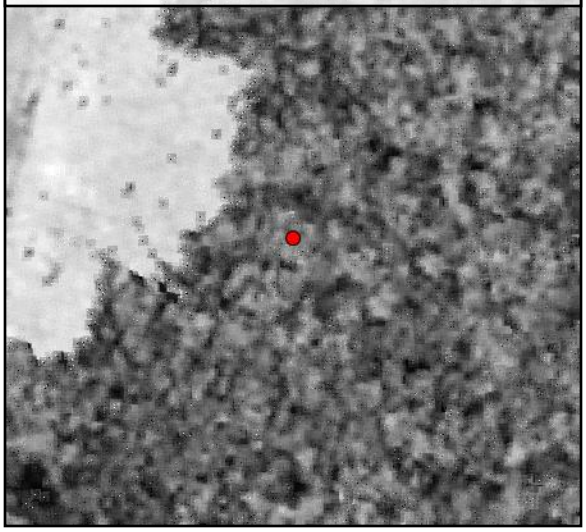
World Imagery



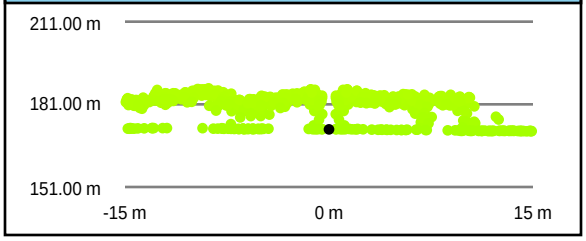
Southwest to Northeast



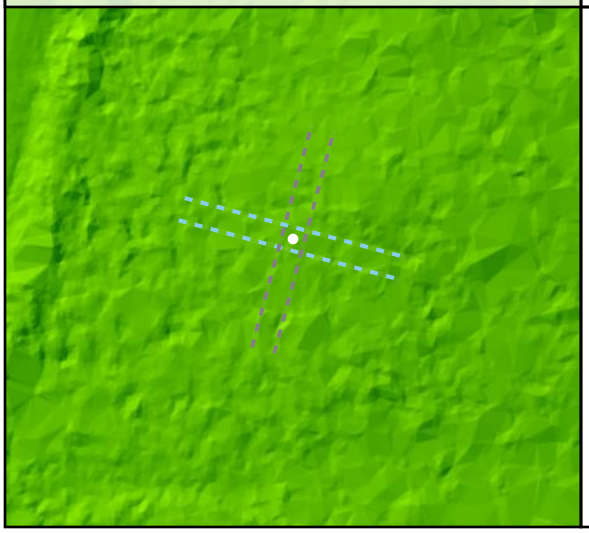
Intensity Raster



Southeast to Northwest

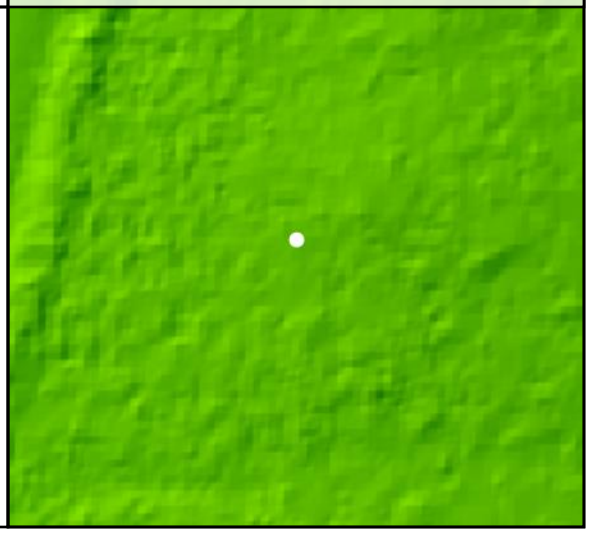


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

VVA - FO46

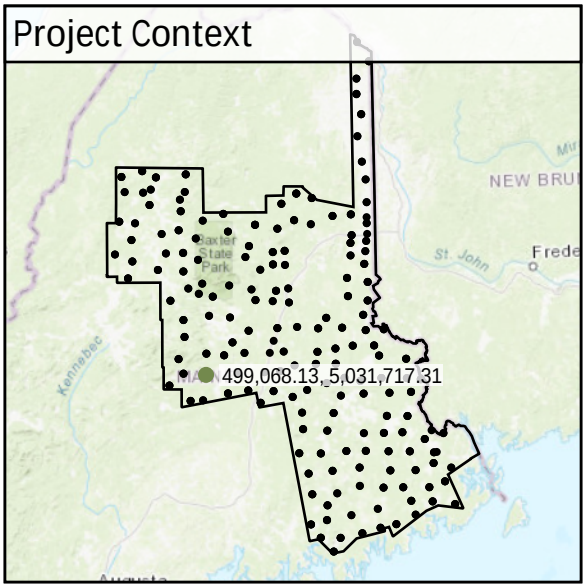
FO47

Known Z	134.56 m	Point Density	2.76 ppsm
DEM Dz	0.13 m	Ground Density	2.02 ppsm
All Points TIN Dz	N/A	Slope	3.34 °

DEM Dz +0.13 m

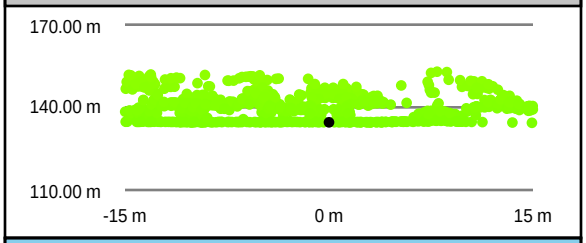
VVA - FO47

Project Context

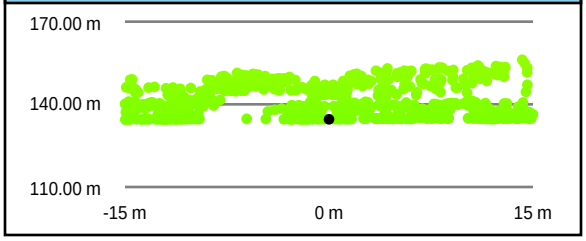


World Imagery

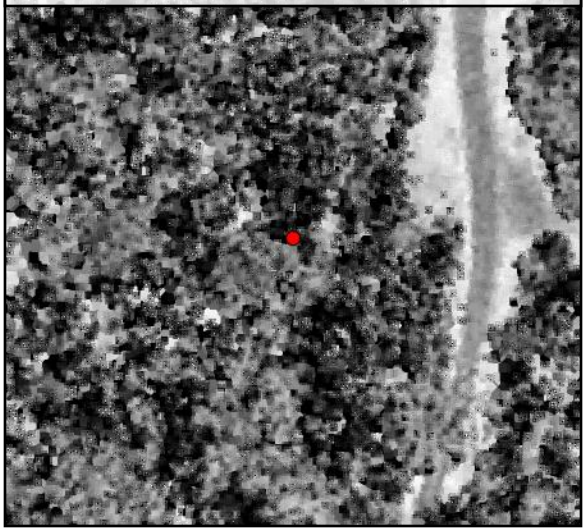
West to East



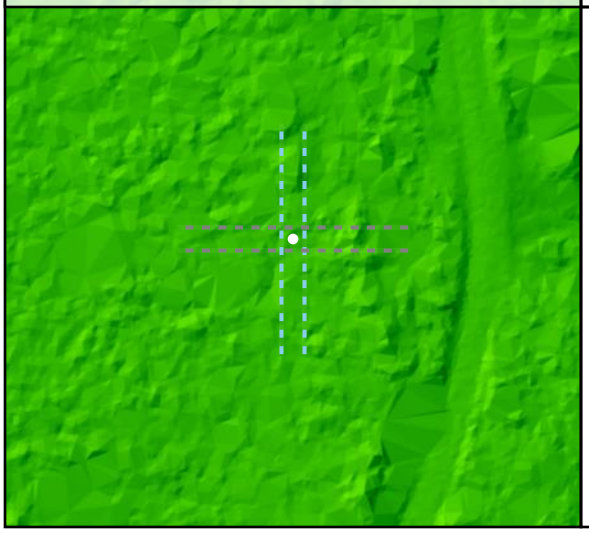
South to North



Intensity Raster

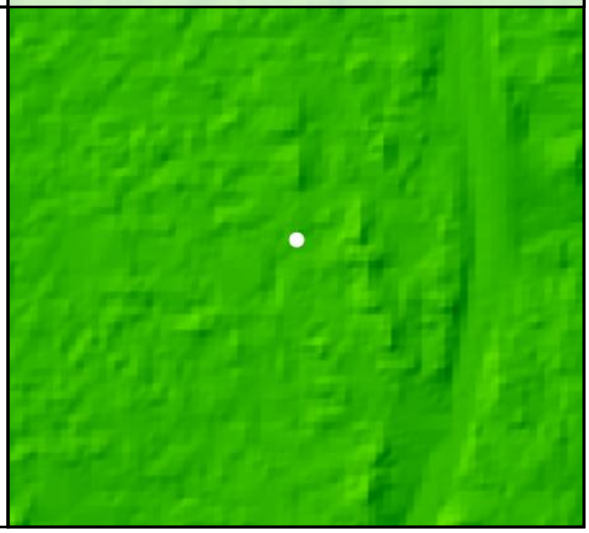


TIN Surface



Project Elevation

DEM Surface



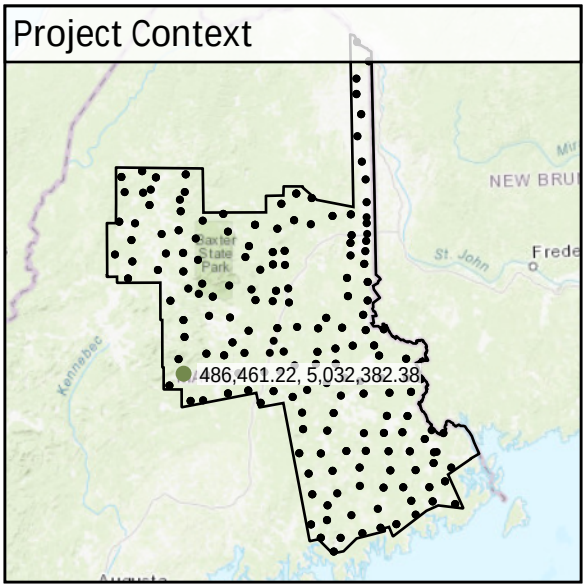
FO48

Known Z	177.09 m	Point Density	2.33 ppsm
DEM Dz	0.08 m	Ground Density	2.33 ppsm
All Points TIN Dz	N/A	Slope	1.19 °

DEM Dz +0.08 m

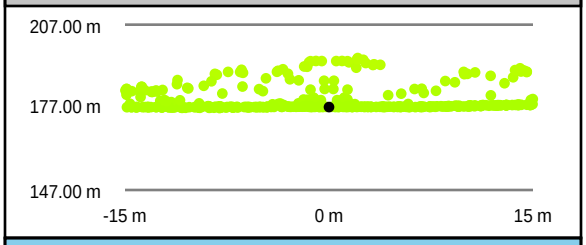
VVA - FO48

Project Context

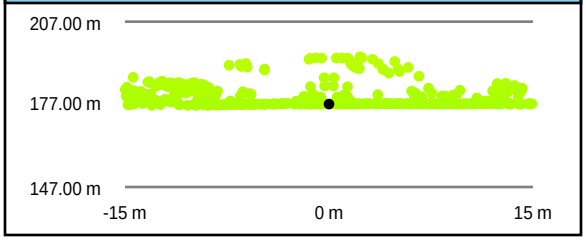


World Imagery

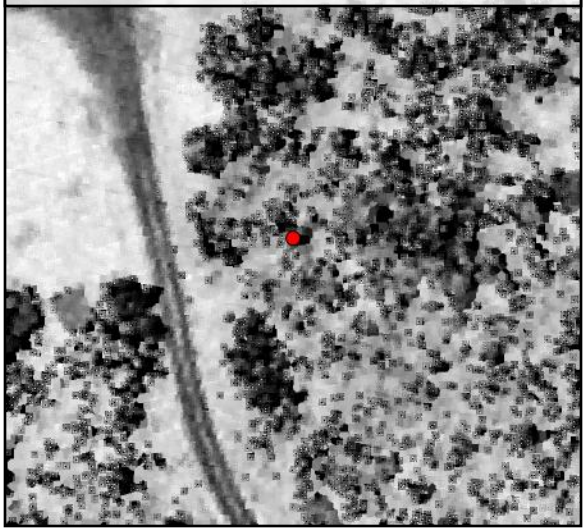
Southwest to Northeast



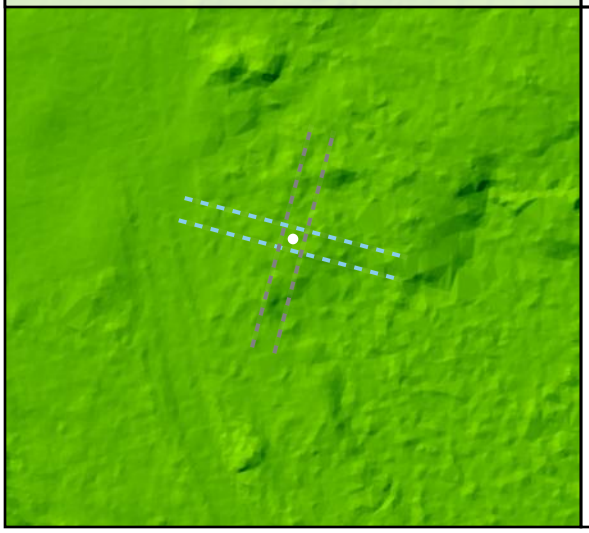
Southeast to Northwest



Intensity Raster

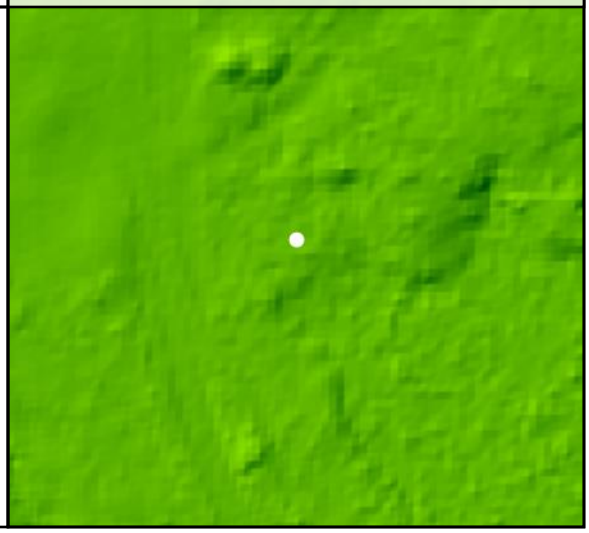


TIN Surface



Project Elevation

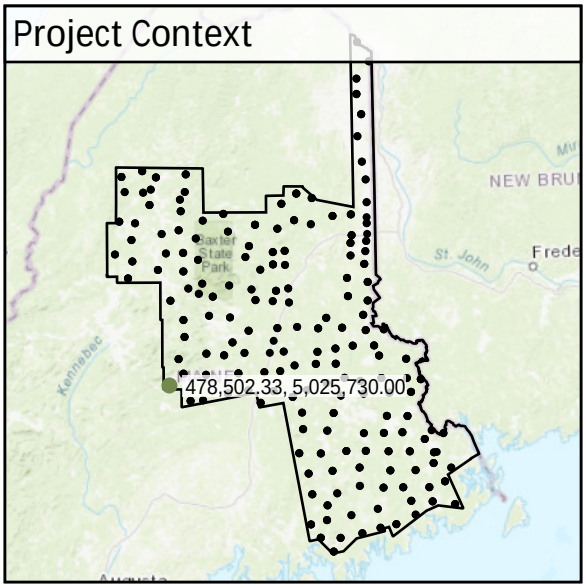
DEM Surface



FO49

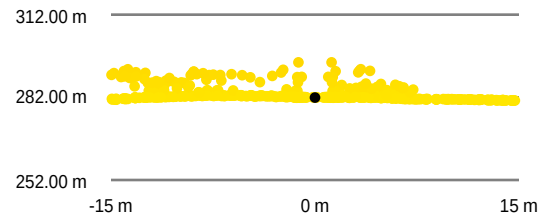
Known Z	281.91 m	Point Density	2.69 ppsm
DEM Dz	0.10 m	Ground Density	2.90 ppsm
All Points TIN Dz	N/A	Slope	7.32 °

Project Context

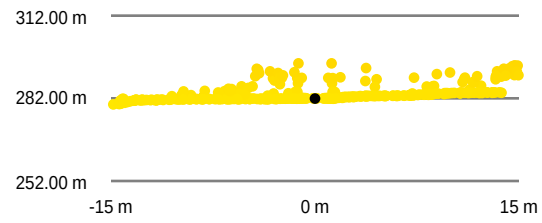


World Imagery

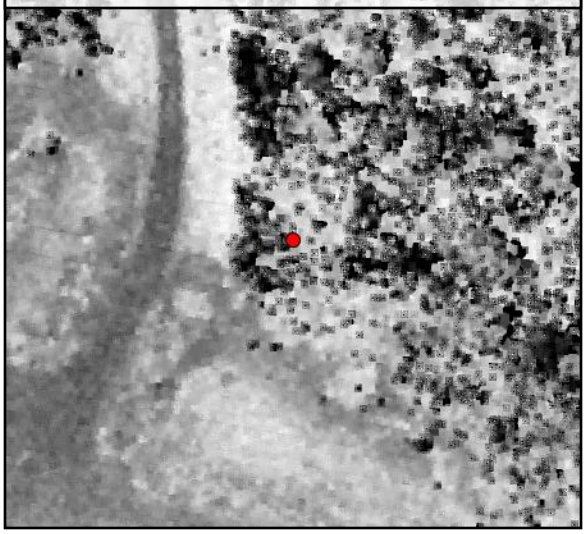
Southeast to Northwest



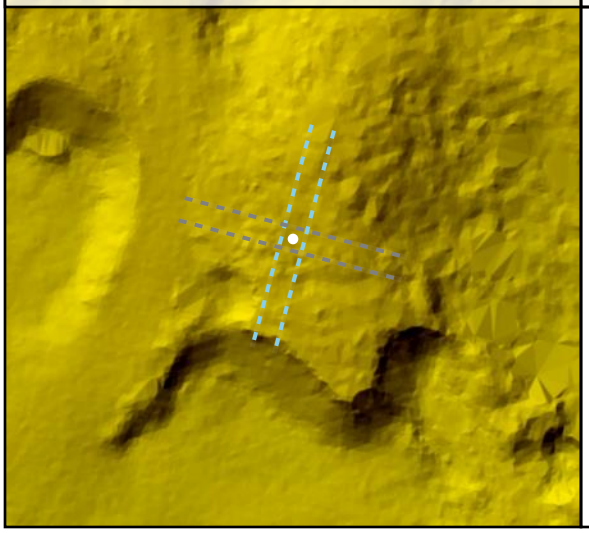
Southwest to Northeast



Intensity Raster

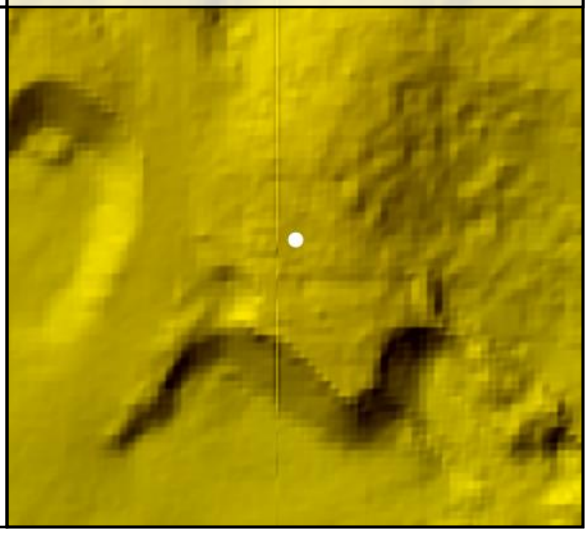


TIN Surface



Project Elevation

DEM Surface



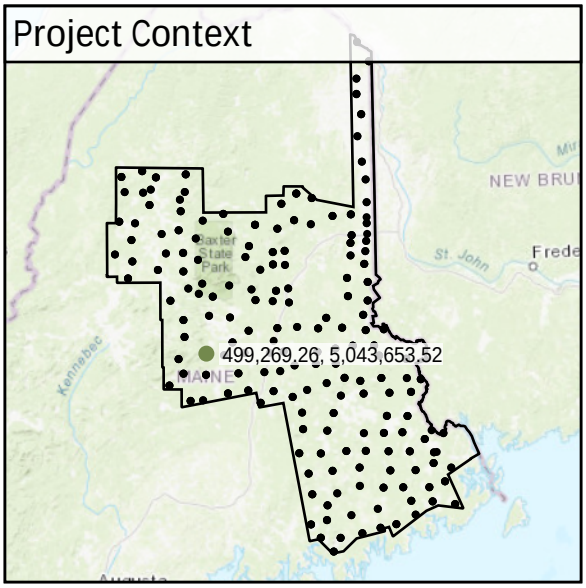
DEM Dz +0.10 m

VVA - FO49

FO50

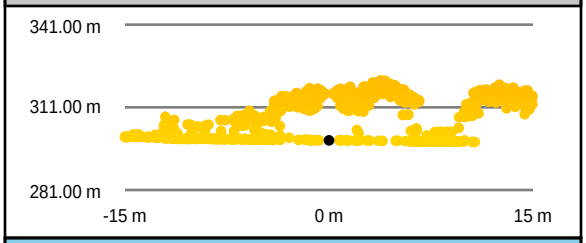
Known Z	299.01 m	Point Density	3.29 ppsm
DEM Dz	0.05 m	Ground Density	0.53 ppsm
All Points TIN Dz	N/A	Slope	1.67 °

Project Context

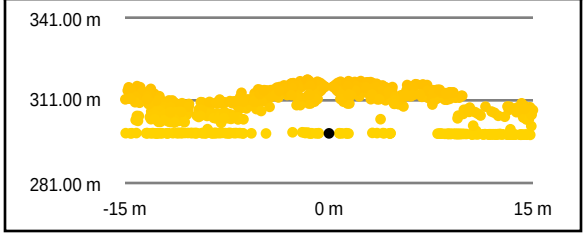


World Imagery

Southeast to Northwest

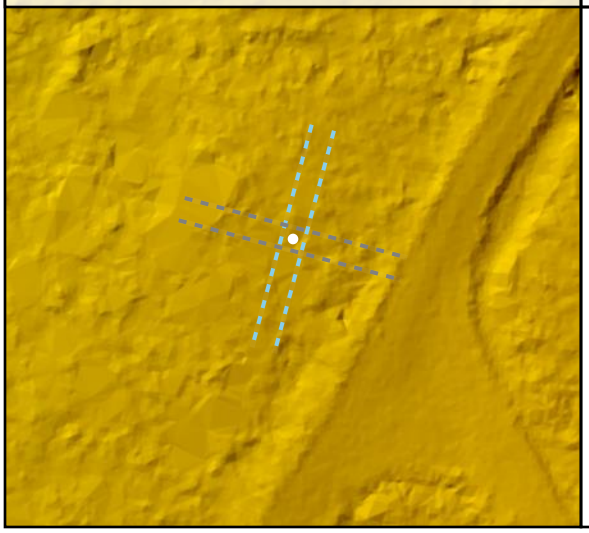


Southwest to Northeast



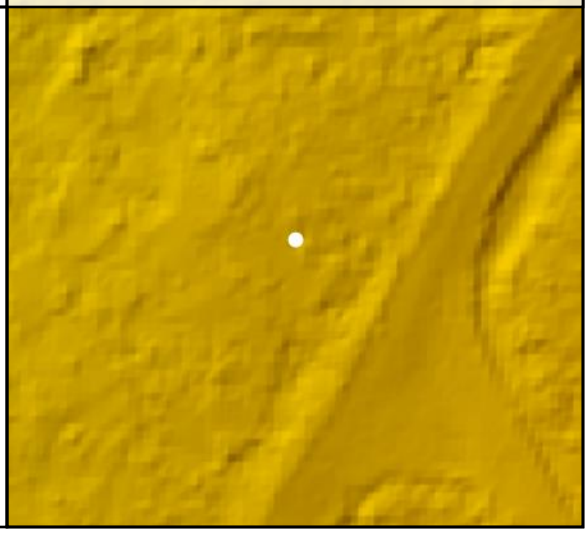
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



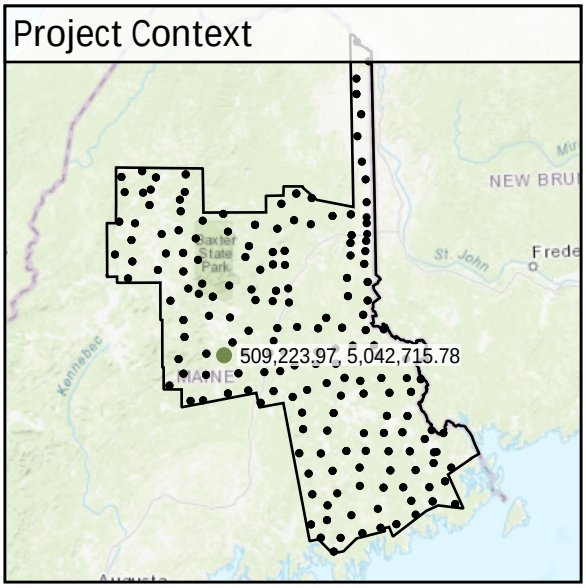
DEM Dz +0.05 m

VVA - FO50

FO51

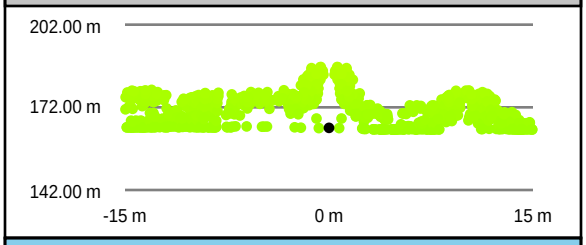
Known Z	164.55 m	Point Density	3.29 ppsm
DEM Dz	-0.04 m	Ground Density	0.25 ppsm
All Points TIN Dz	N/A	Slope	4.31 °

Project Context

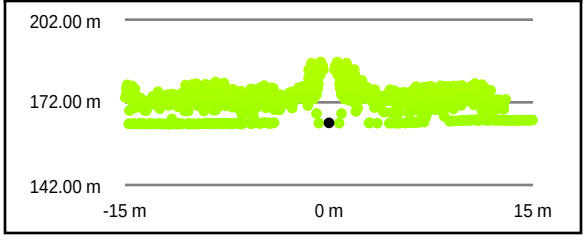


World Imagery

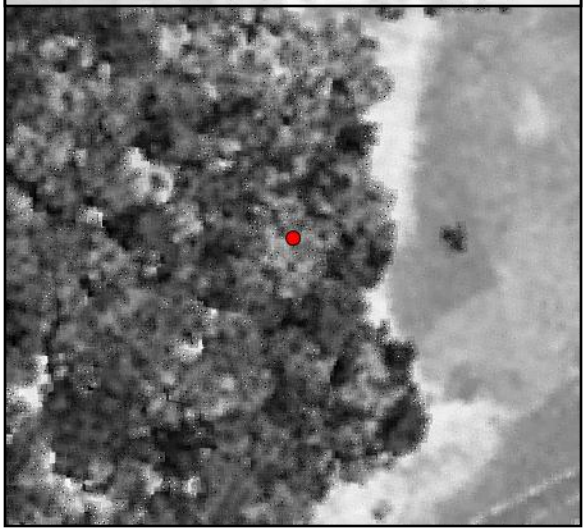
South to North



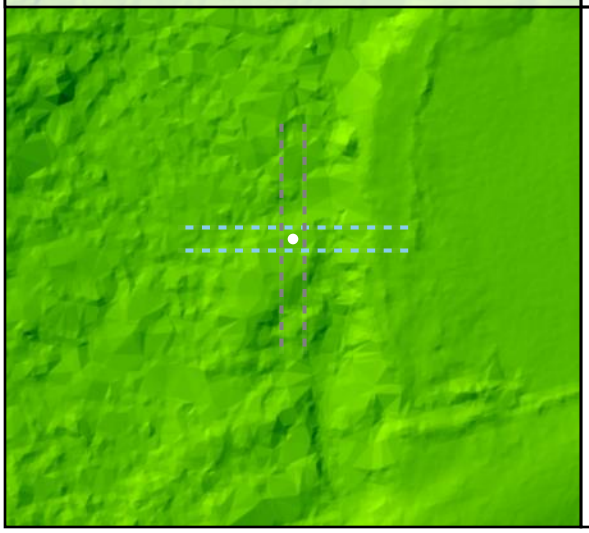
West to East



Intensity Raster

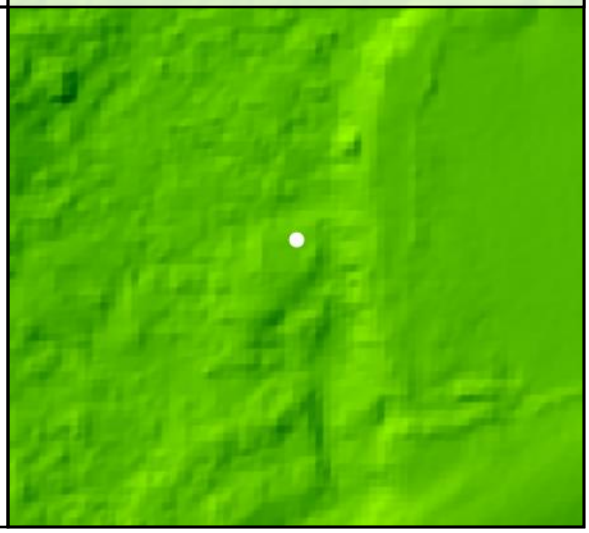


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

VVA - FO51

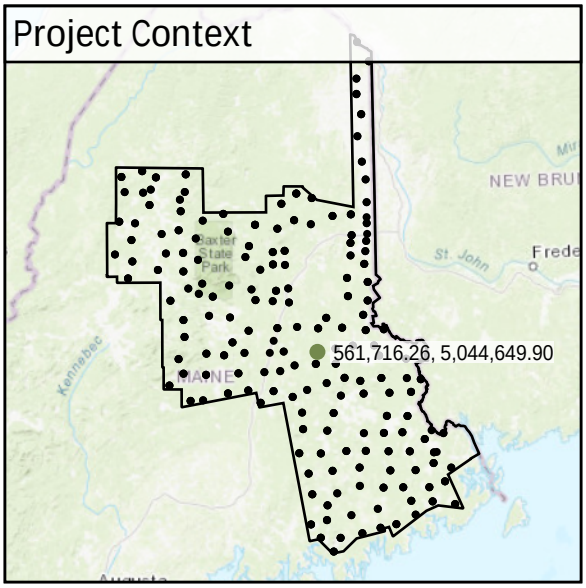
FO52

Known Z	109.36 m	Point Density	3.29 ppsm
DEM Dz	0.03 m	Ground Density	1.87 ppsm
All Points TIN Dz	N/A	Slope	2.53 °

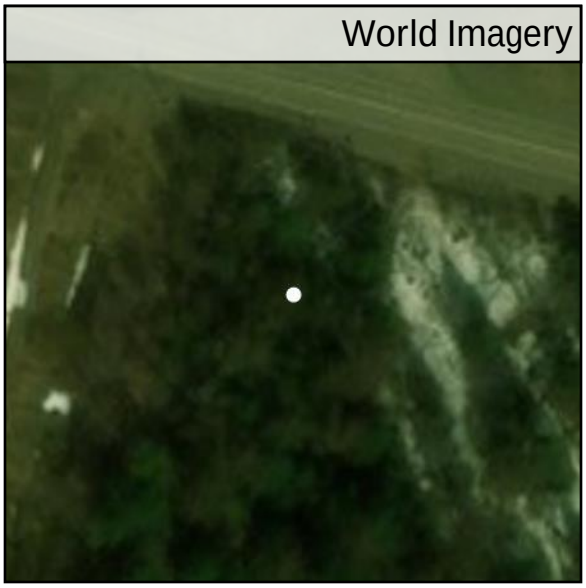
DEM Dz +0.03 m

VVA - FO52

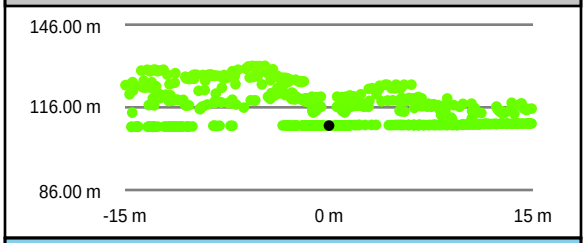
Project Context



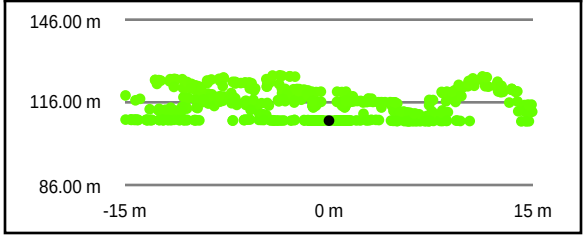
World Imagery



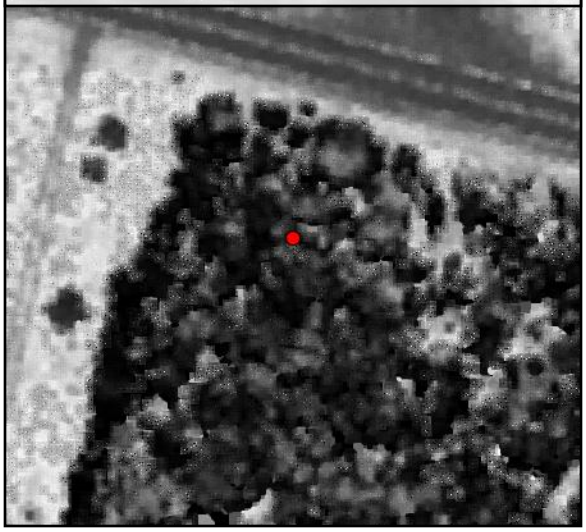
South to North



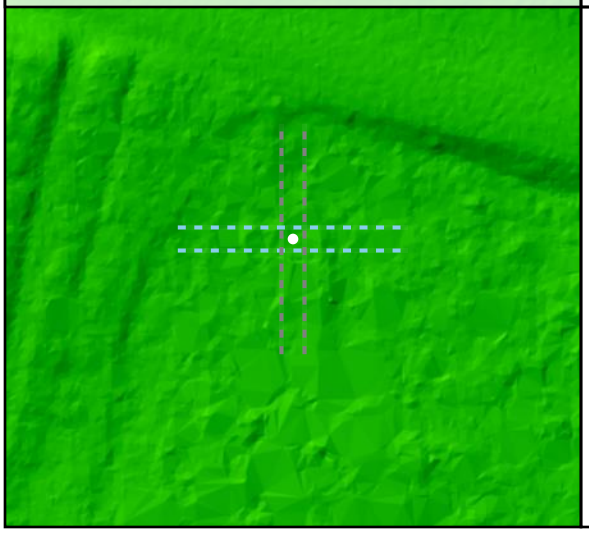
West to East



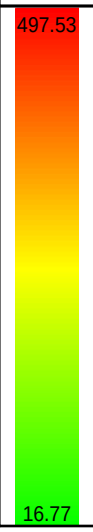
Intensity Raster



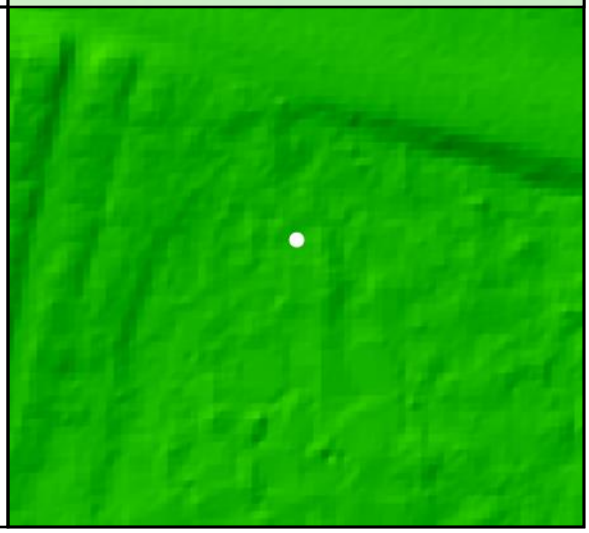
TIN Surface



Project Elevation

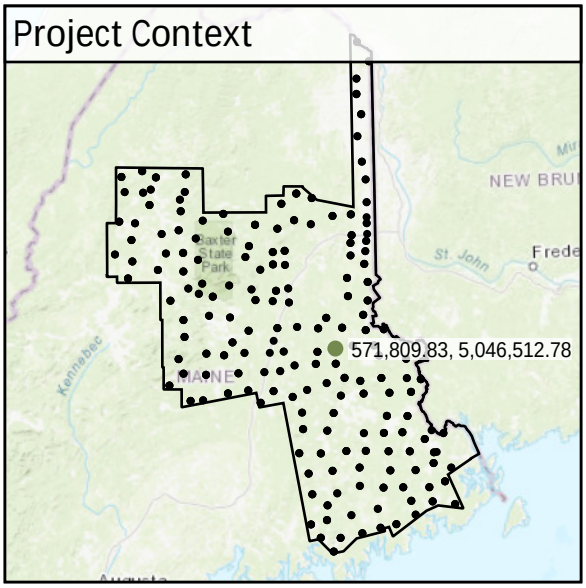


DEM Surface



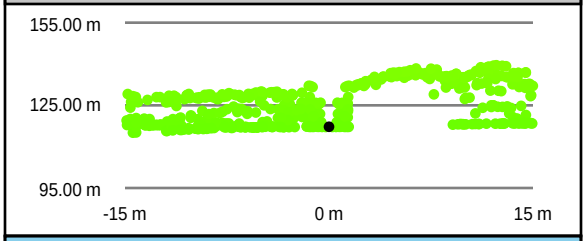
FO53				
	Known Z	117.22 m	Point Density	2.90 ppsm
	DEM Dz	0.00 m	Ground Density	0.88 ppsm
	All Points TIN Dz	N/A	Slope	1.54 °

Project Context

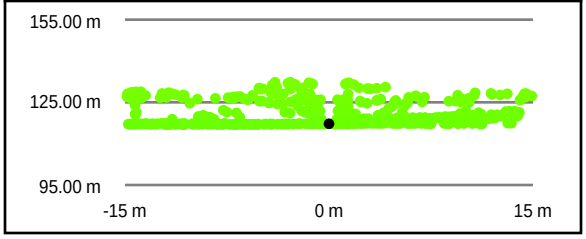


World Imagery

Southwest to Northeast

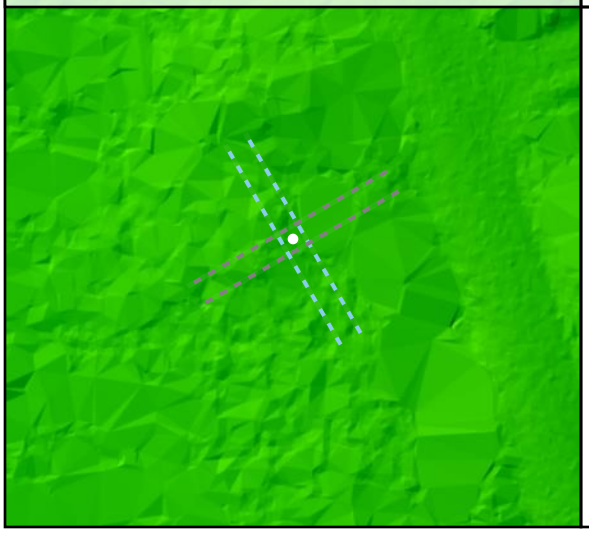


Southeast to Northwest

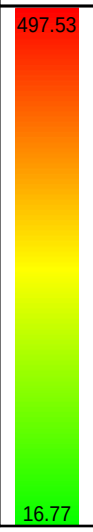


Intensity Raster

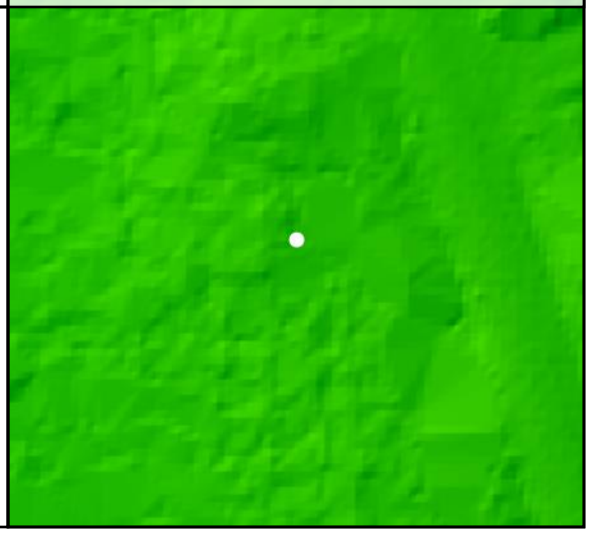
TIN Surface



Project Elevation



DEM Surface

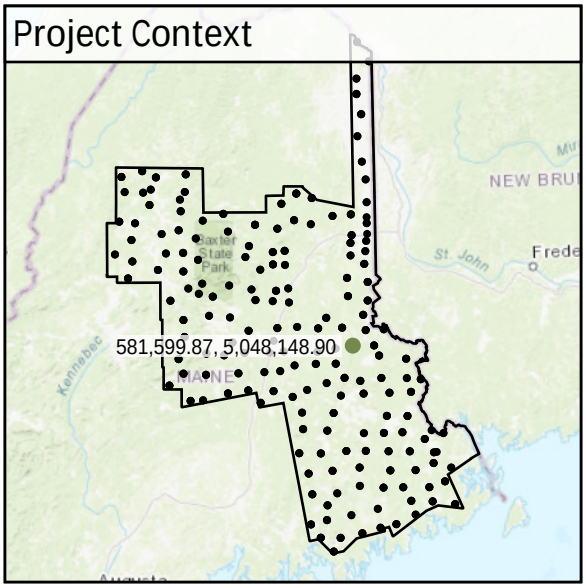


FO54				
	Known Z	166.77 m	Point Density	2.86 ppsm
	DEM Dz	0.15 m	Ground Density	2.12 ppsm
	All Points TIN Dz	N/A	Slope	4.24 °

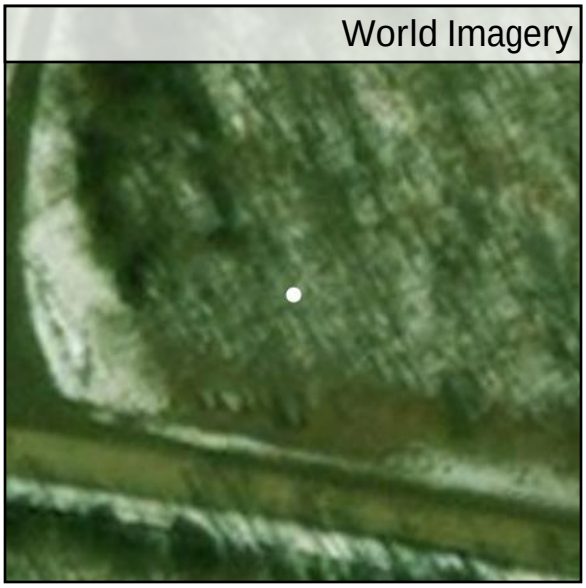
DEM Dz +0.15 m

VVA - FO54

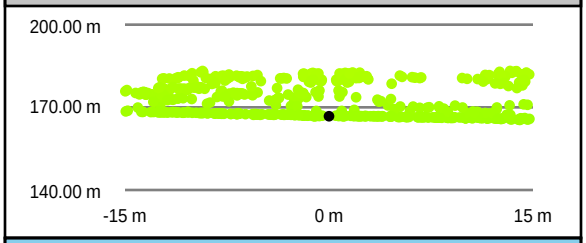
Project Context



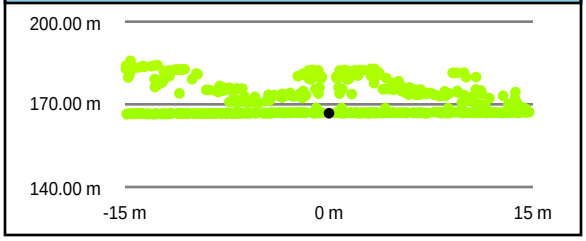
World Imagery



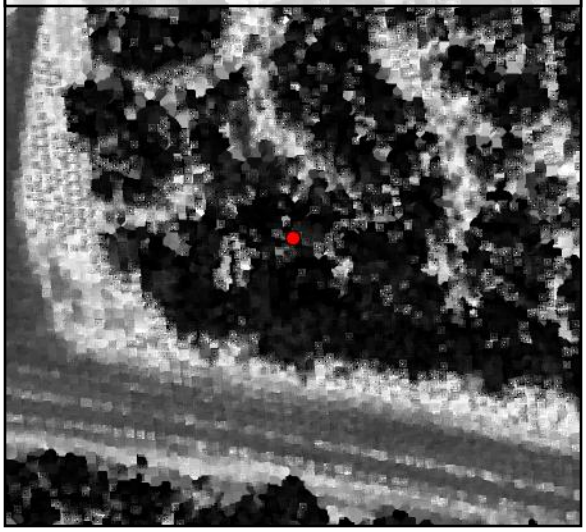
Southwest to Northeast



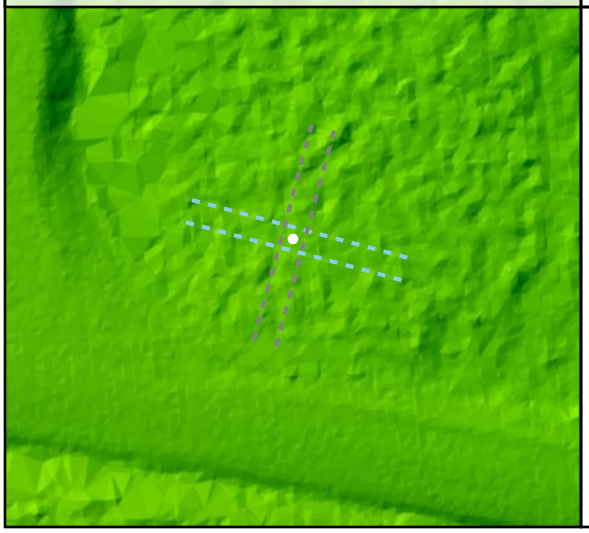
Southeast to Northwest



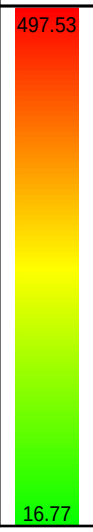
Intensity Raster



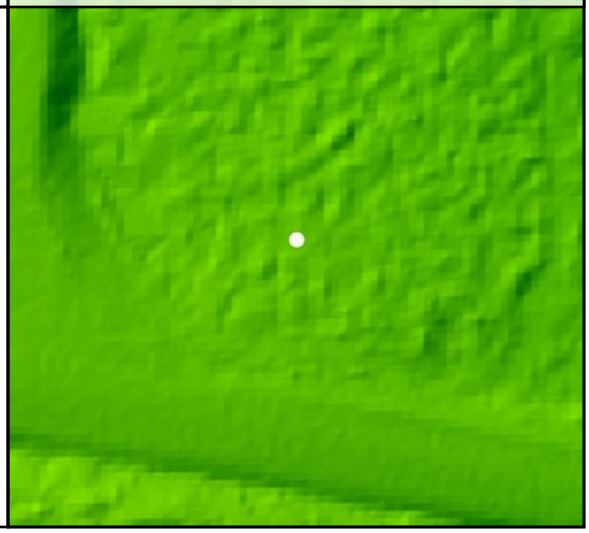
TIN Surface



Project Elevation

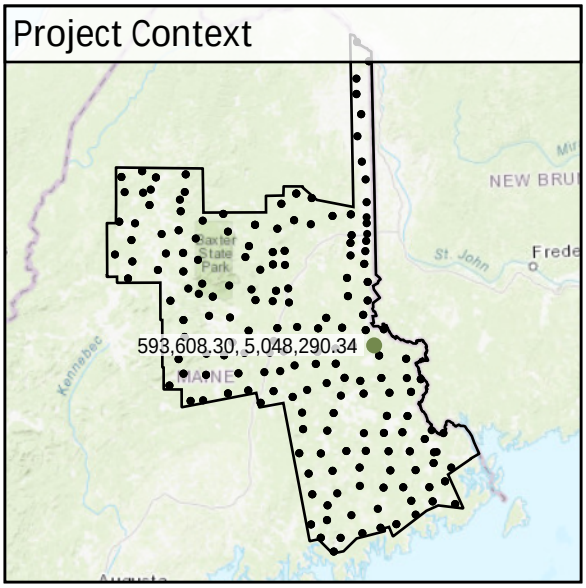


DEM Surface



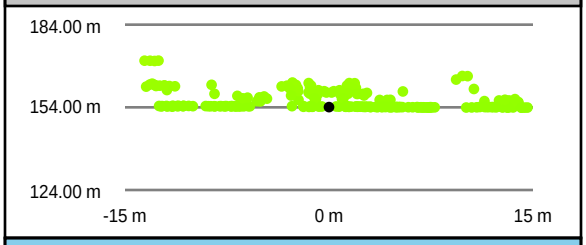
FO55				
	Known Z	154.08 m	Point Density	2.30 ppsm
	DEM Dz	0.17 m	Ground Density	1.10 ppsm
	All Points TIN Dz	N/A	Slope	1.11 °

Project Context

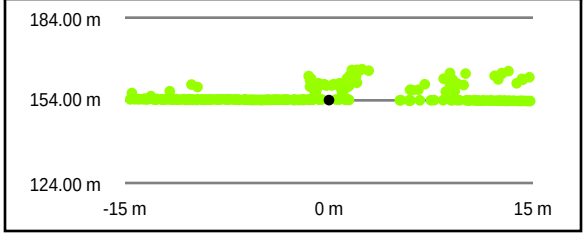


World Imagery

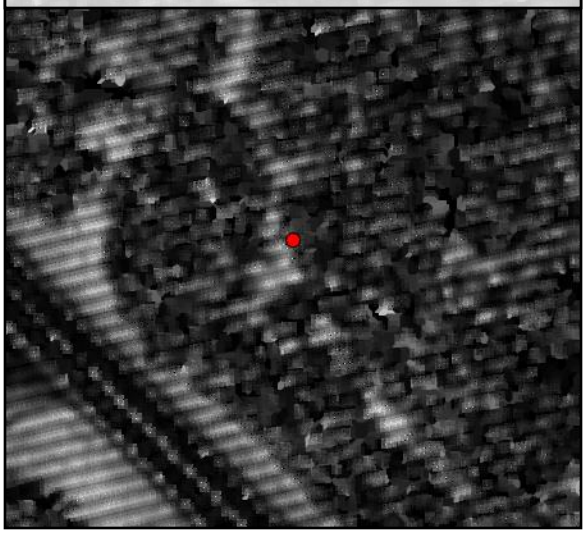
Southeast to Northwest



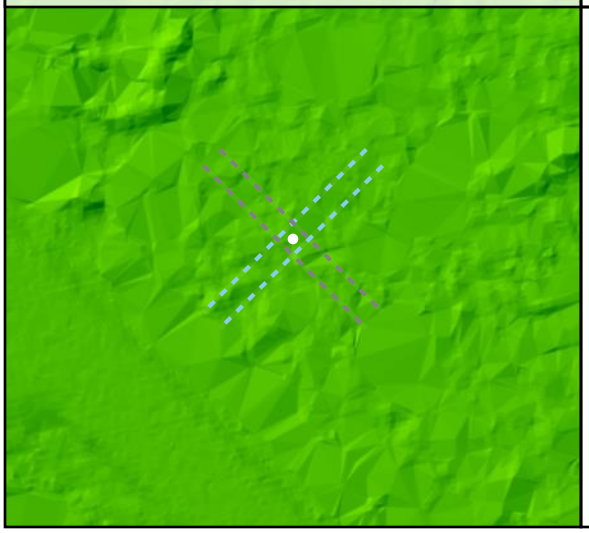
Southwest to Northeast



Intensity Raster

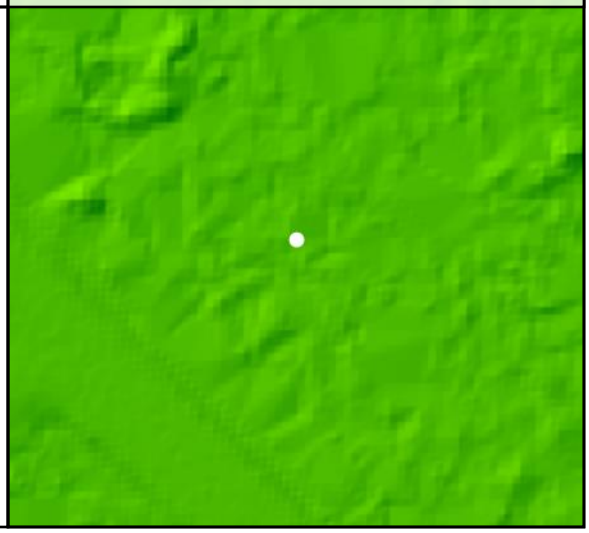


TIN Surface



Project Elevation

DEM Surface



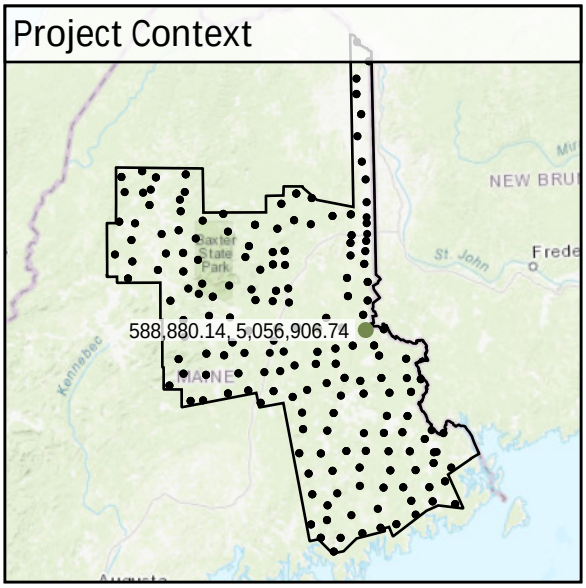
FO56

Known Z	143.60 m	Point Density	3.47 ppsm
DEM Dz	0.09 m	Ground Density	1.98 ppsm
All Points TIN Dz	N/A	Slope	3.86 °

DEM Dz +0.09 m

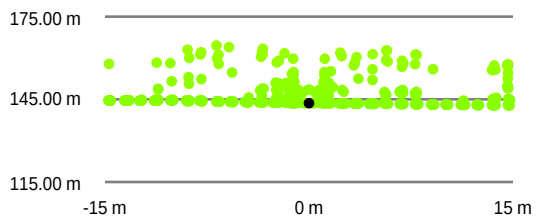
VVA - FO56

Project Context

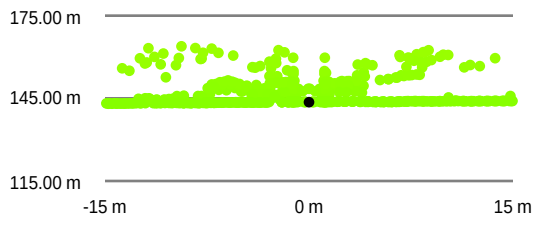


World Imagery

Southwest to Northeast

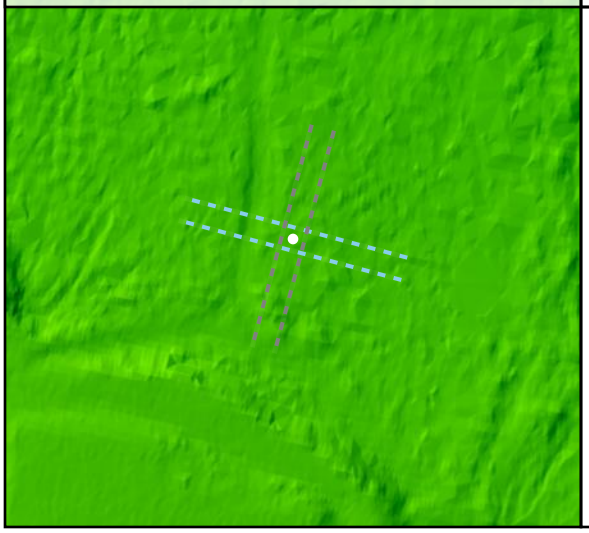


Southeast to Northwest



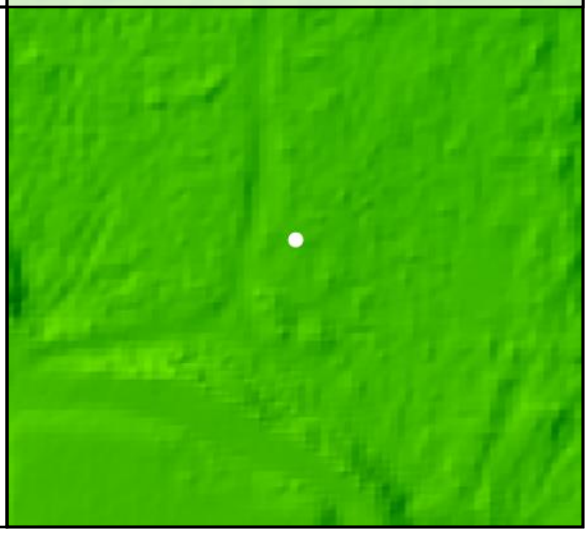
Intensity Raster

TIN Surface



Project Elevation

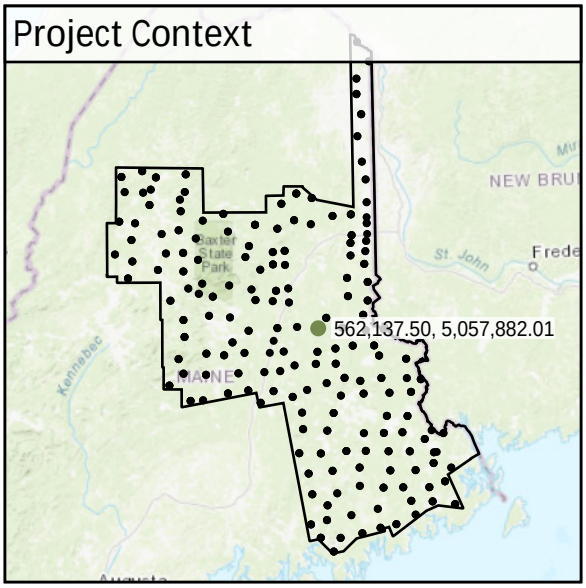
DEM Surface



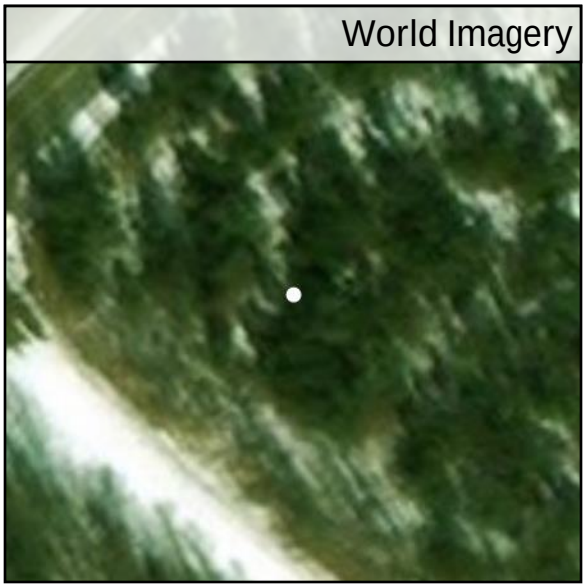
FO57

Known Z	165.81 m	Point Density	2.12 ppsm
DEM Dz	0.03 m	Ground Density	1.73 ppsm
All Points TIN Dz	N/A	Slope	0.52 °

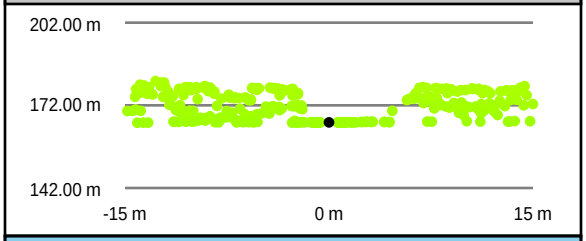
Project Context



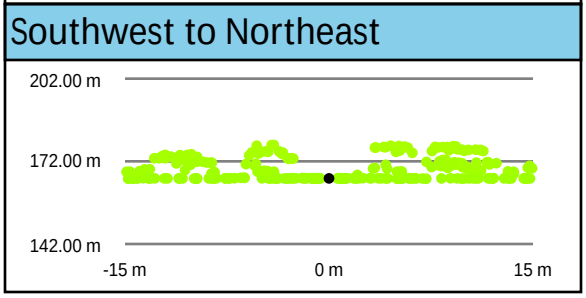
World Imagery



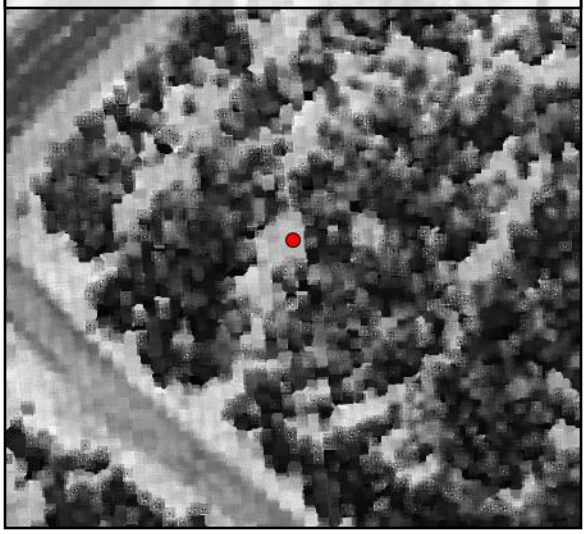
Southeast to Northwest



Southwest to Northeast

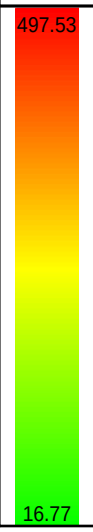


Intensity Raster

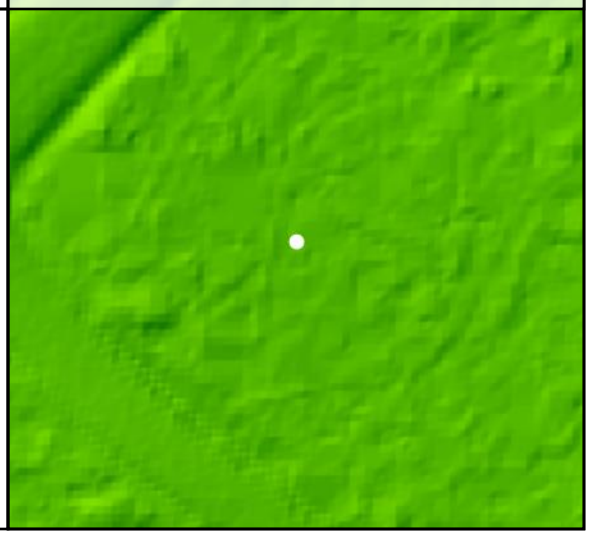


TIN Surface

Project Elevation



DEM Surface



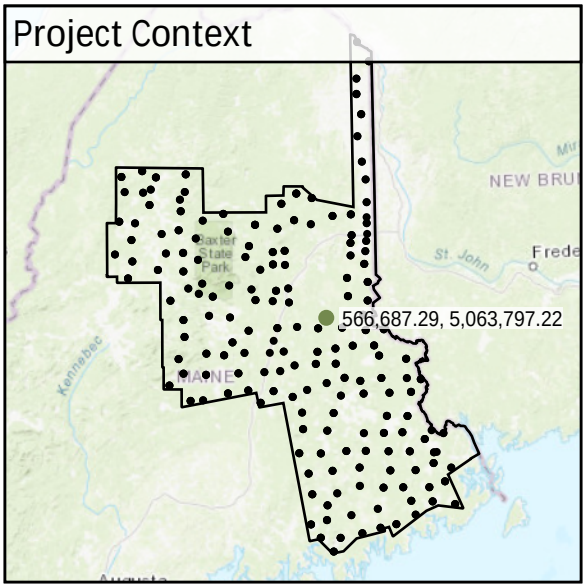
DEM Dz +0.03 m

VVA - FO57

FO58

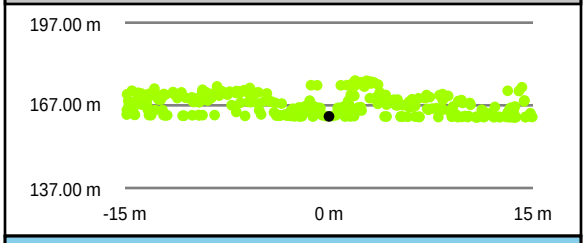
Known Z	162.98 m	Point Density	2.55 ppsm
DEM Dz	0.10 m	Ground Density	0.74 ppsm
All Points TIN Dz	N/A	Slope	0.87 °

Project Context

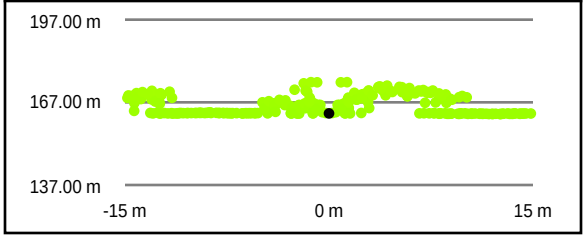


World Imagery

South to North

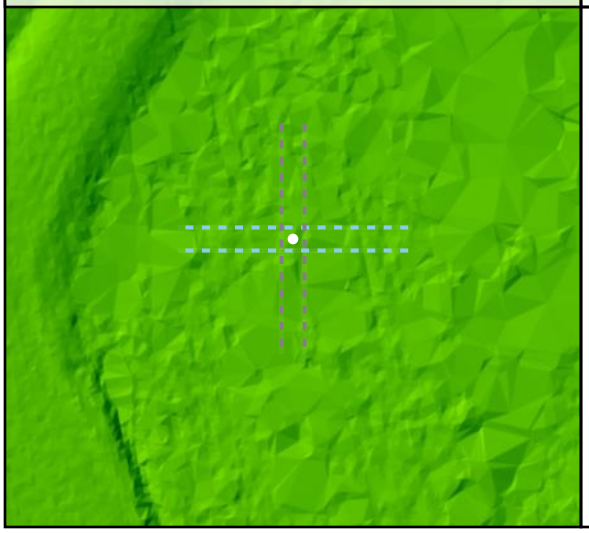


West to East



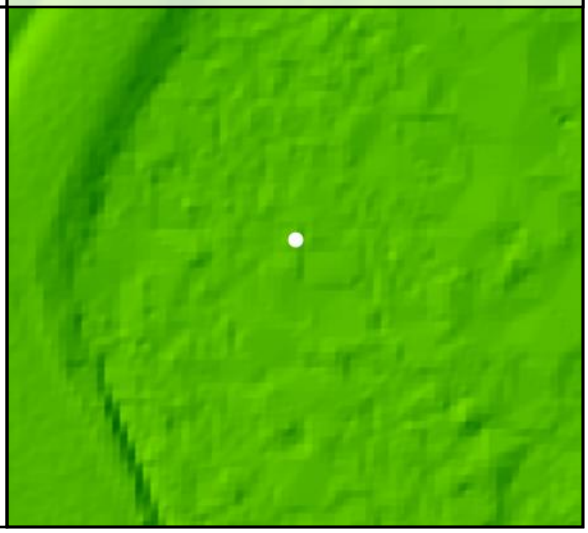
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



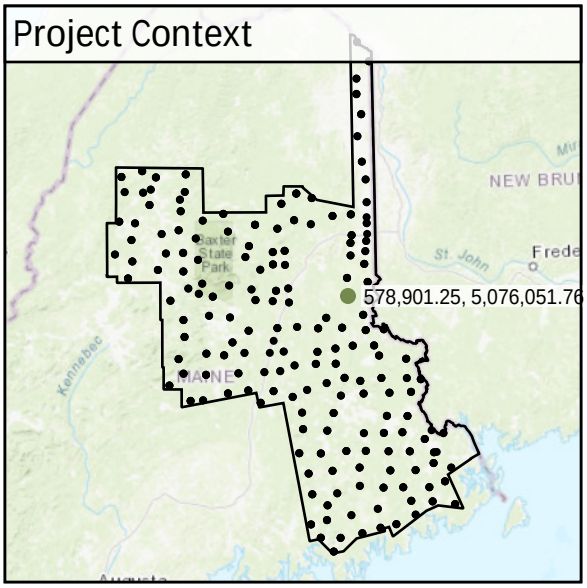
DEM Dz +0.10 m

VVA - FO58

FO59

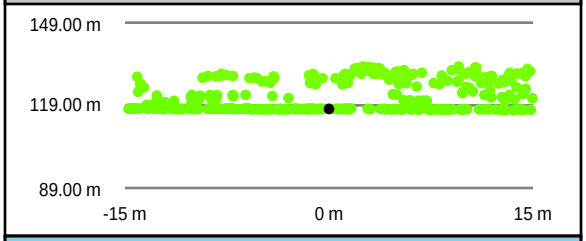
Known Z	117.70 m	Point Density	2.23 ppsm
DEM Dz	0.01 m	Ground Density	1.70 ppsm
All Points TIN Dz	N/A	Slope	5.20 °

Project Context

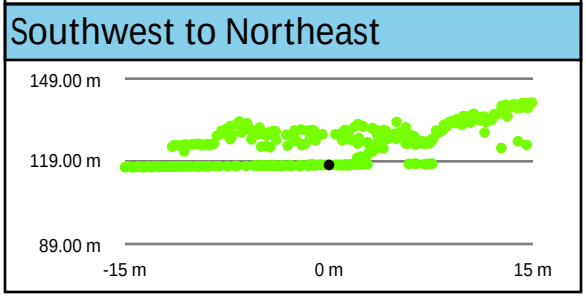


World Imagery

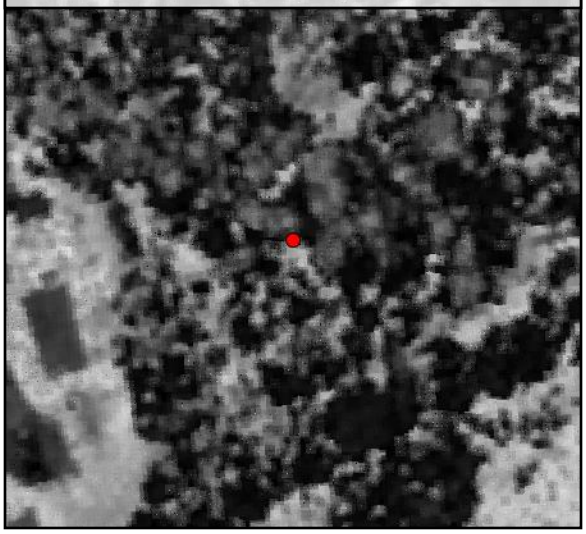
Southeast to Northwest



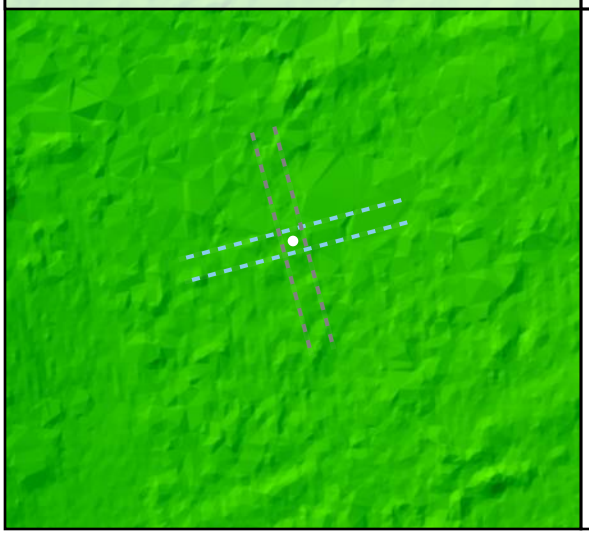
Southwest to Northeast



Intensity Raster

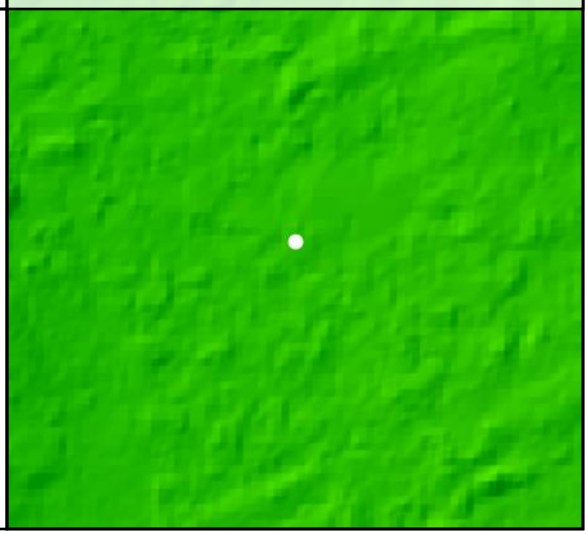


TIN Surface



Project Elevation

DEM Surface



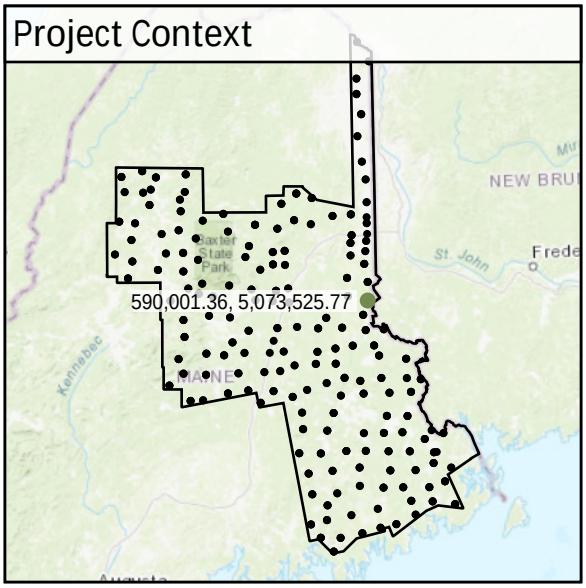
DEM Dz +0.01 m

VVA - FO59

FO60

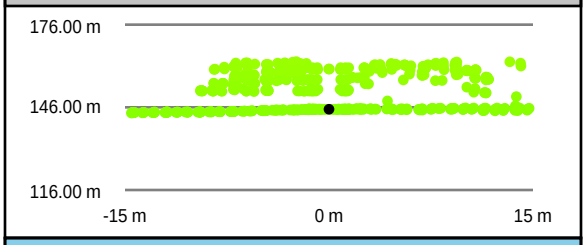
Known Z	145.30 m	Point Density	4.17 ppsm
DEM Dz	-0.02 m	Ground Density	2.86 ppsm
All Points TIN Dz	N/A	Slope	6.27 °

Project Context



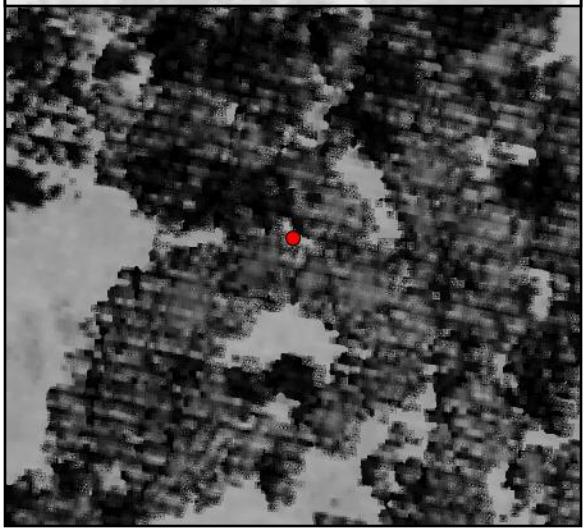
World Imagery

Southwest to Northeast

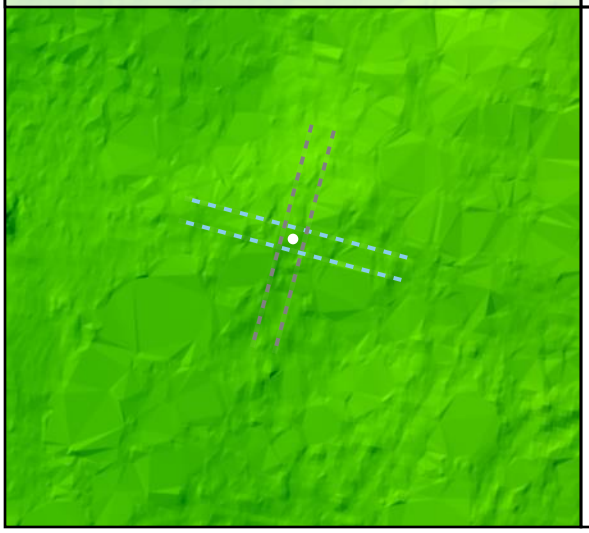


Southeast to Northwest

Intensity Raster

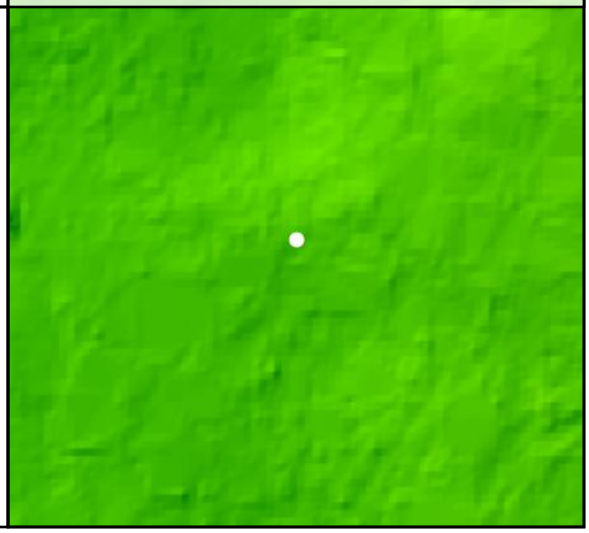


TIN Surface



Project Elevation

DEM Surface

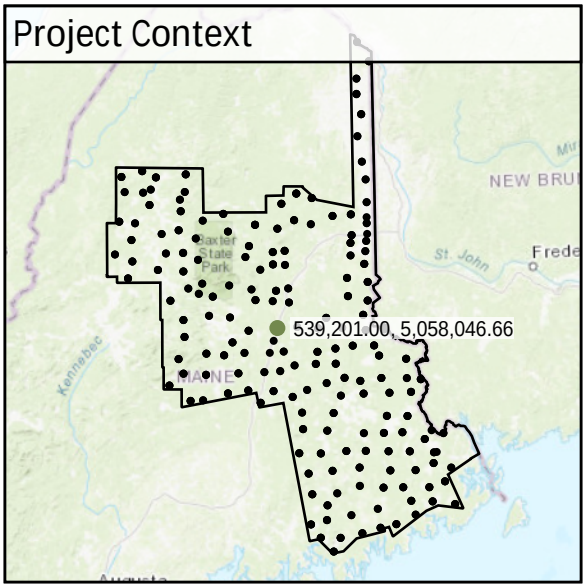


DEM Dz -0.02 m

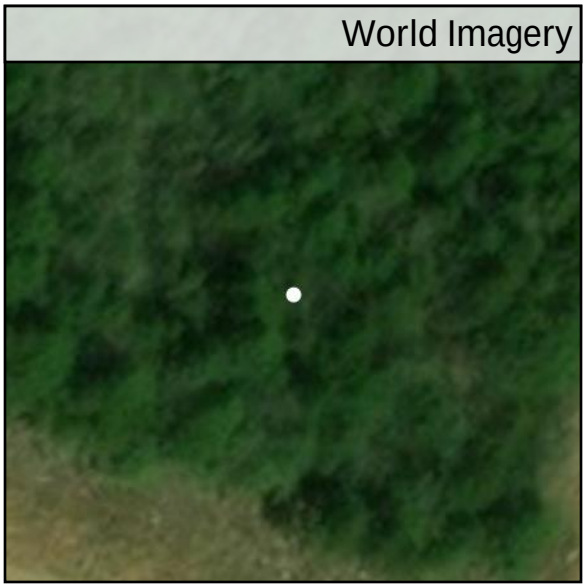
VVA - FO60

FO61				
	Known Z	131.28 m	Point Density	2.23 ppsm
	DEM Dz	0.21 m	Ground Density	0.21 ppsm
	All Points TIN Dz	N/A	Slope	3.12 °

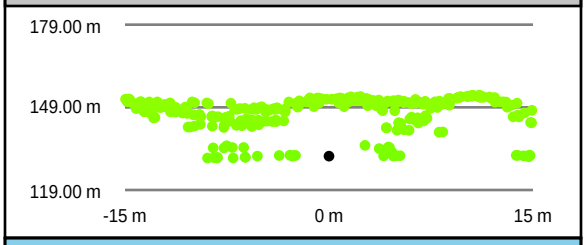
Project Context



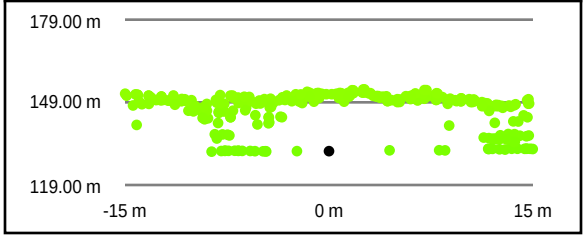
World Imagery



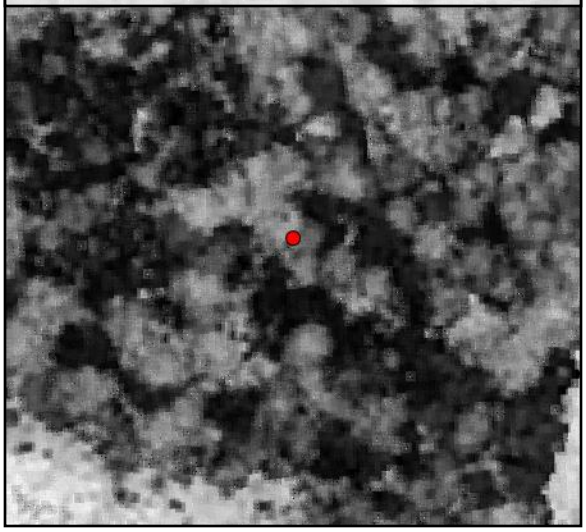
Southwest to Northeast



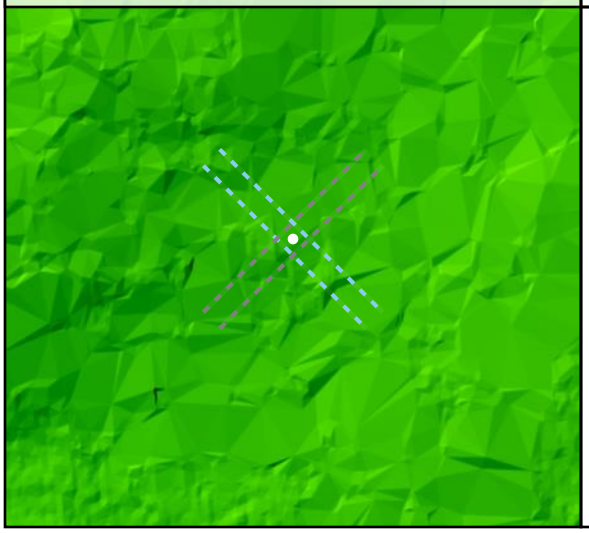
Southeast to Northwest



Intensity Raster

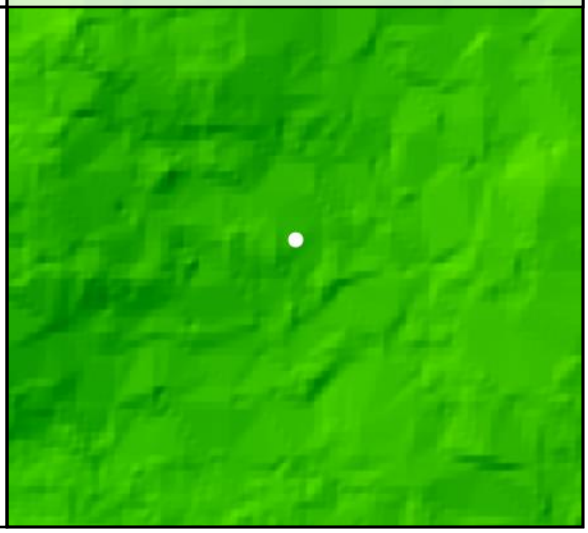


TIN Surface



Project Elevation

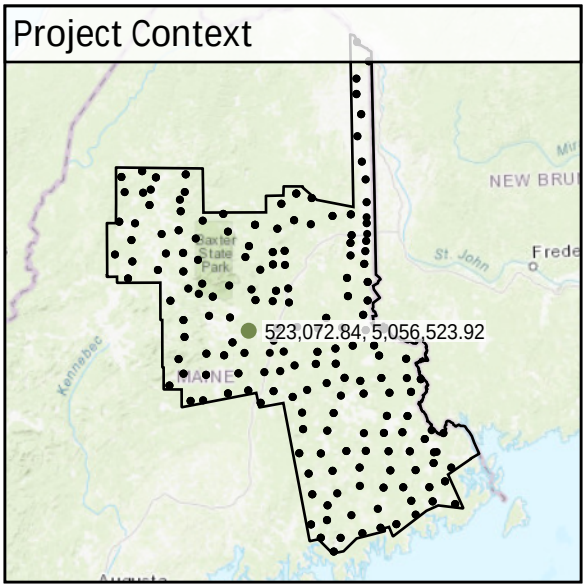
DEM Surface



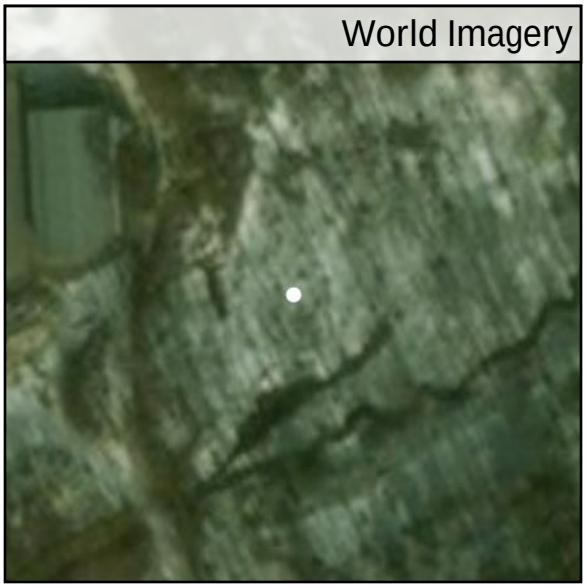
FO62

Known Z	110.84 m	Point Density	1.45 ppsm
DEM Dz	0.14 m	Ground Density	1.52 ppsm
All Points TIN Dz	N/A	Slope	2.19 °

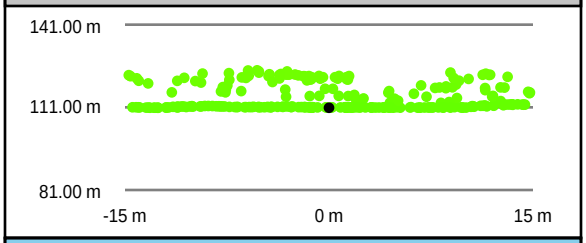
Project Context



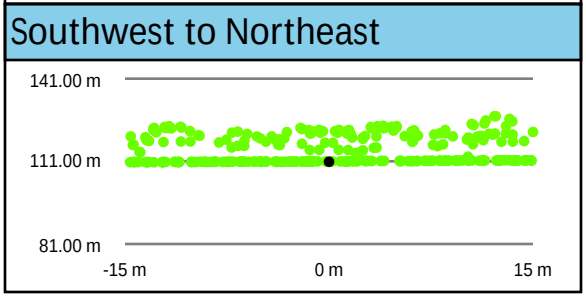
World Imagery



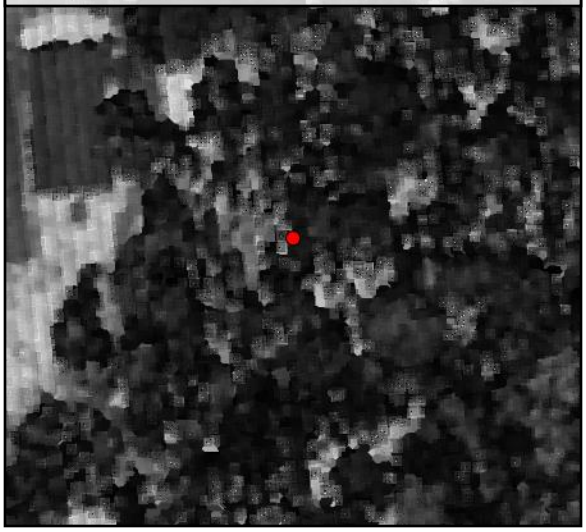
Southeast to Northwest



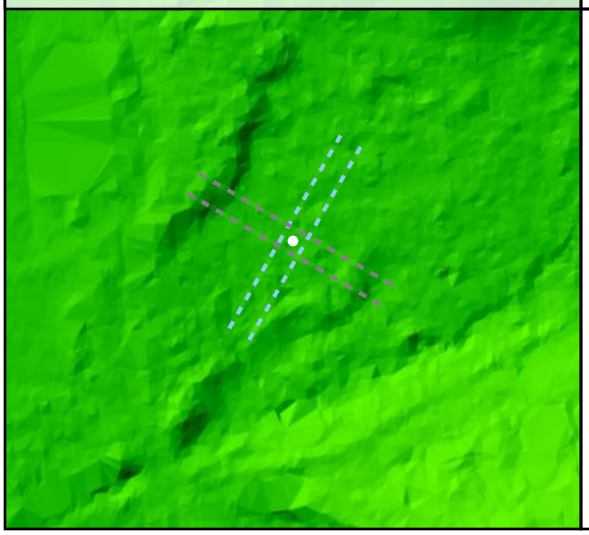
Southwest to Northeast



Intensity Raster

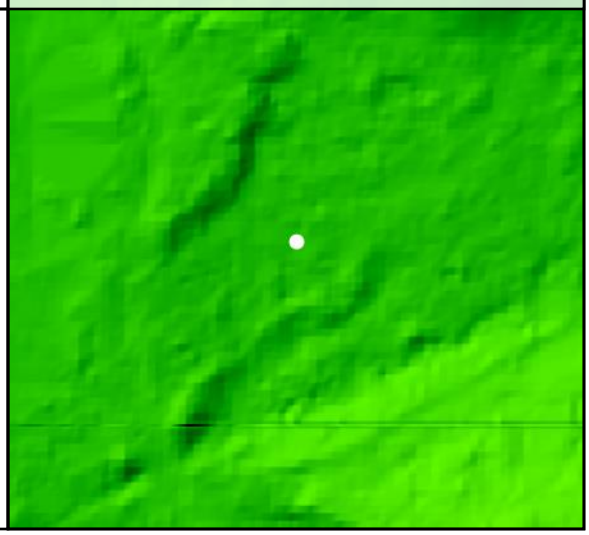


TIN Surface



Project Elevation

DEM Surface



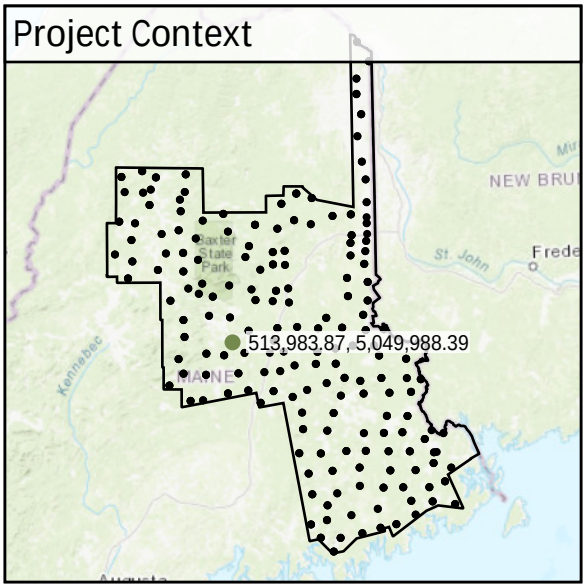
DEM Dz +0.14 m

VVA - FO62

FO63

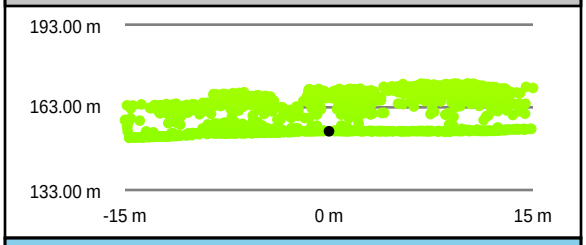
Known Z	154.31 m	Point Density	3.43 ppsm
DEM Dz	0.15 m	Ground Density	2.48 ppsm
All Points TIN Dz	N/A	Slope	1.77 °

Project Context

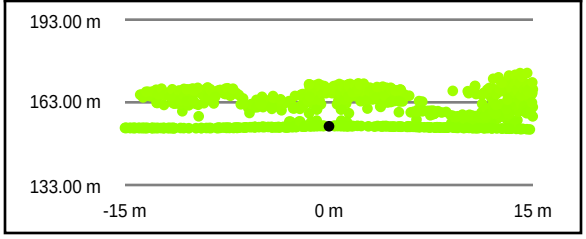


World Imagery

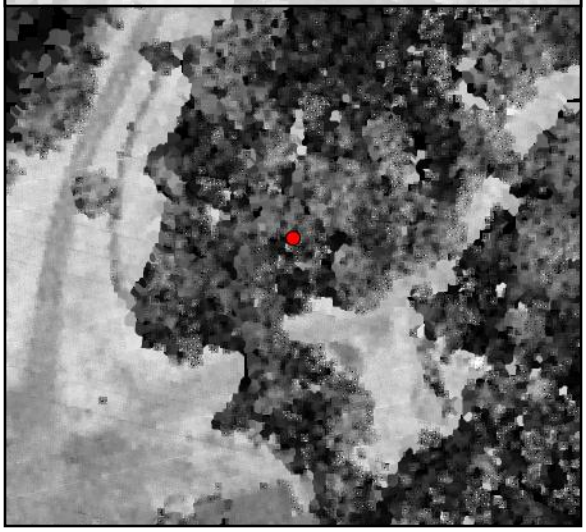
Southwest to Northeast



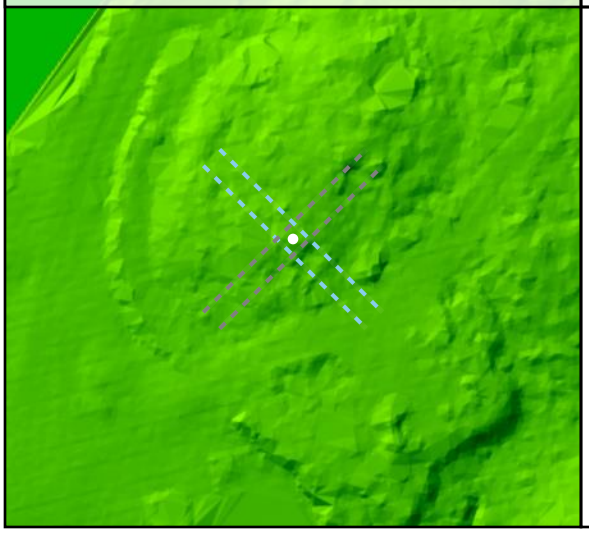
Southeast to Northwest



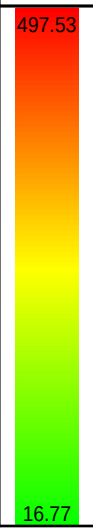
Intensity Raster



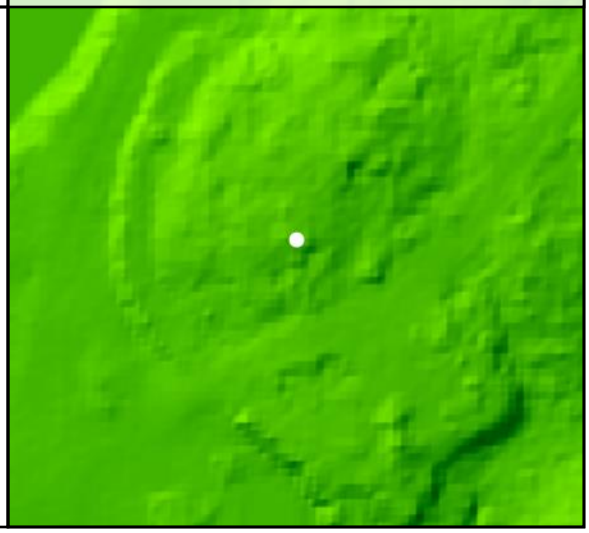
TIN Surface



Project Elevation



DEM Surface



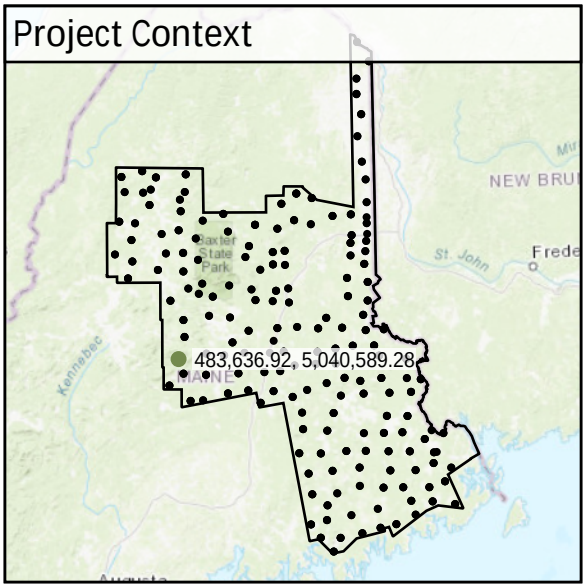
DEM Dz +0.15 m

VVA - FO63

FO64

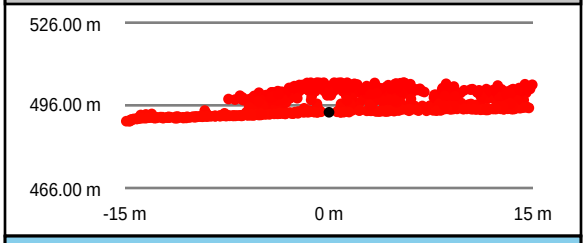
Known Z	493.48 m	Point Density	3.22 ppsm
DEM Dz	0.12 m	Ground Density	1.80 ppsm
All Points TIN Dz	N/A	Slope	15.12 °

Project Context

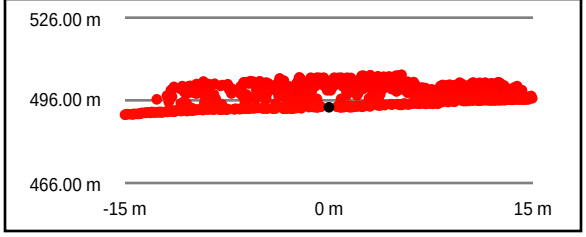


World Imagery

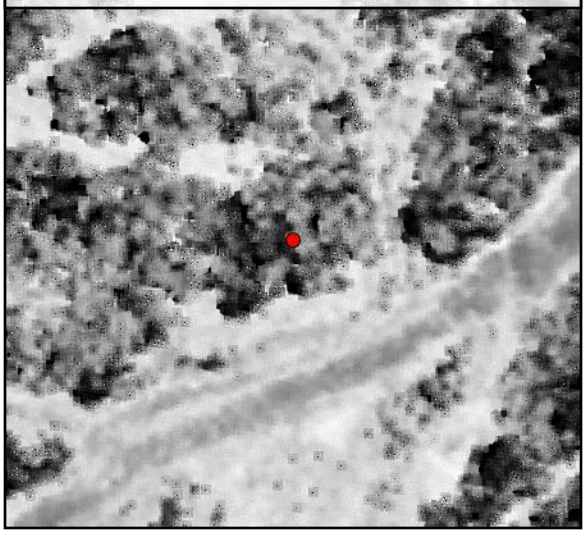
Southeast to Northwest



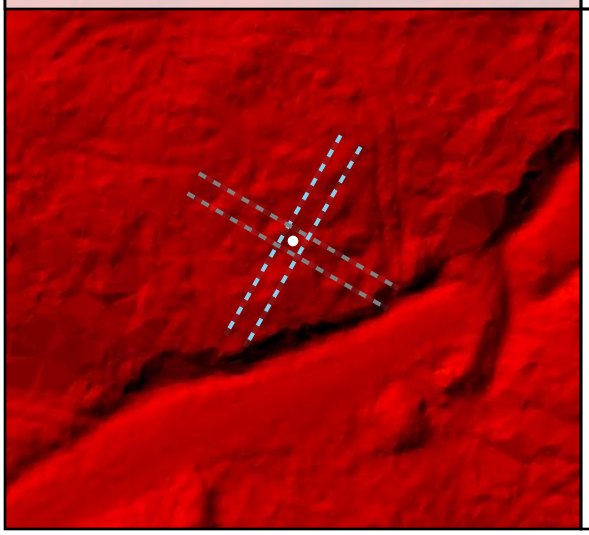
Southwest to Northeast



Intensity Raster

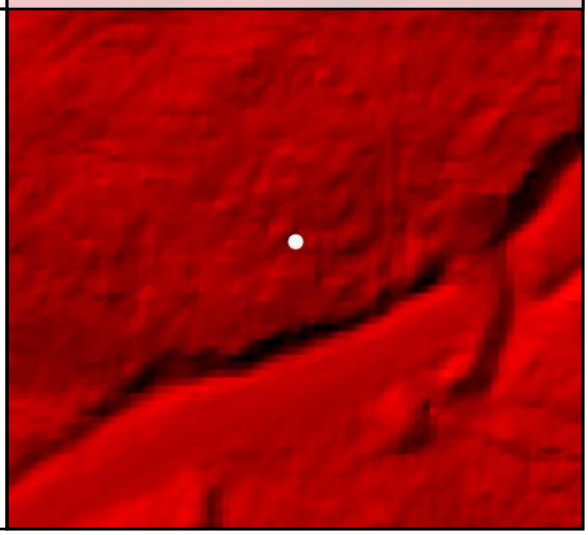


TIN Surface



Project Elevation

DEM Surface



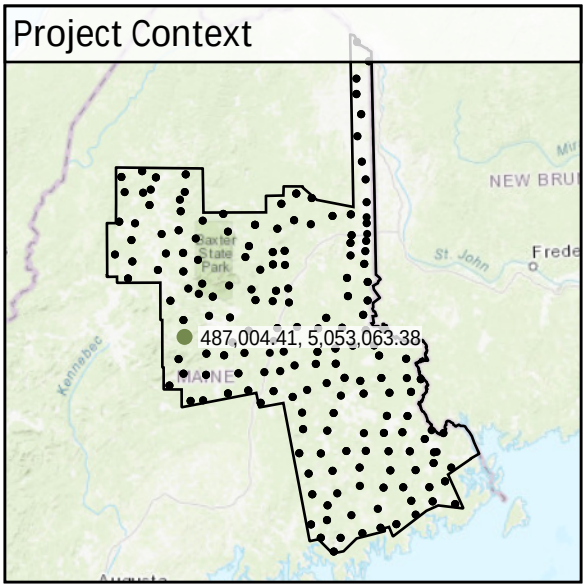
DEM Dz +0.12 m

VVA - FO64

FO65

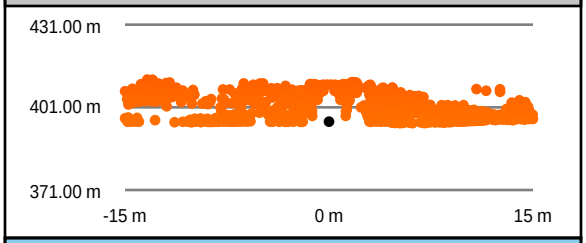
Known Z	395.80 m	Point Density	3.43 ppsm
DEM Dz	0.04 m	Ground Density	0.46 ppsm
All Points TIN Dz	N/A	Slope	6.36 °

Project Context

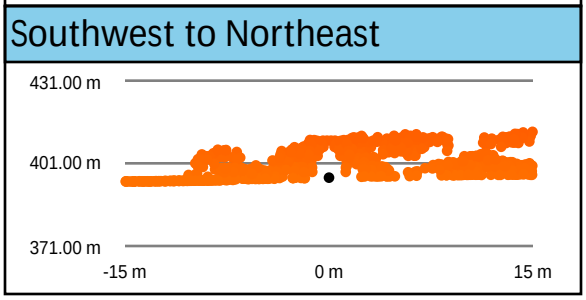


World Imagery

Southeast to Northwest

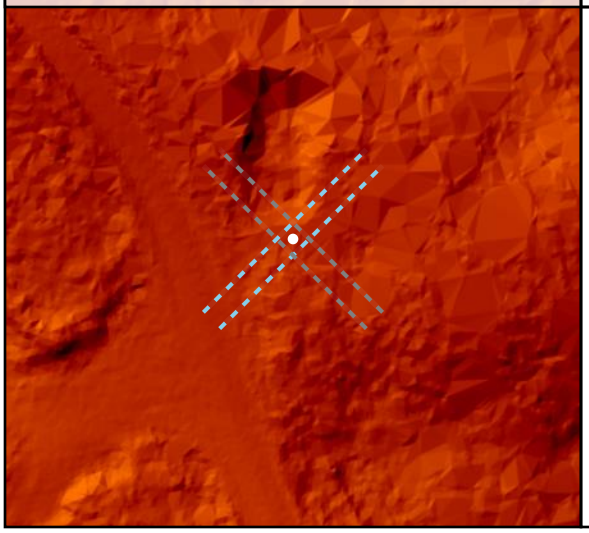


Southwest to Northeast



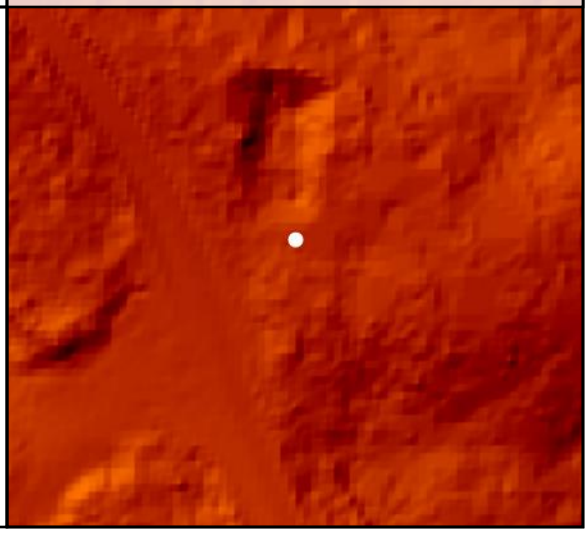
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



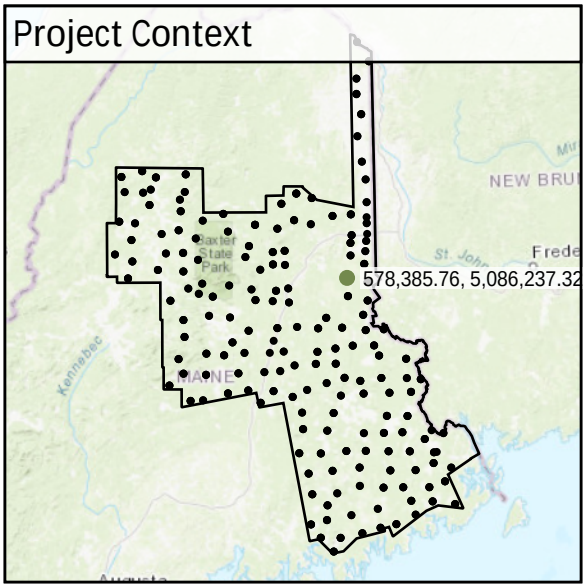
DEM Dz +0.04 m

VVA - FO65

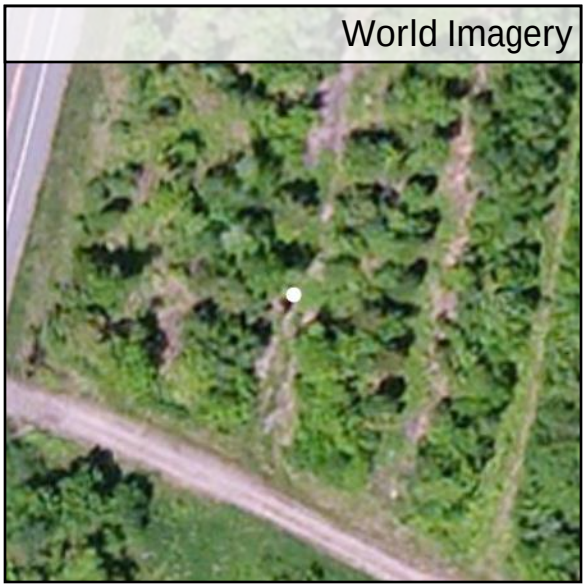
FO66

Known Z	177.44 m	Point Density	3.08 ppsm
DEM Dz	0.07 m	Ground Density	1.34 ppsm
All Points TIN Dz	N/A	Slope	5.13 °

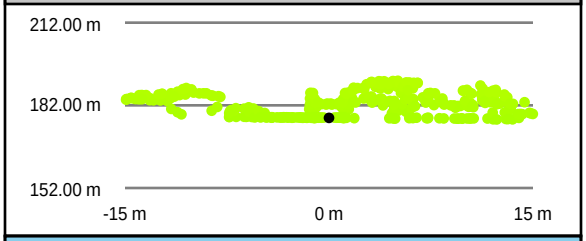
Project Context



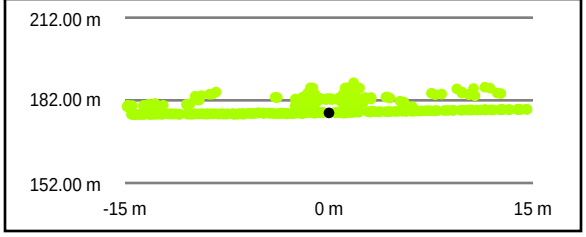
World Imagery



Southeast to Northwest

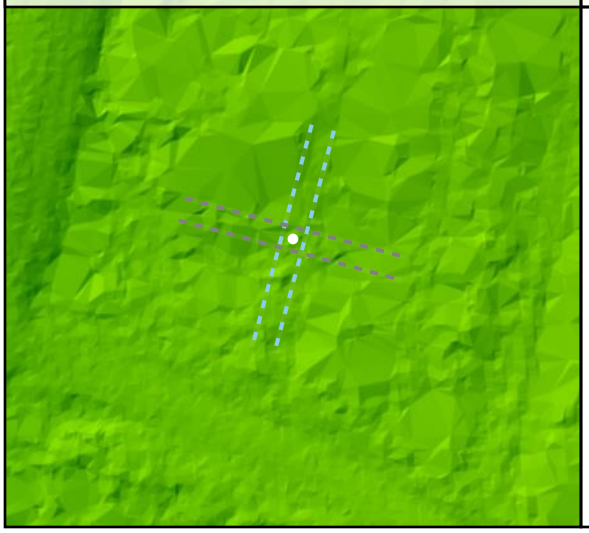


Southwest to Northeast



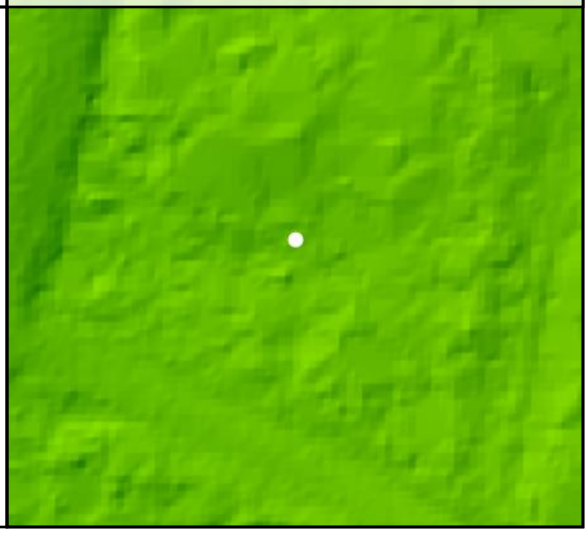
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



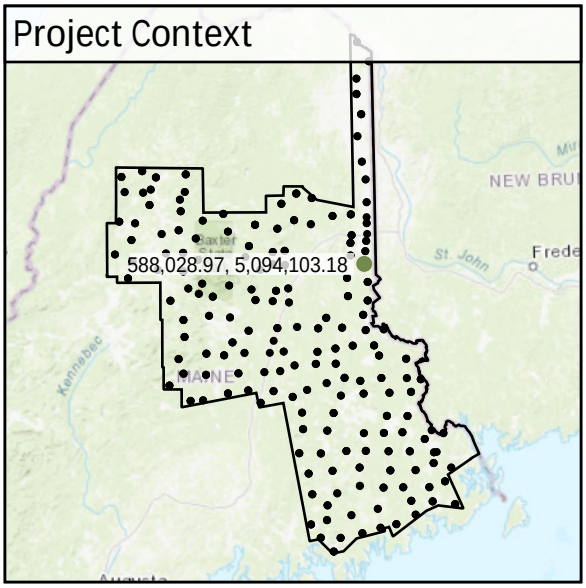
DEM Dz +0.07 m

VVA - FO66

FO67

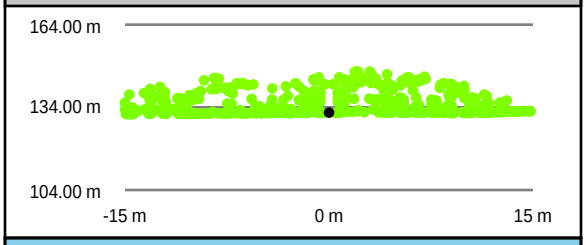
Known Z	132.09 m	Point Density	2.65 ppsm
DEM Dz	-0.05 m	Ground Density	0.57 ppsm
All Points TIN Dz	N/A	Slope	1.86 °

Project Context



World Imagery

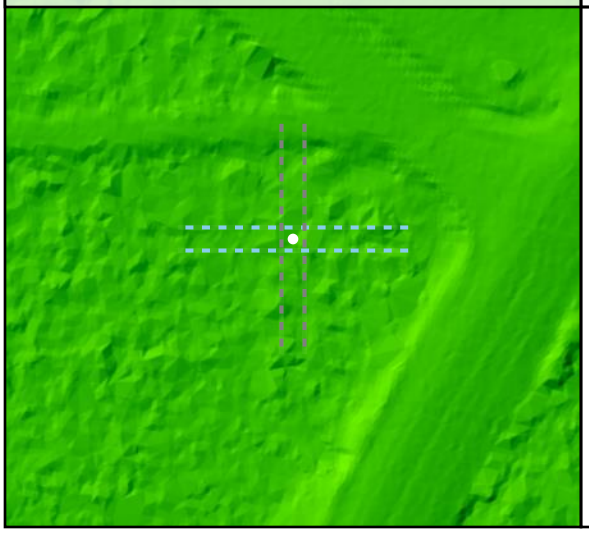
South to North



West to East

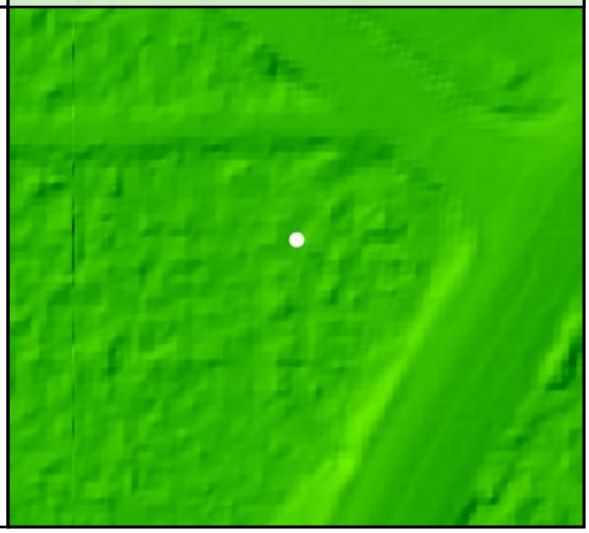
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

VVA - FO67

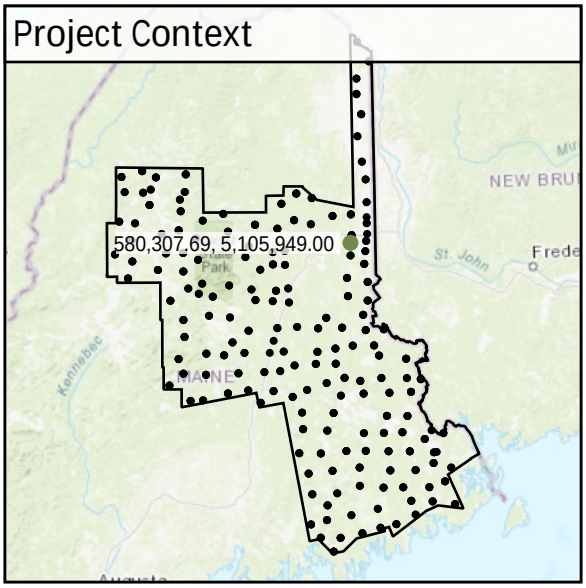
FO68

Known Z	125.75 m	Point Density	2.41 ppsm
DEM Dz	0.01 m	Ground Density	1.66 ppsm
All Points TIN Dz	N/A	Slope	11.54 °

DEM Dz +0.01 m

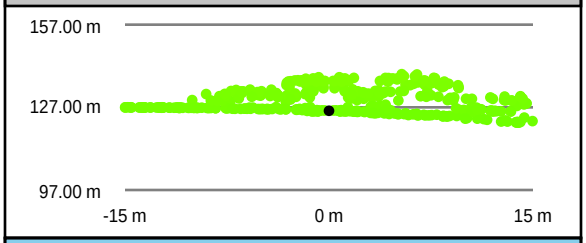
VVA - FO68

Project Context

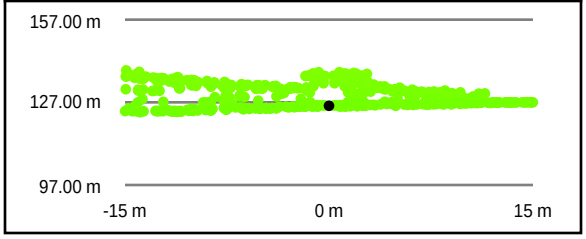


World Imagery

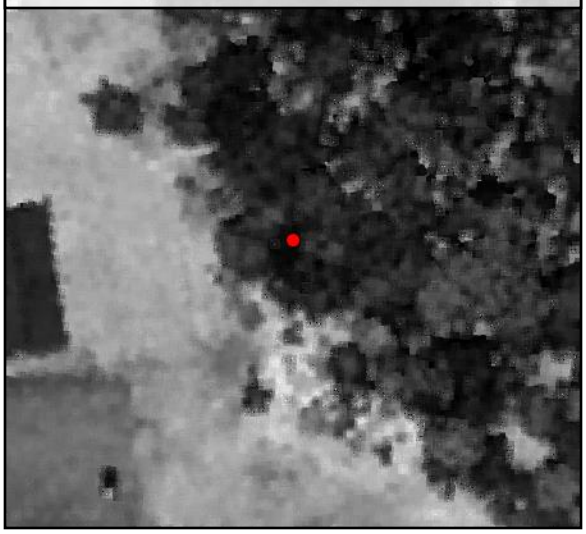
Southwest to Northeast



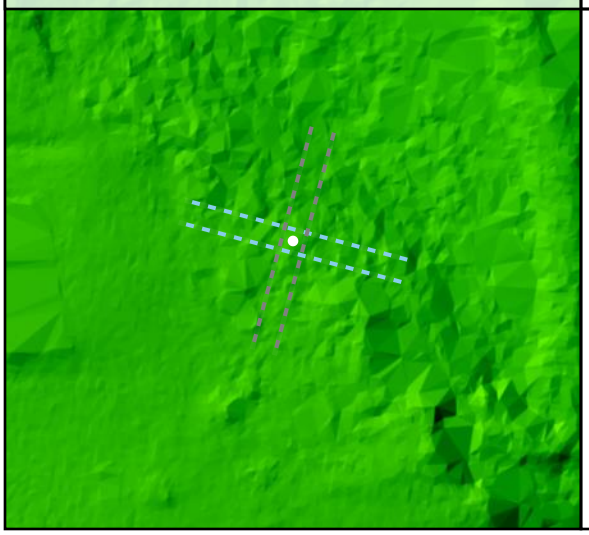
Southeast to Northwest



Intensity Raster

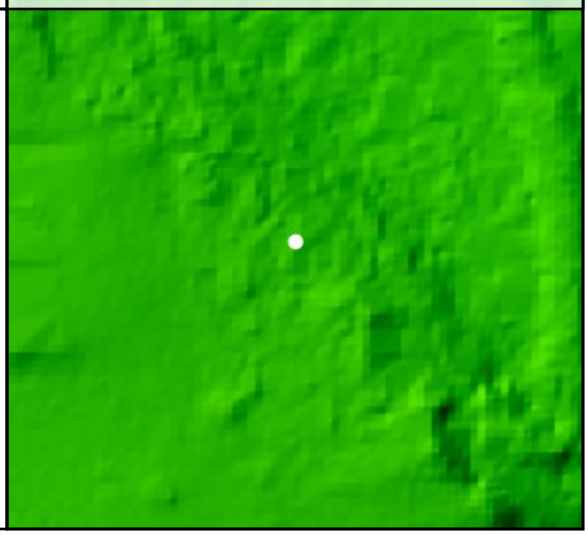


TIN Surface



Project Elevation

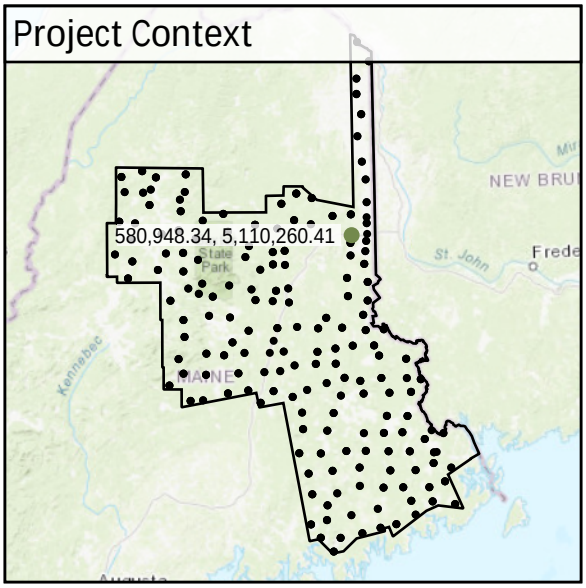
DEM Surface



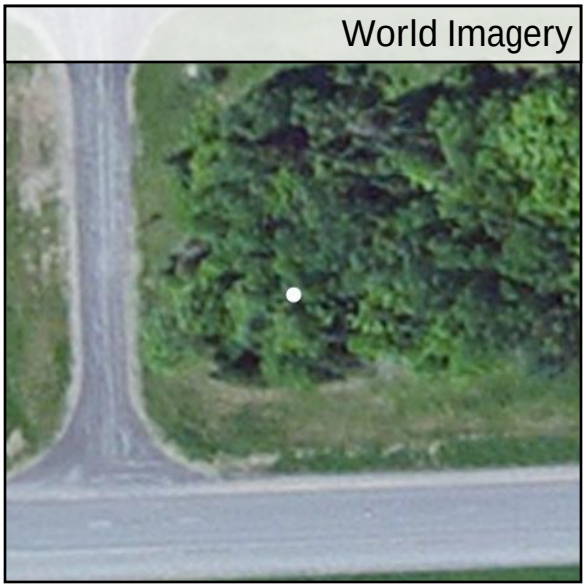
FO69

Known Z	164.53 m	Point Density	2.44 ppsm
DEM Dz	-0.01 m	Ground Density	1.56 ppsm
All Points TIN Dz	N/A	Slope	1.61 °

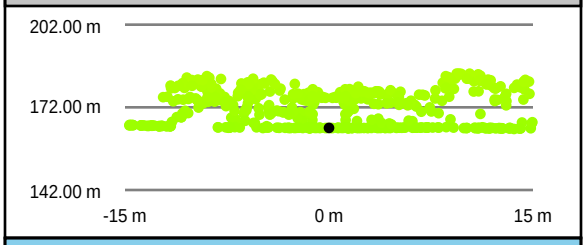
Project Context



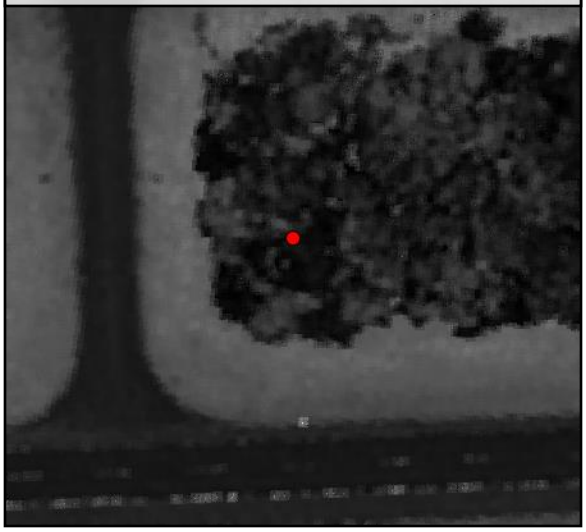
World Imagery



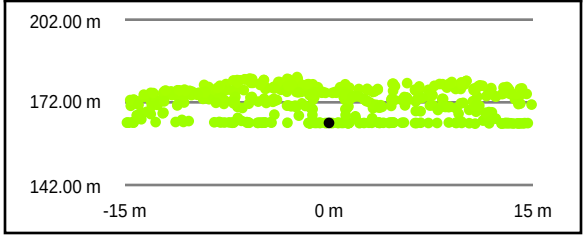
Southwest to Northeast



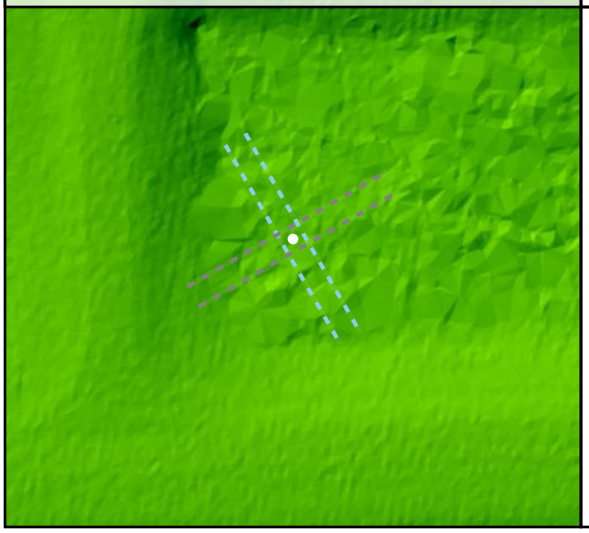
Intensity Raster



Southeast to Northwest

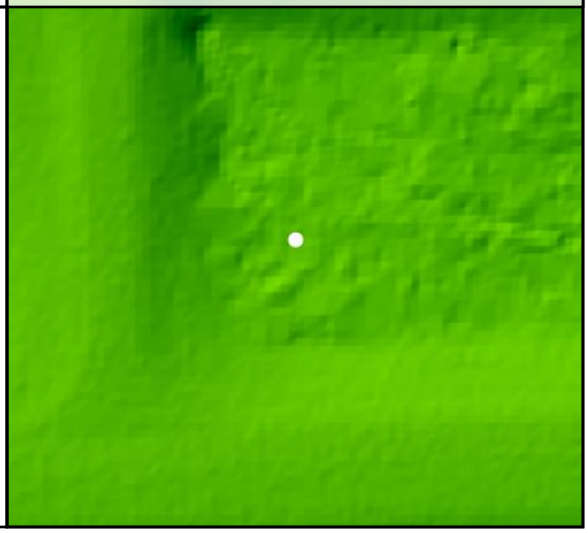


TIN Surface



Project Elevation

DEM Surface



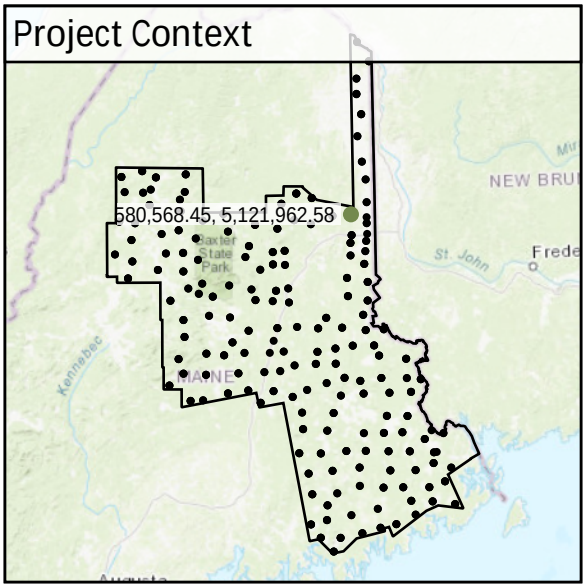
DEM Dz -0.01 m

VVA - FO69

FO70

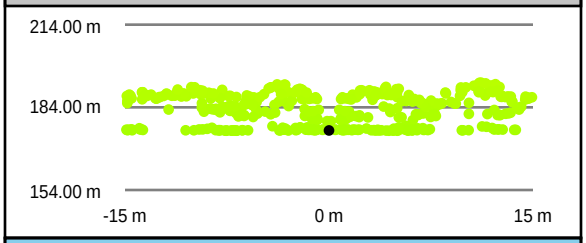
Known Z	175.61 m	Point Density	2.33 ppsm
DEM Dz	0.16 m	Ground Density	0.99 ppsm
All Points TIN Dz	N/A	Slope	3.97 °

Project Context

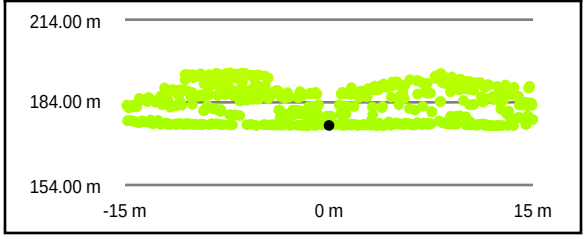


World Imagery

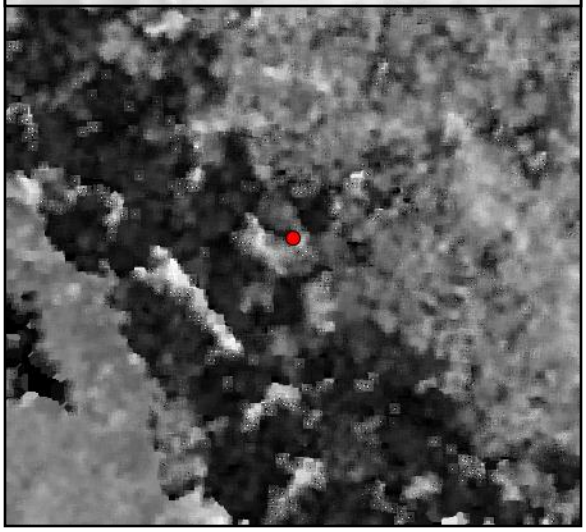
Southeast to Northwest



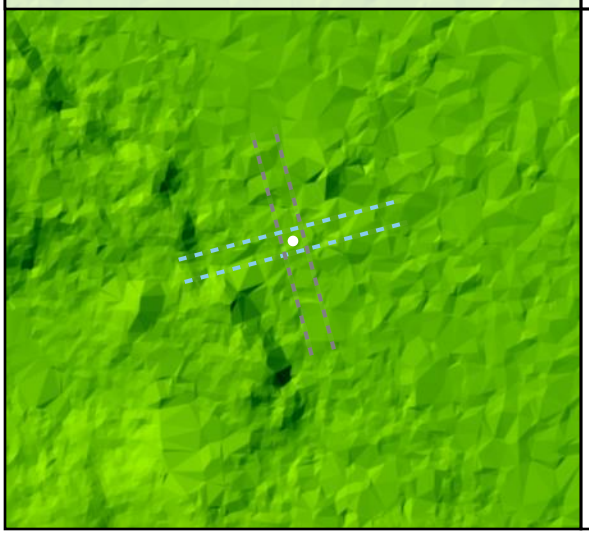
Southwest to Northeast



Intensity Raster

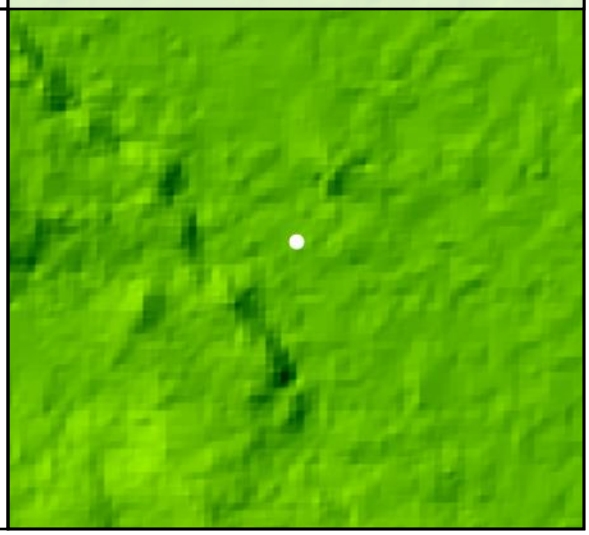


TIN Surface



Project Elevation

DEM Surface



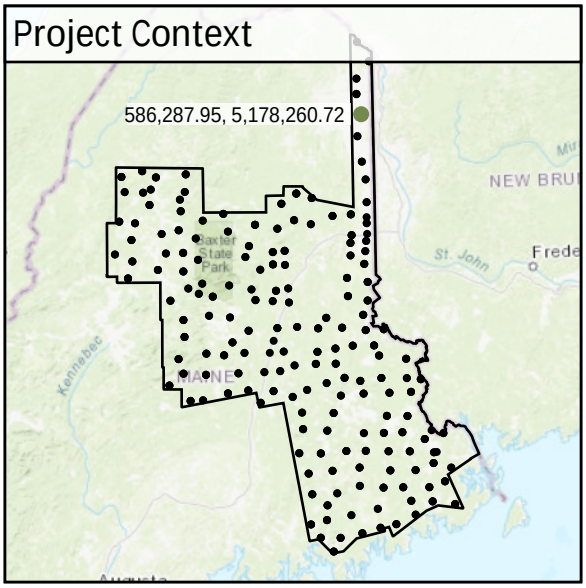
DEM Dz +0.16 m

VVA - FO70

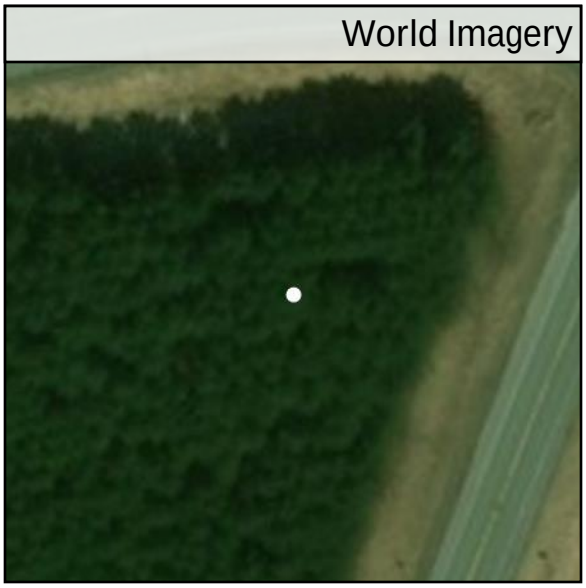
FO71

Known Z	179.78 m	Point Density	4.03 ppsm
DEM Dz	0.20 m	Ground Density	2.19 ppsm
All Points TIN Dz	N/A	Slope	5.11 °

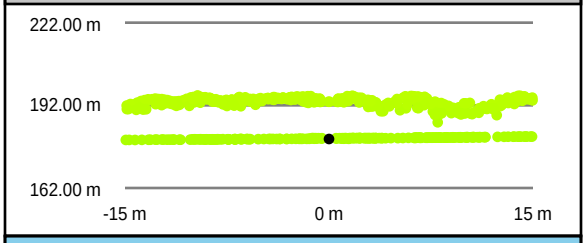
Project Context



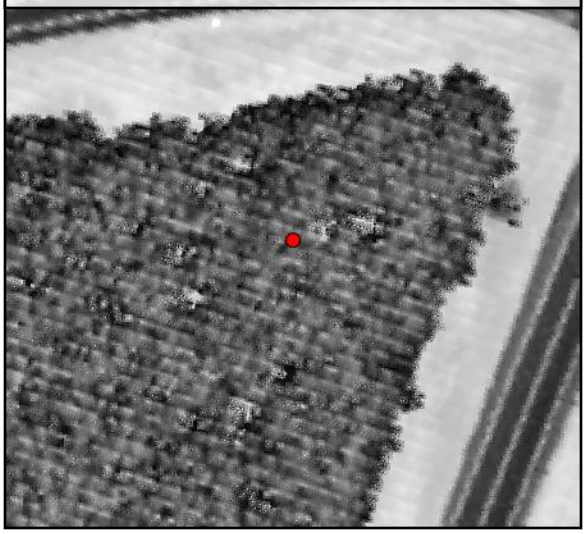
World Imagery



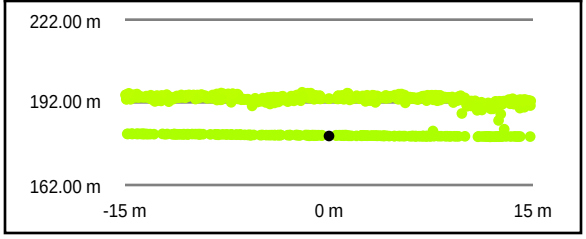
Southwest to Northeast



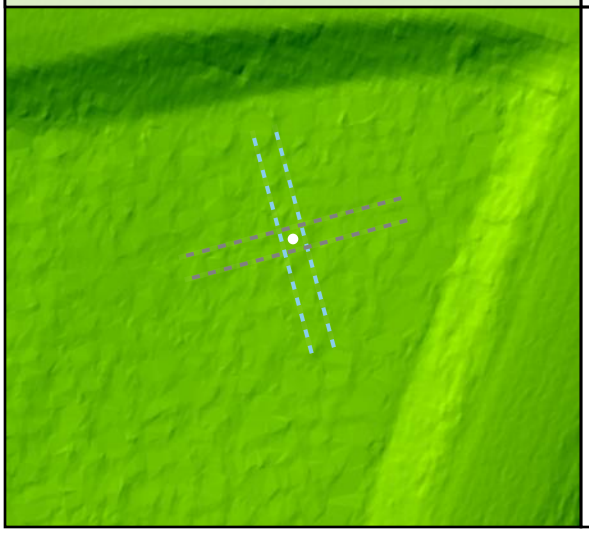
Intensity Raster



Southeast to Northwest



TIN Surface

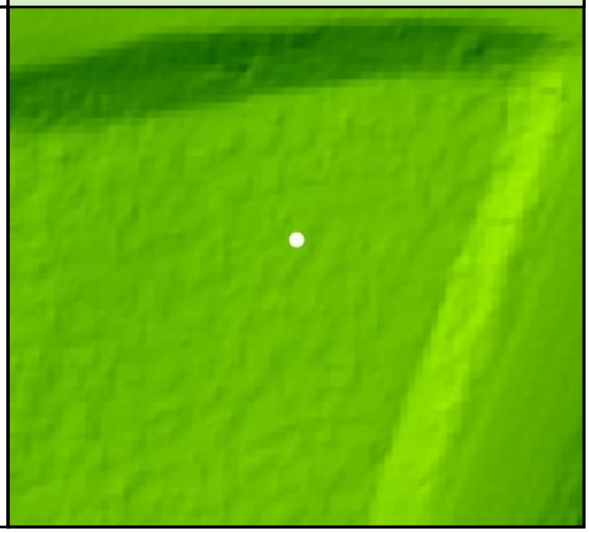


Project Elevation

501.87

16.77

DEM Surface



DEM Dz +0.20 m

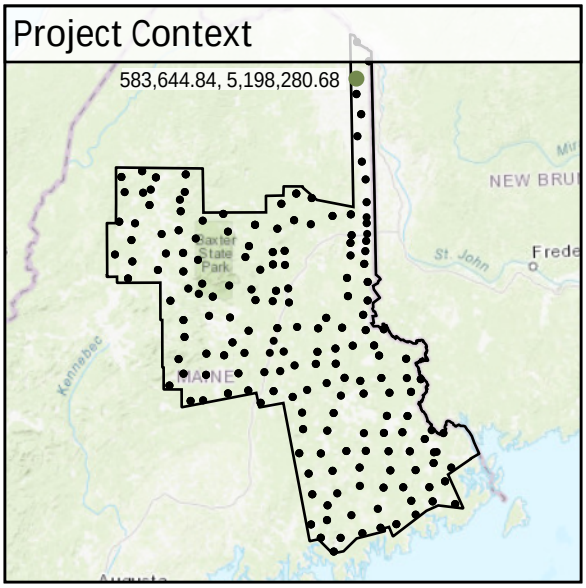
VVA - FO71

FO72				
	Known Z	203.22 m	Point Density	4.35 ppsm
	DEM Dz	0.18 m	Ground Density	2.23 ppsm
	All Points TIN Dz	N/A	Slope	4.43 °

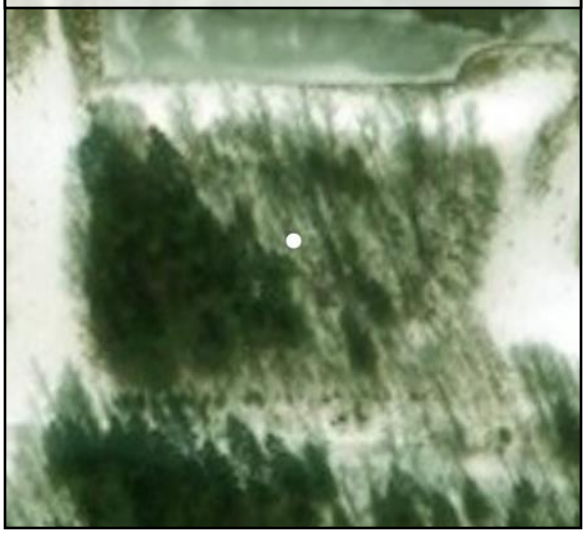
DEM Dz +0.18 m

VVA - FO72

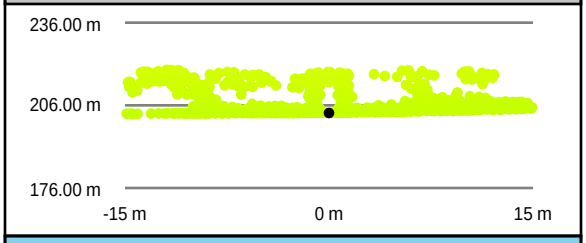
Project Context



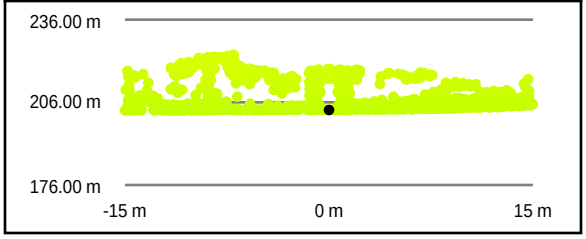
World Imagery



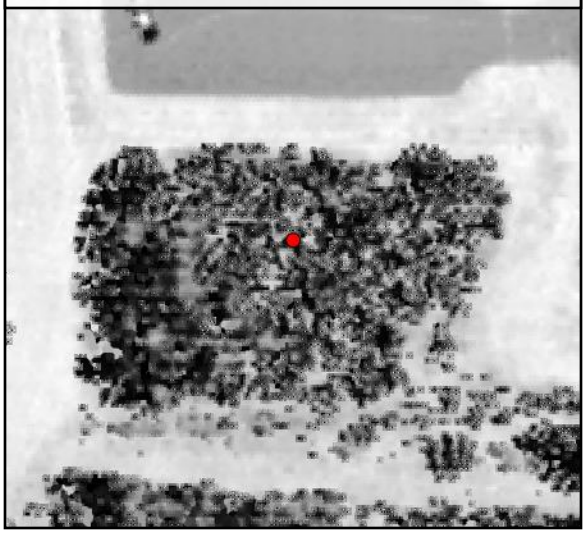
Southwest to Northeast



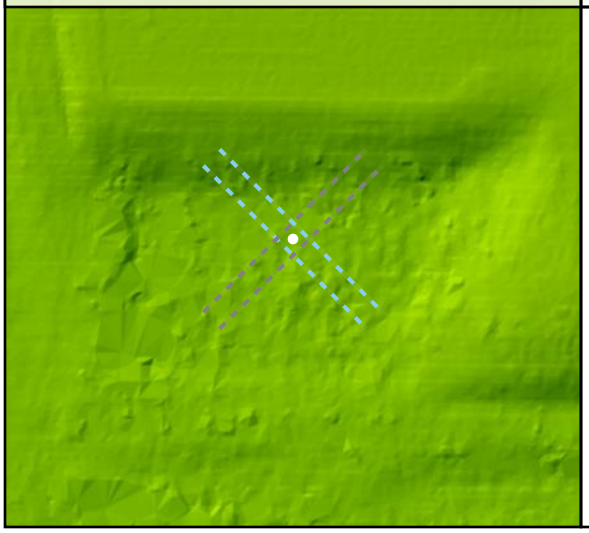
Southeast to Northwest



Intensity Raster

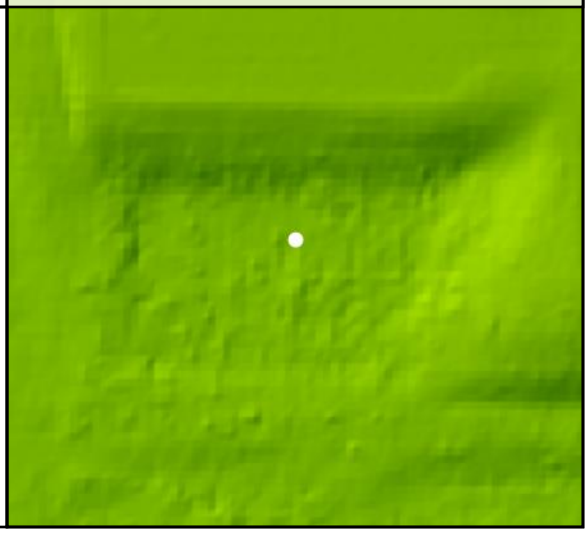


TIN Surface



Project Elevation

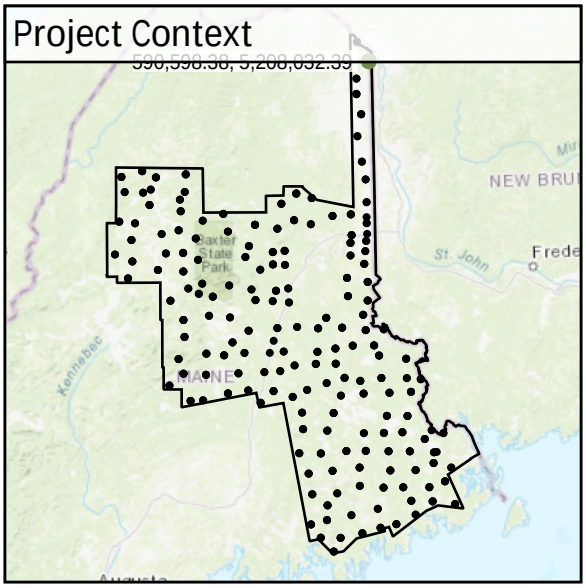
DEM Surface



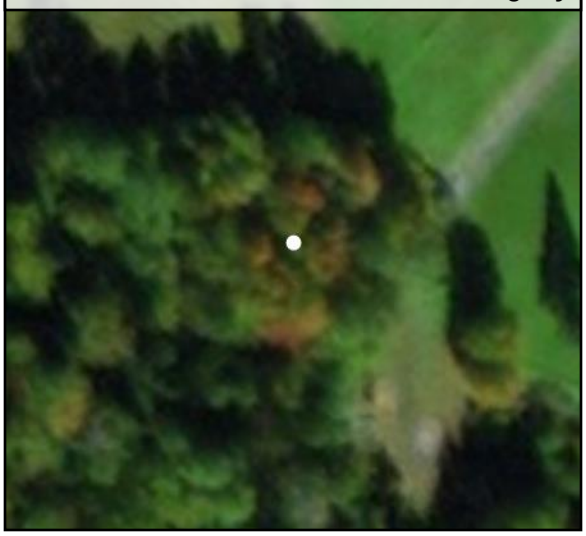
FO73

Known Z	233.88 m	Point Density	3.71 ppsm
DEM Dz	0.12 m	Ground Density	2.55 ppsm
All Points TIN Dz	N/A	Slope	6.01 °

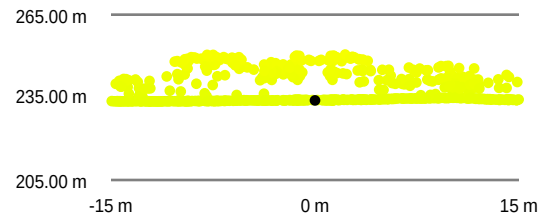
Project Context



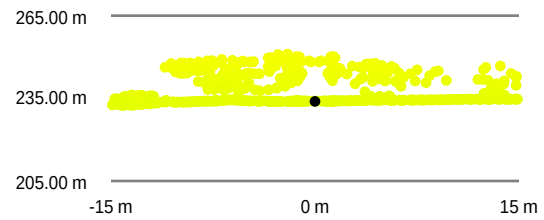
World Imagery



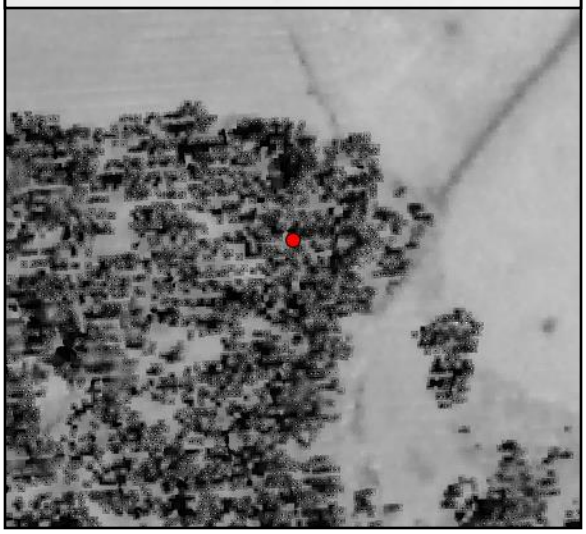
Southwest to Northeast



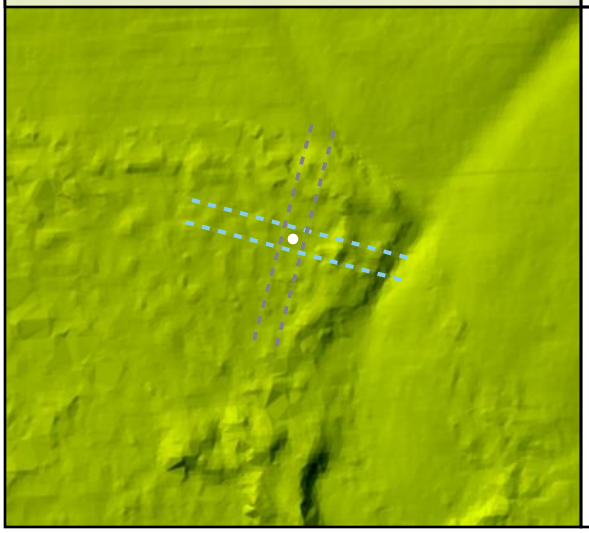
Southeast to Northwest



Intensity Raster

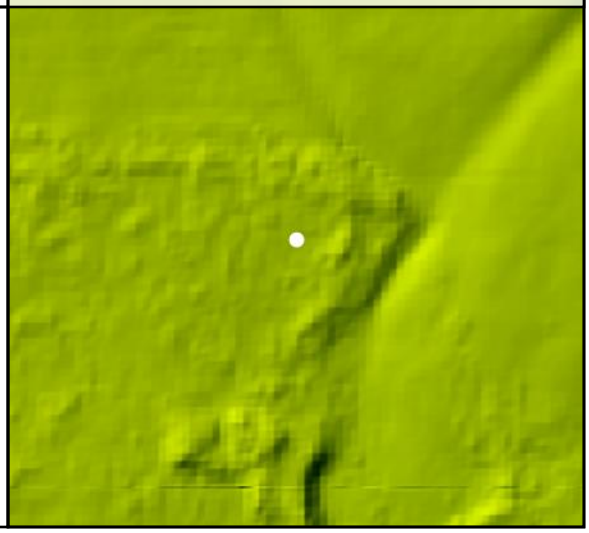


TIN Surface



Project Elevation

DEM Surface



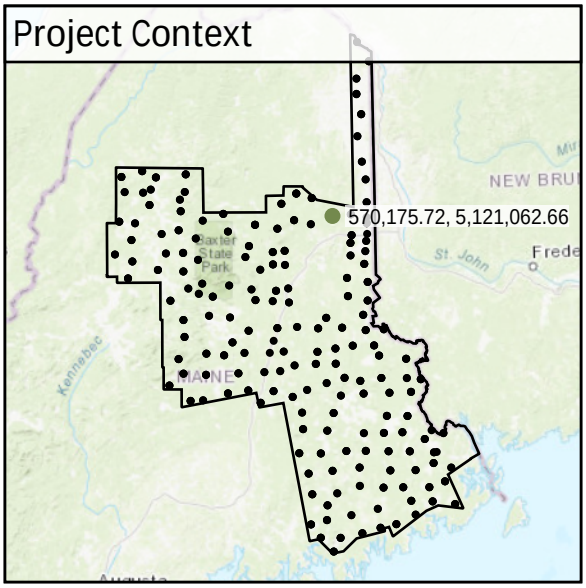
DEM Dz +0.12 m

VVA - FO73

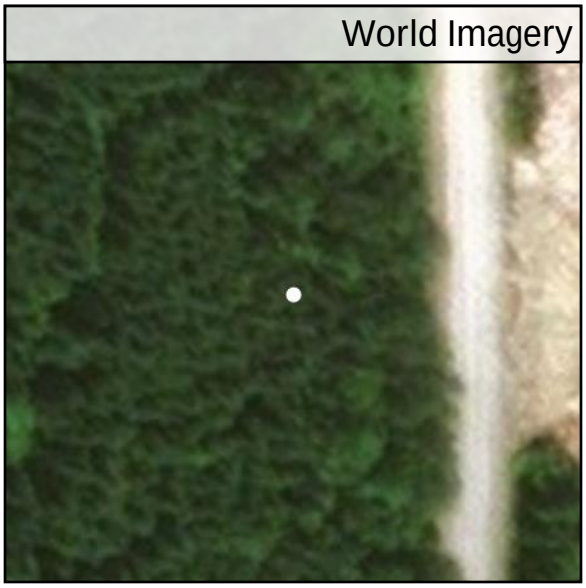
FO74

Known Z	256.63 m	Point Density	2.86 ppsm
DEM Dz	-0.09 m	Ground Density	0.50 ppsm
All Points TIN Dz	N/A	Slope	2.31 °

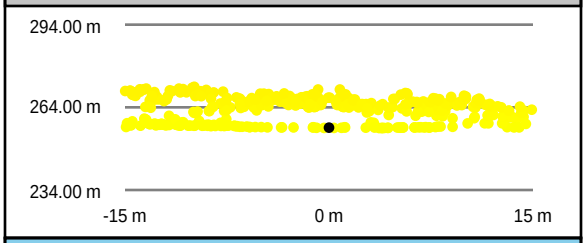
Project Context



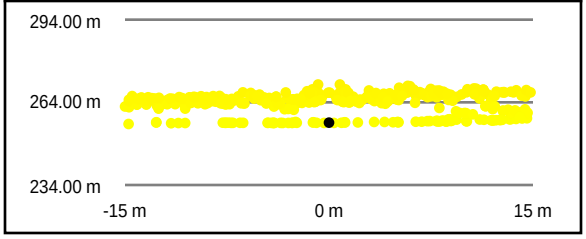
World Imagery



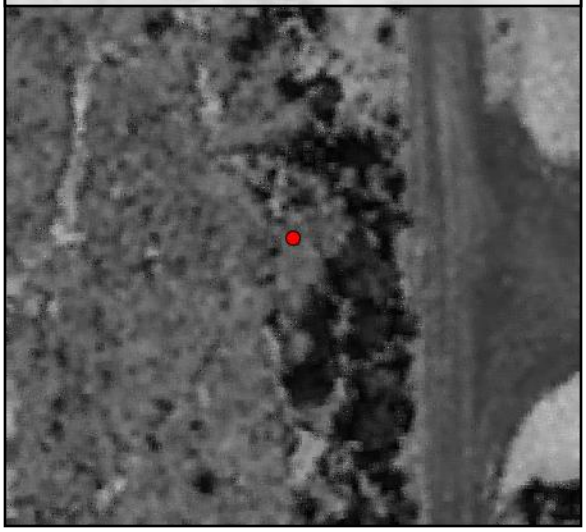
Southeast to Northwest



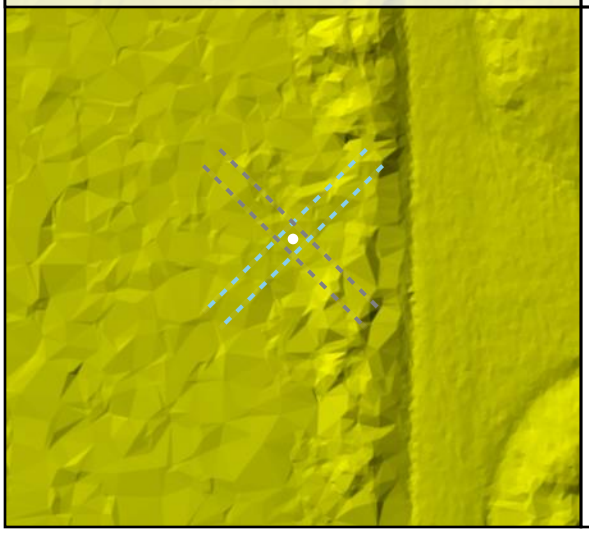
Southwest to Northeast



Intensity Raster



TIN Surface

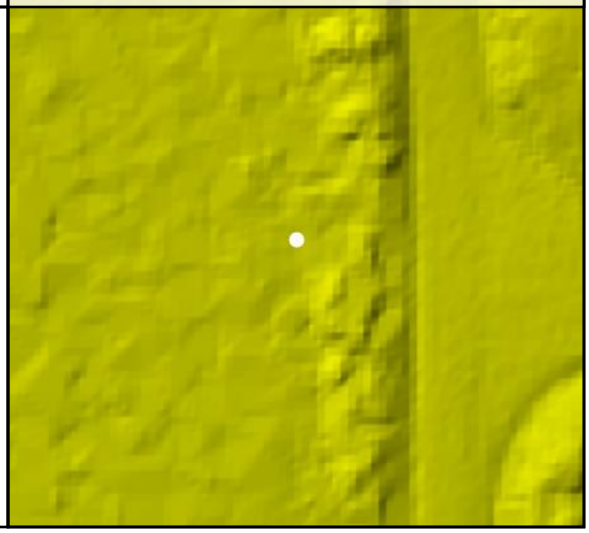


Project Elevation

501.87

16.77

DEM Surface



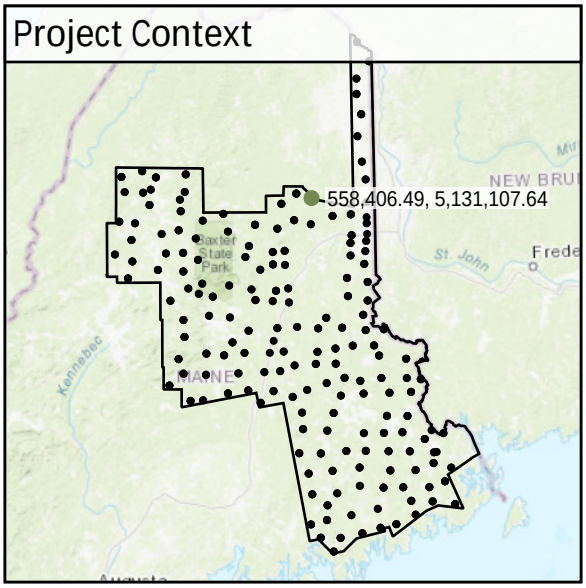
DEM Dz -0.09 m

VVA - FO74

FO75

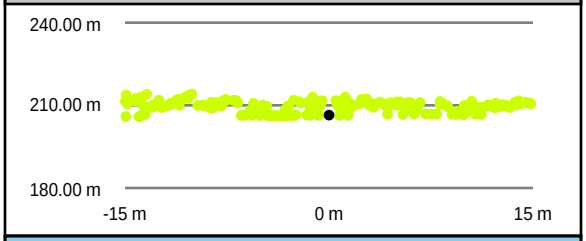
Known Z	206.44 m	Point Density	2.26 ppsm
DEM Dz	-0.02 m	Ground Density	0.25 ppsm
All Points TIN Dz	N/A	Slope	4.56 °

Project Context

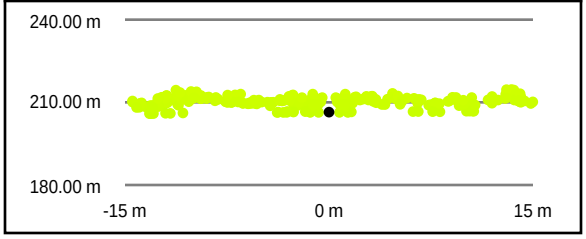


World Imagery

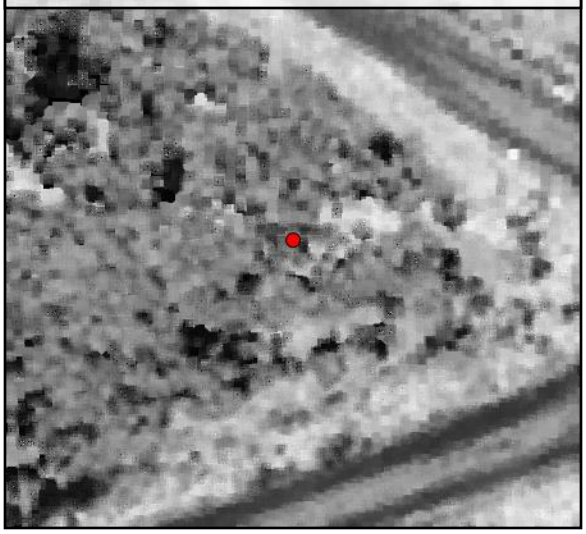
Southeast to Northwest



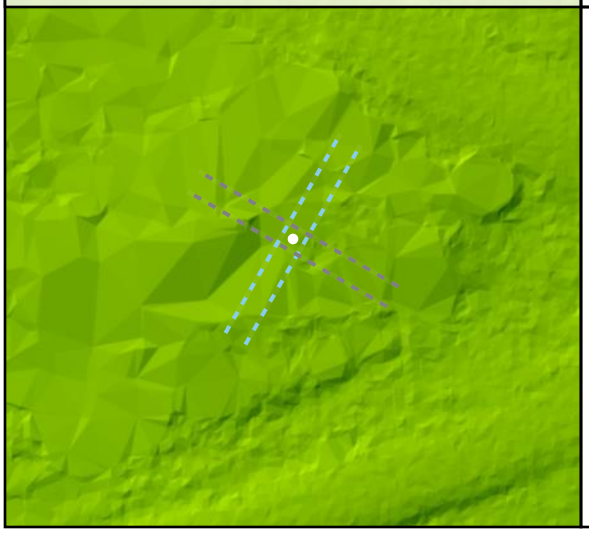
Southwest to Northeast



Intensity Raster

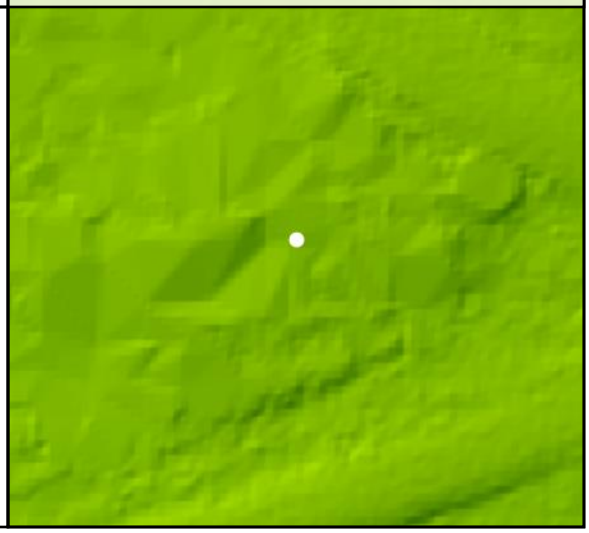


TIN Surface



Project Elevation

DEM Surface



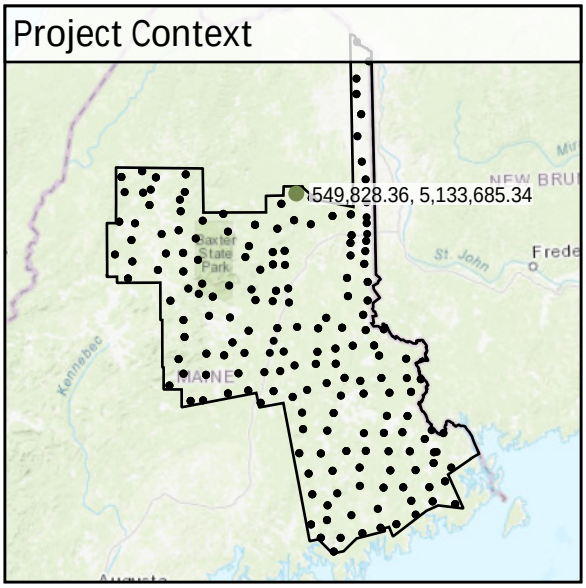
DEM Dz -0.02 m

VVA - FO75

FO76

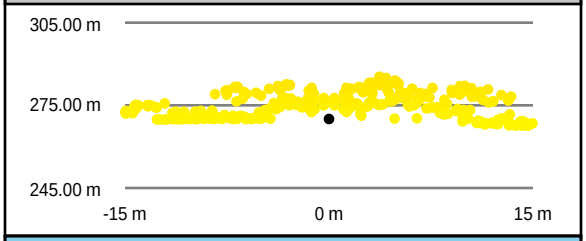
	Known Z	270.05 m	Point Density	2.37 ppsm
	DEM Dz	-0.05 m	Ground Density	0.14 ppsm
	All Points TIN Dz	N/A	Slope	1.46 °

Project Context

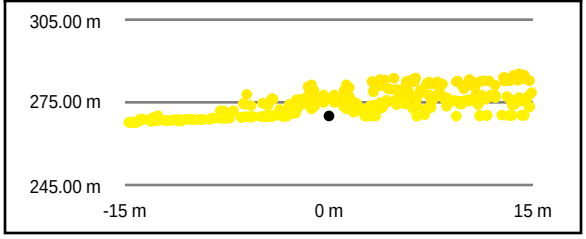


World Imagery

Southwest to Northeast

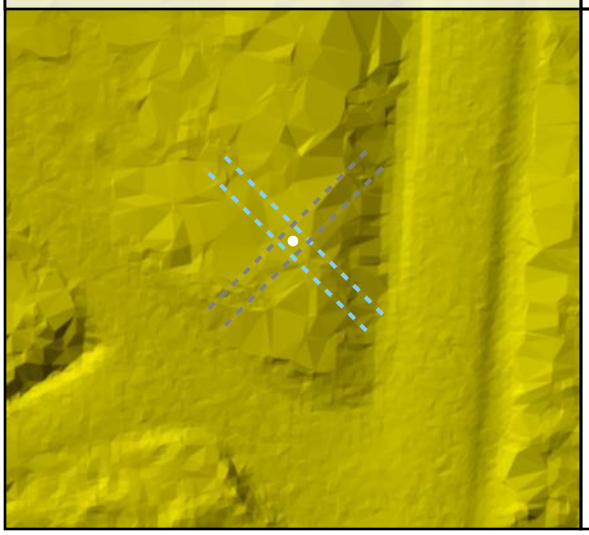


Southeast to Northwest



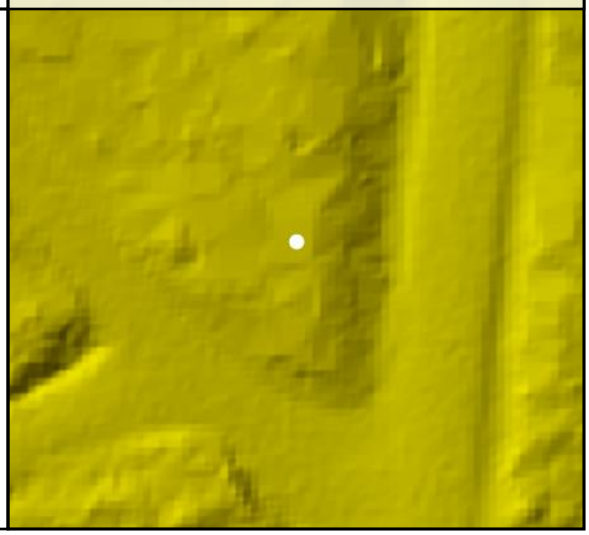
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



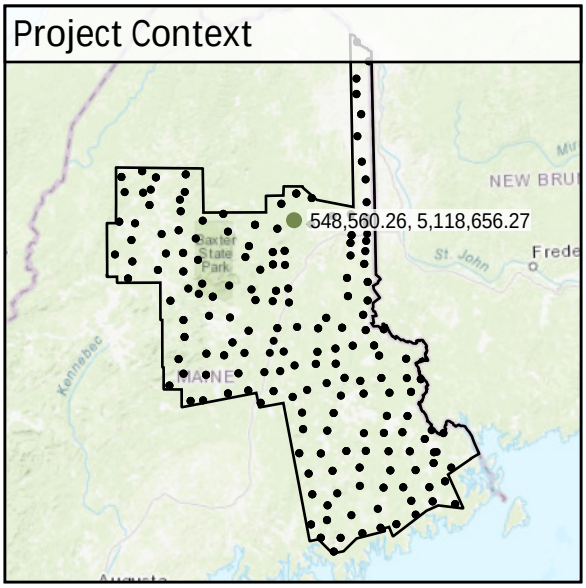
DEM Dz -0.05 m

VVA - FO76

FO77

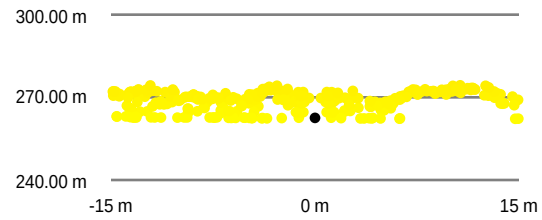
Known Z	262.54 m	Point Density	2.30 ppsm
DEM Dz	-0.05 m	Ground Density	0.21 ppsm
All Points TIN Dz	N/A	Slope	3.50 °

Project Context

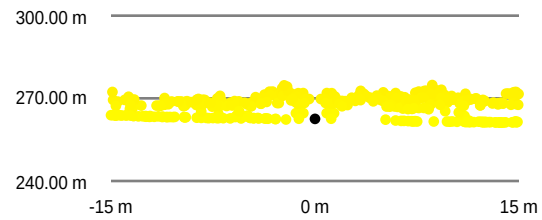


World Imagery

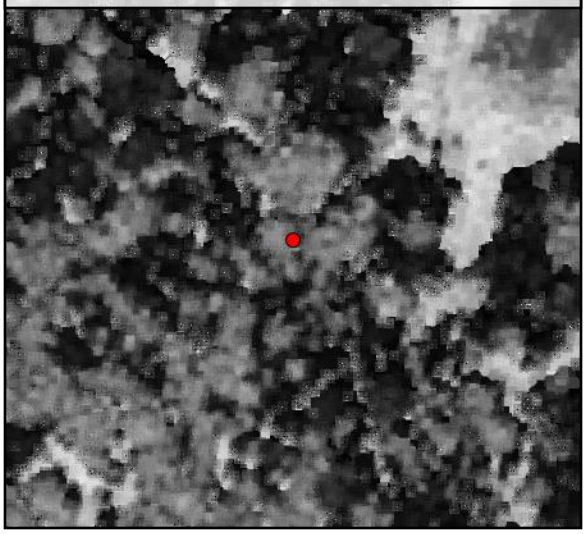
South to North



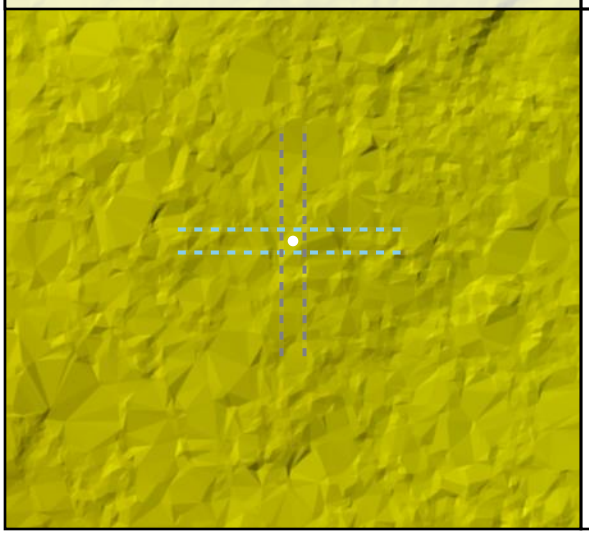
West to East



Intensity Raster

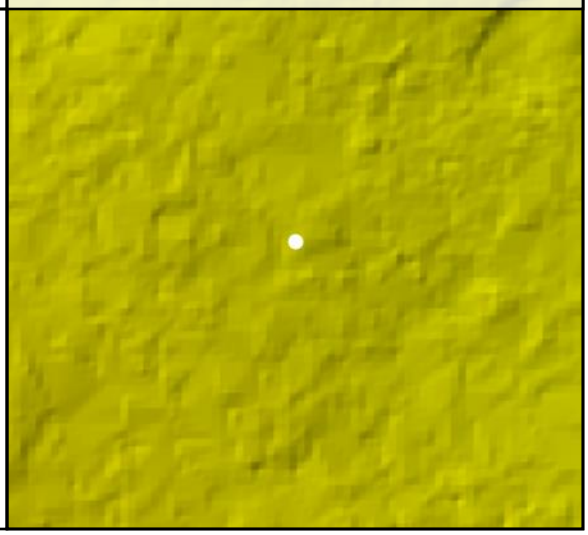


TIN Surface



Project Elevation

DEM Surface



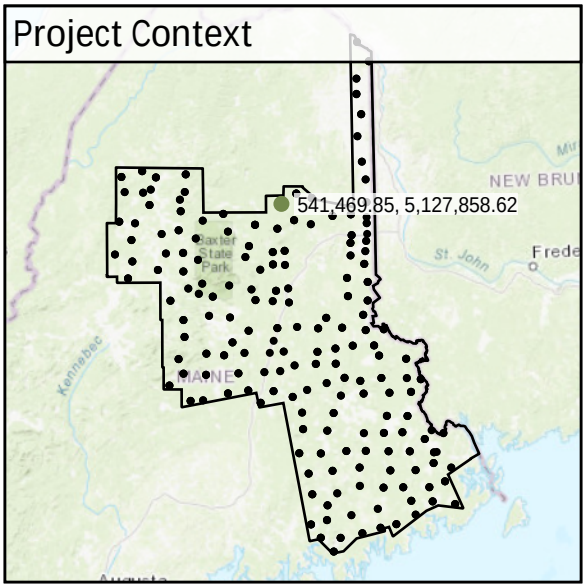
DEM Dz -0.05 m

VVA - FO77

FO78

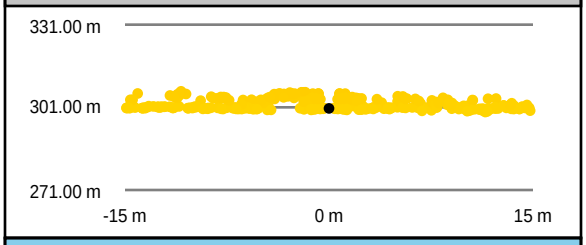
Known Z	300.61 m	Point Density	2.55 ppsm
DEM Dz	0.06 m	Ground Density	1.13 ppsm
All Points TIN Dz	N/A	Slope	22.13 °

Project Context

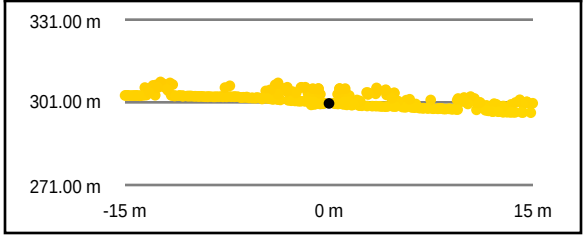


World Imagery

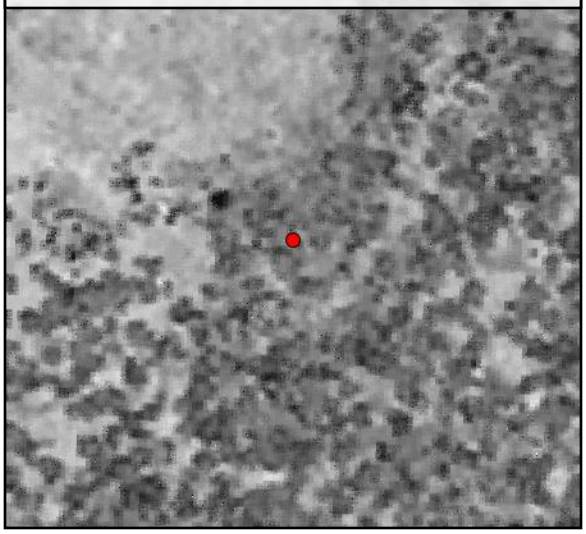
Southwest to Northeast



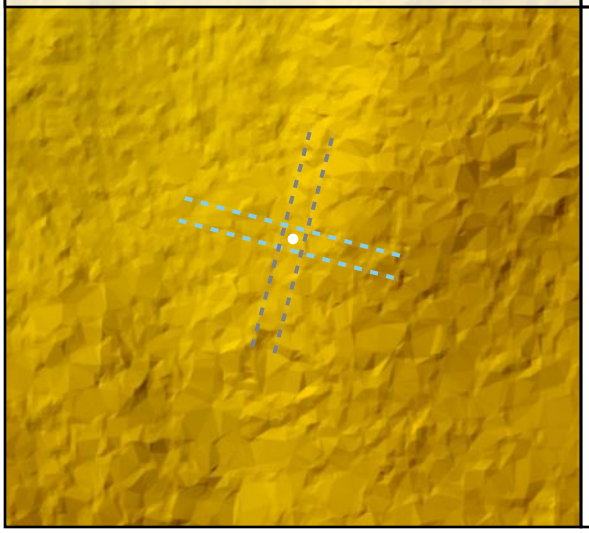
Southeast to Northwest



Intensity Raster

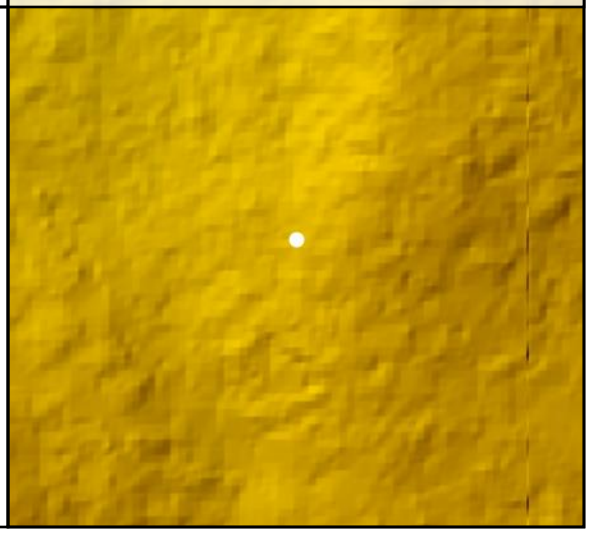


TIN Surface



Project Elevation

DEM Surface



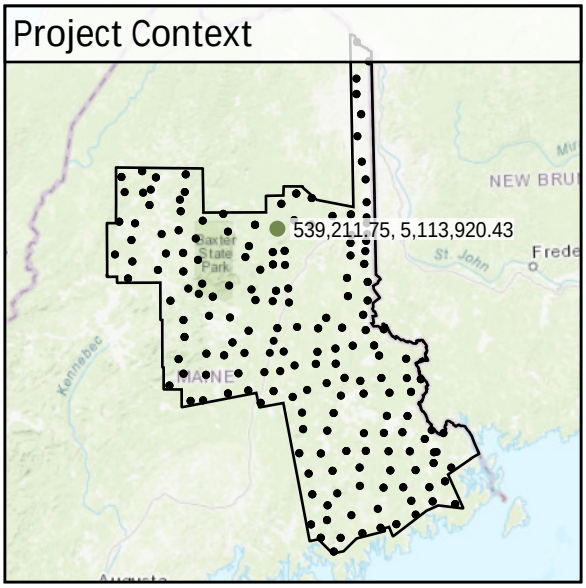
DEM Dz +0.06 m

VVA - FO78

FO79

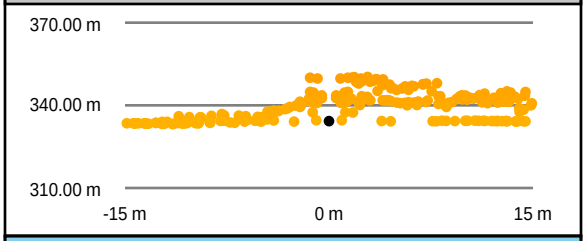
Known Z	334.27 m	Point Density	1.27 ppsm
DEM Dz	0.17 m	Ground Density	0.07 ppsm
All Points TIN Dz	N/A	Slope	5.93 °

Project Context

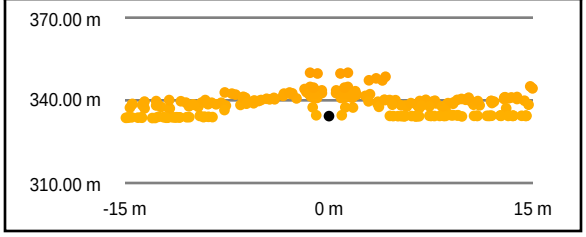


World Imagery

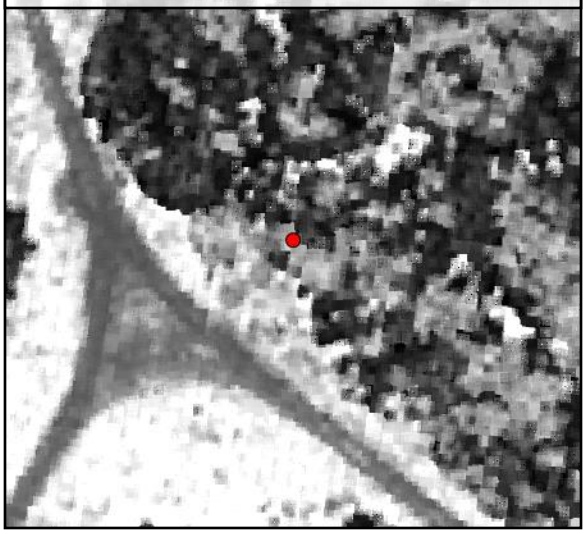
Southwest to Northeast



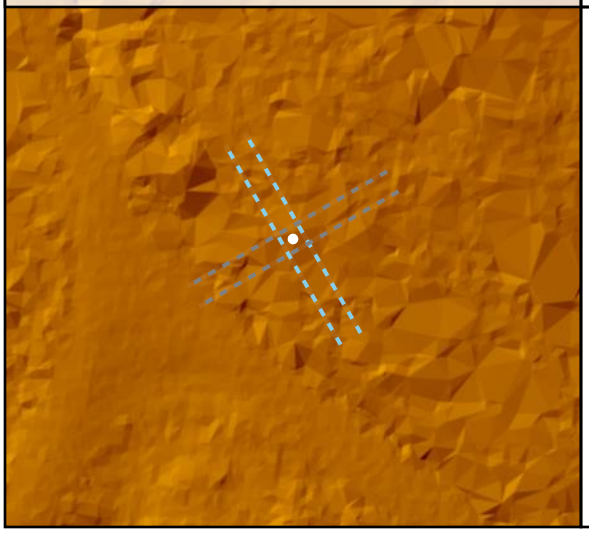
Southeast to Northwest



Intensity Raster

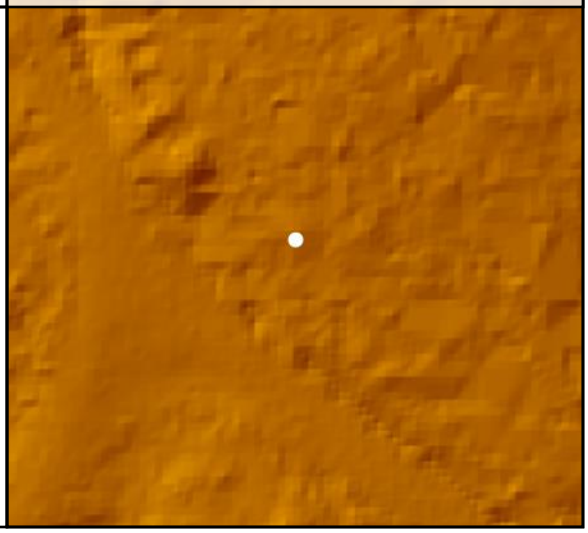


TIN Surface



Project Elevation

DEM Surface



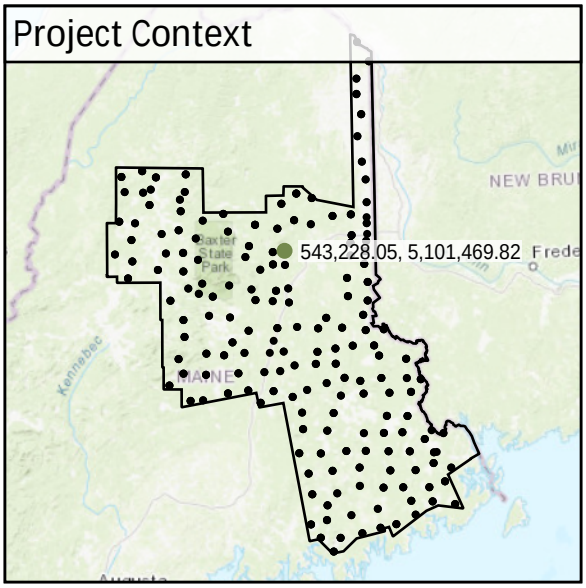
DEM Dz +0.17 m

VVA - FO79

FO80

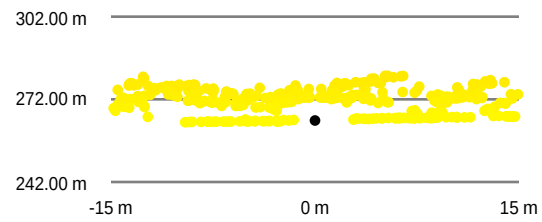
Known Z	264.32 m	Point Density	2.58 ppsm
DEM Dz	0.15 m	Ground Density	0.42 ppsm
All Points TIN Dz	N/A	Slope	5.16 °

Project Context

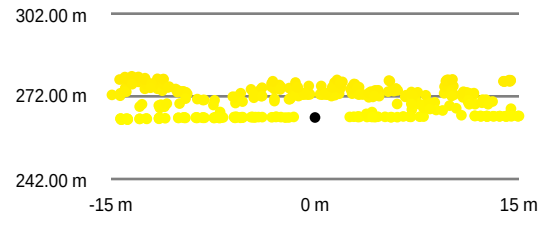


World Imagery

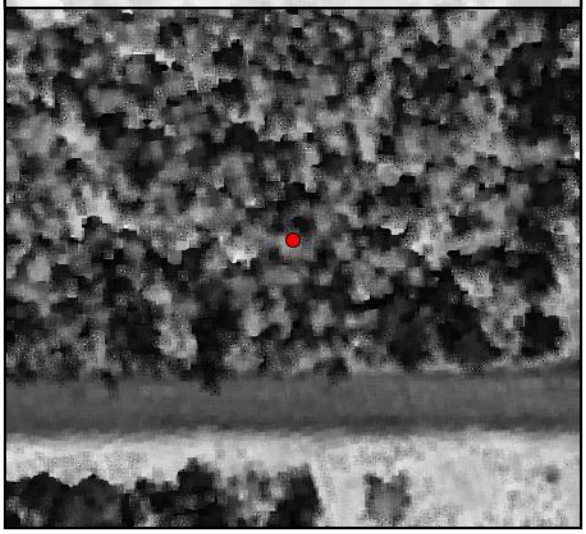
Southeast to Northwest



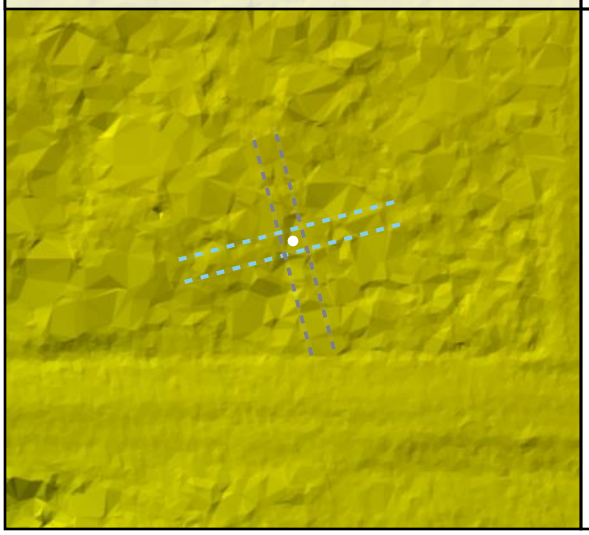
Southwest to Northeast



Intensity Raster

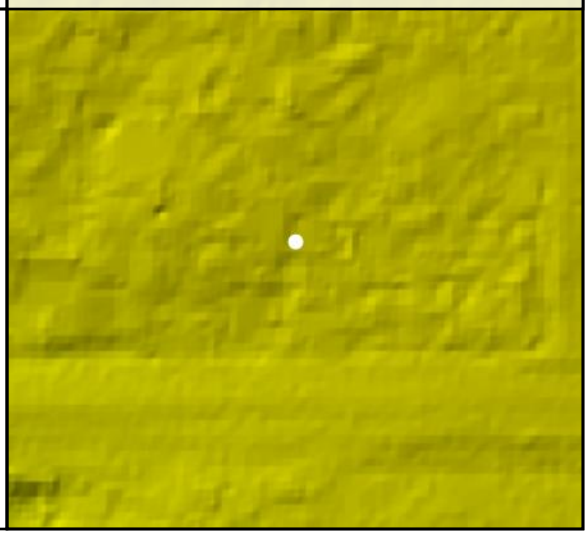


TIN Surface



Project Elevation

DEM Surface



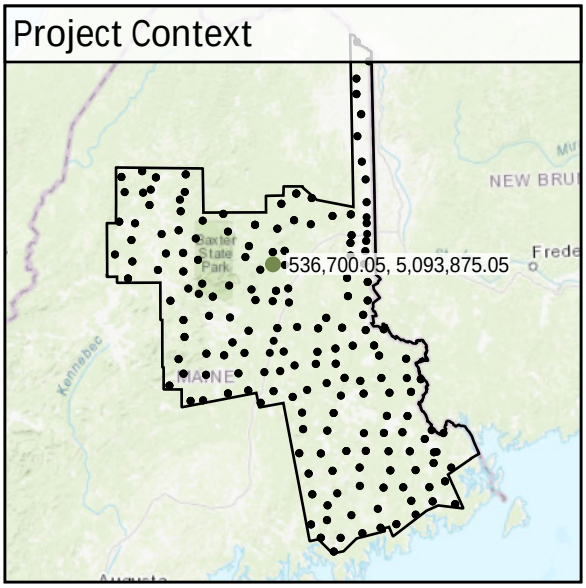
DEM Dz +0.15 m

VVA - FO80

FO81

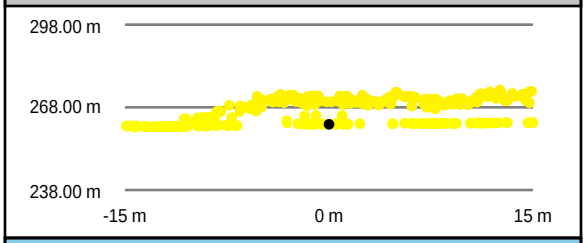
Known Z	261.84 m	Point Density	2.09 ppsm
DEM Dz	0.11 m	Ground Density	1.13 ppsm
All Points TIN Dz	N/A	Slope	2.49 °

Project Context

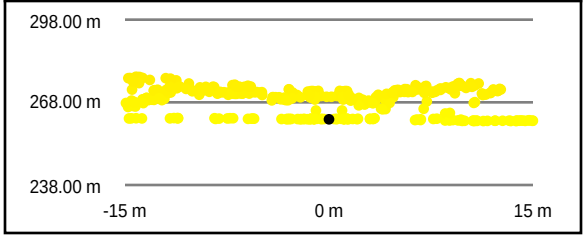


World Imagery

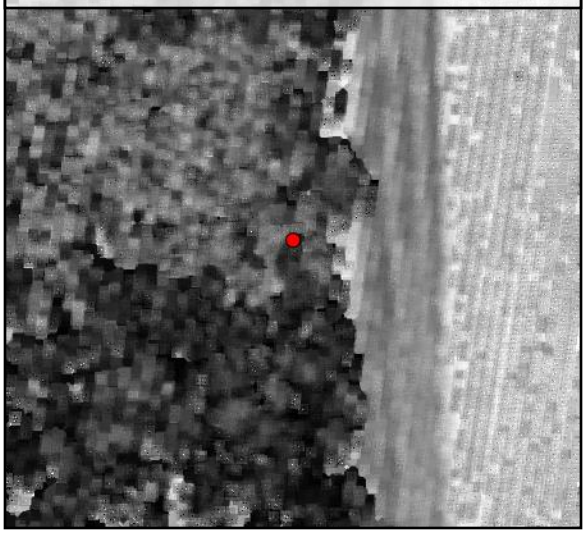
Southeast to Northwest



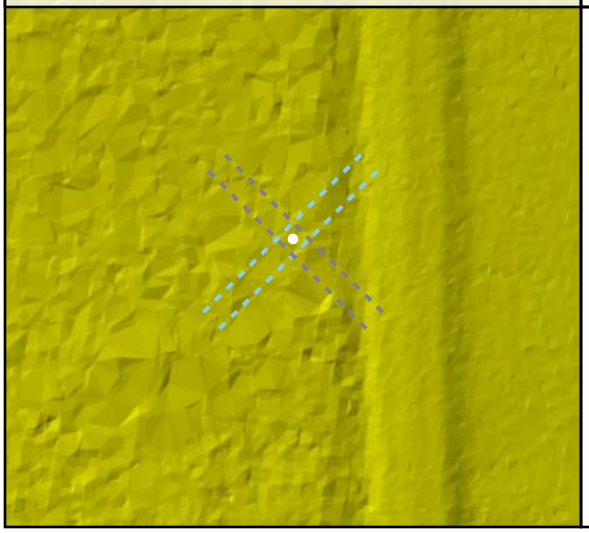
Southwest to Northeast



Intensity Raster

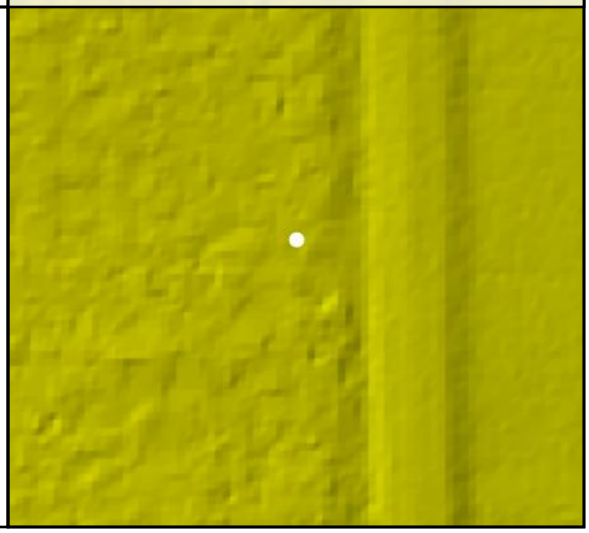


TIN Surface



Project Elevation

DEM Surface



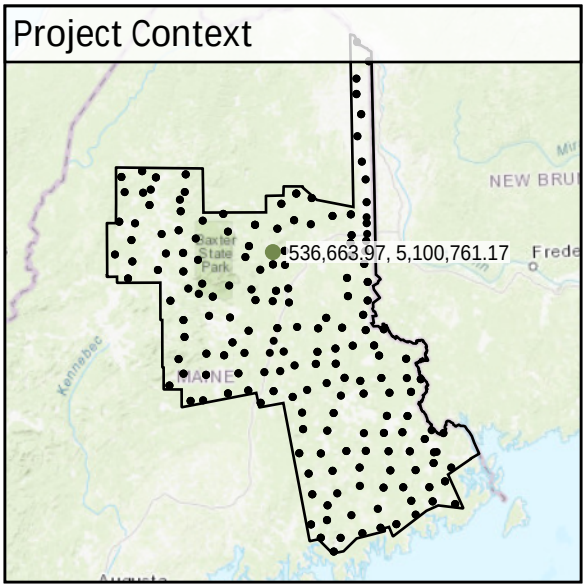
DEM Dz +0.11 m

VVA - FO81

FO82

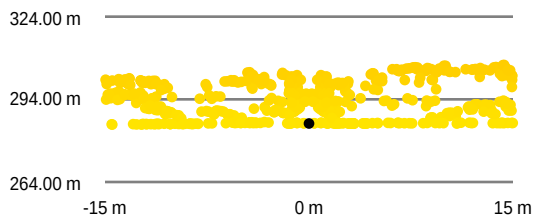
Known Z	285.23 m	Point Density	2.90 ppsm
DEM Dz	0.12 m	Ground Density	1.41 ppsm
All Points TIN Dz	N/A	Slope	2.63 °

Project Context

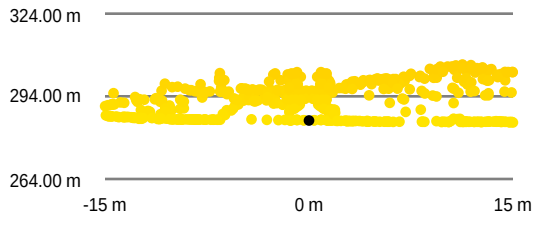


World Imagery

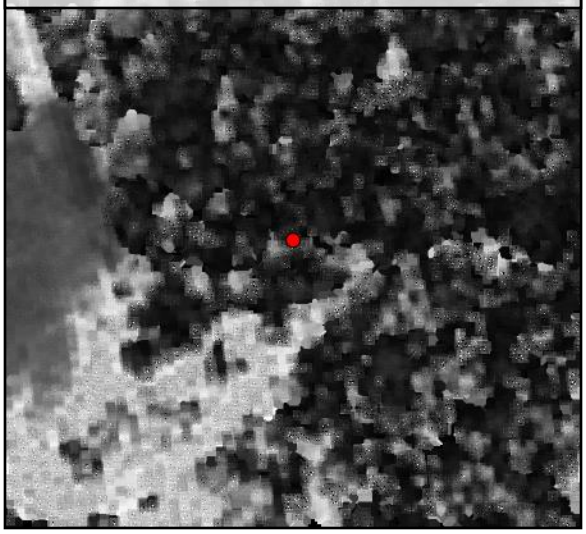
Southeast to Northwest



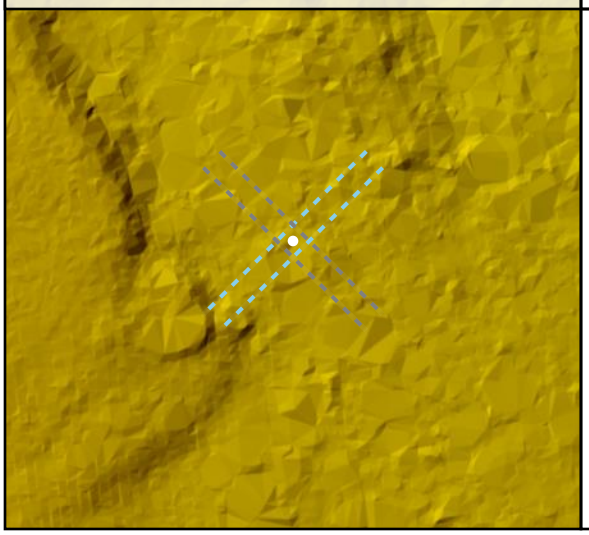
Southwest to Northeast



Intensity Raster

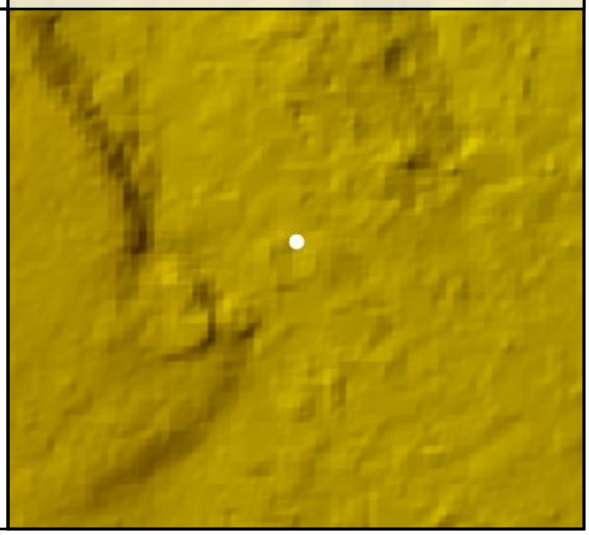


TIN Surface



Project Elevation

DEM Surface



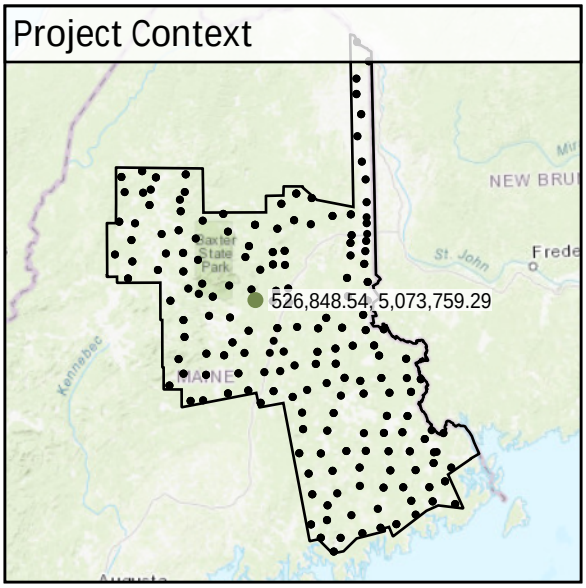
DEM Dz +0.12 m

VVA - FO82

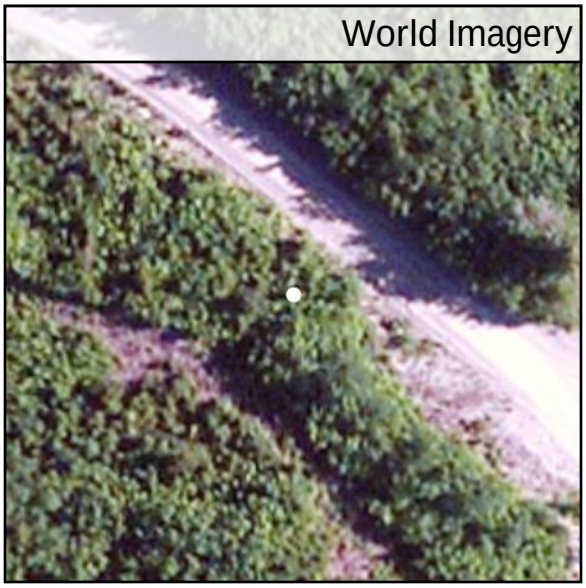
FO83

Known Z	170.32 m	Point Density	2.55 ppsm
DEM Dz	-0.06 m	Ground Density	0.64 ppsm
All Points TIN Dz	N/A	Slope	11.97 °

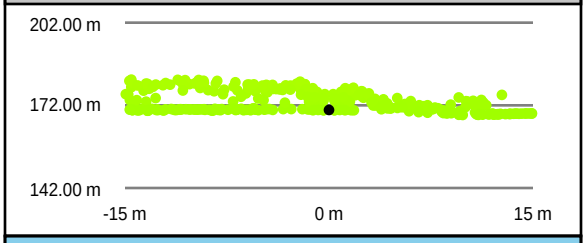
Project Context



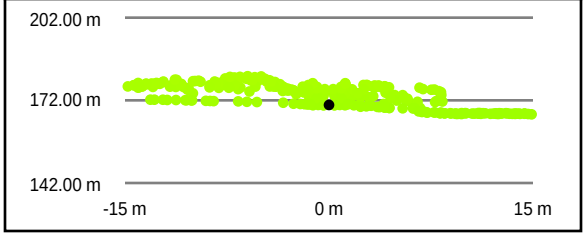
World Imagery



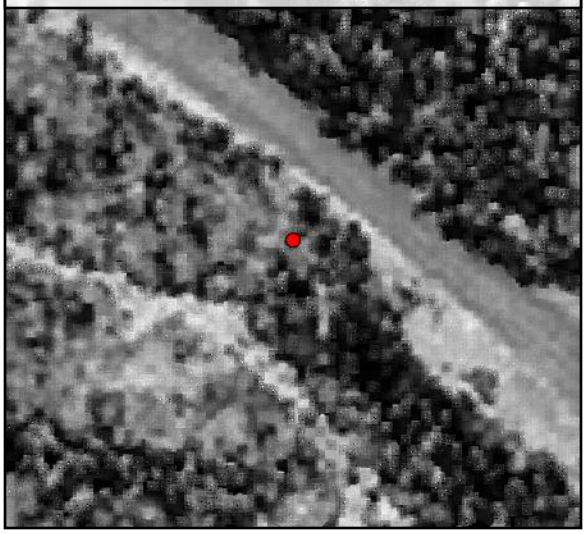
Southeast to Northwest



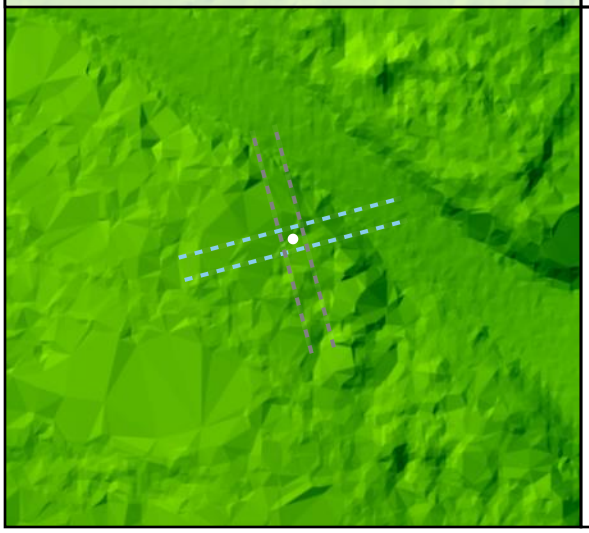
Southwest to Northeast



Intensity Raster

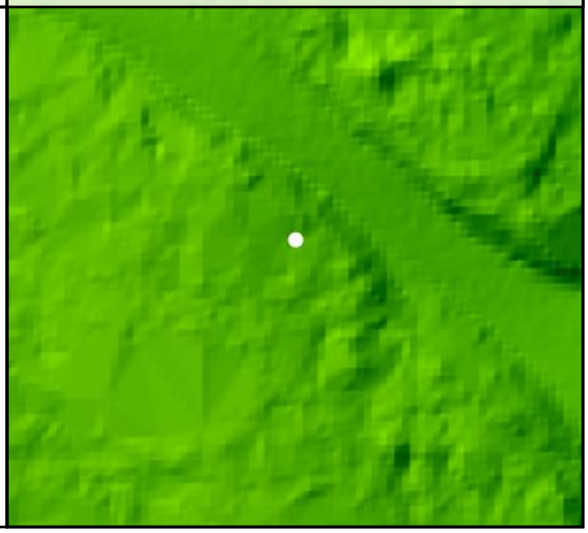


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

VVA - FO83

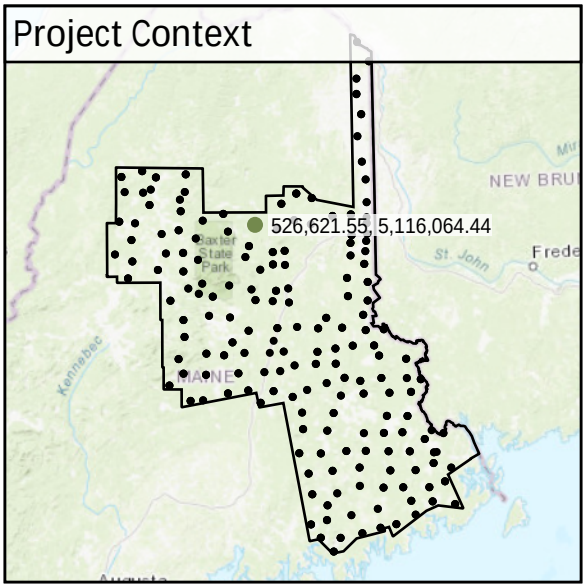
FO84

Known Z	242.49 m	Point Density	1.84 ppsm
DEM Dz	0.06 m	Ground Density	0.42 ppsm
All Points TIN Dz	N/A	Slope	11.12 °

DEM Dz +0.06 m

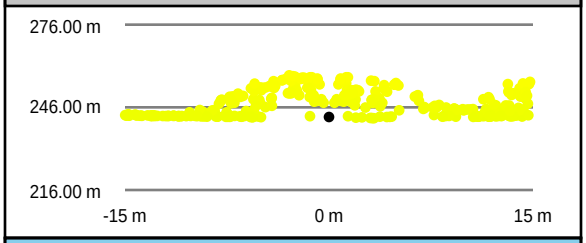
VVA - FO84

Project Context

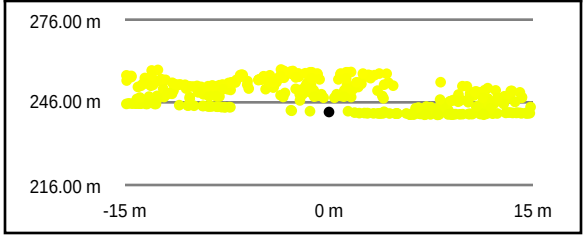


World Imagery

Southeast to Northwest

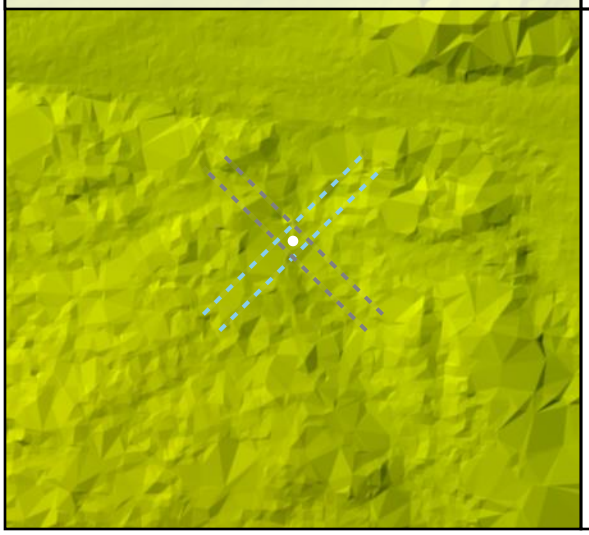


Southwest to Northeast



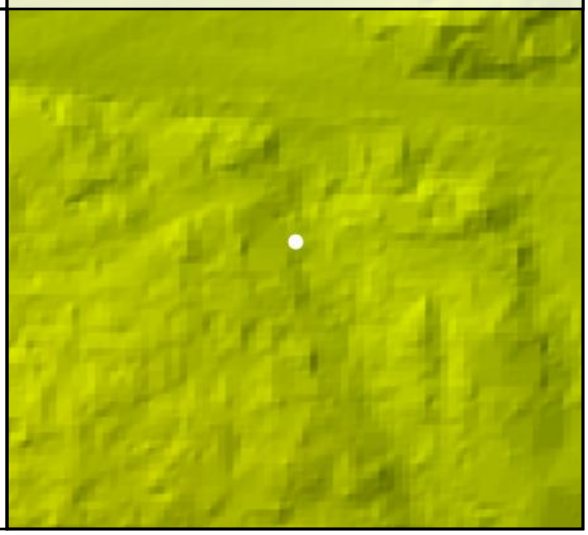
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



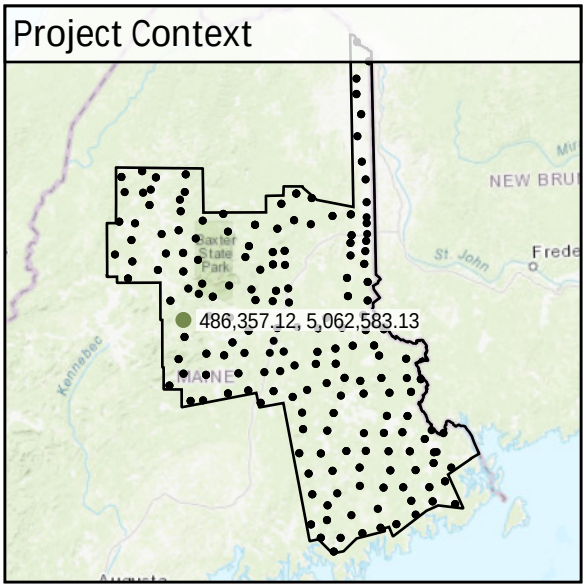
FO85

Known Z	295.87 m	Point Density	2.44 ppsm
DEM Dz	0.03 m	Ground Density	0.60 ppsm
All Points TIN Dz	N/A	Slope	4.11 °

DEM Dz +0.03 m

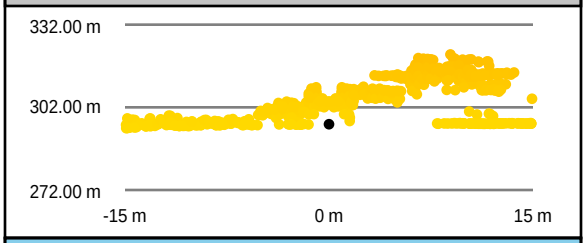
VVA - FO85

Project Context

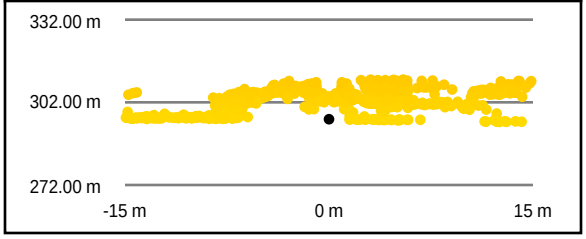


World Imagery

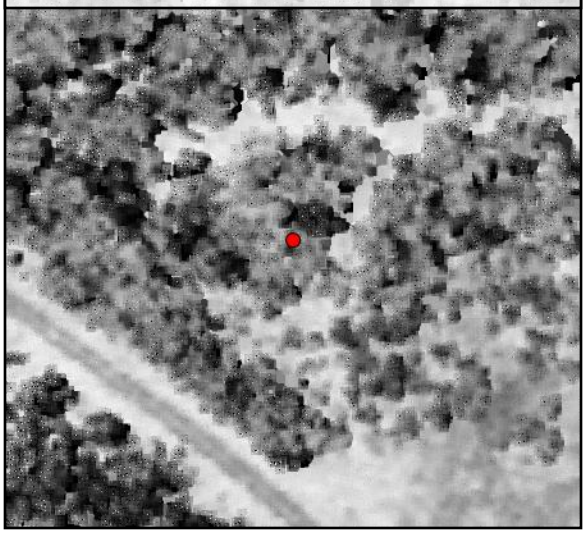
Southeast to Northwest



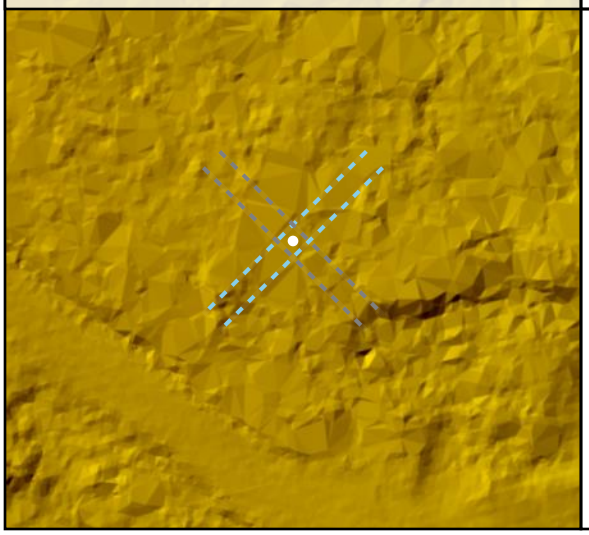
Southwest to Northeast



Intensity Raster

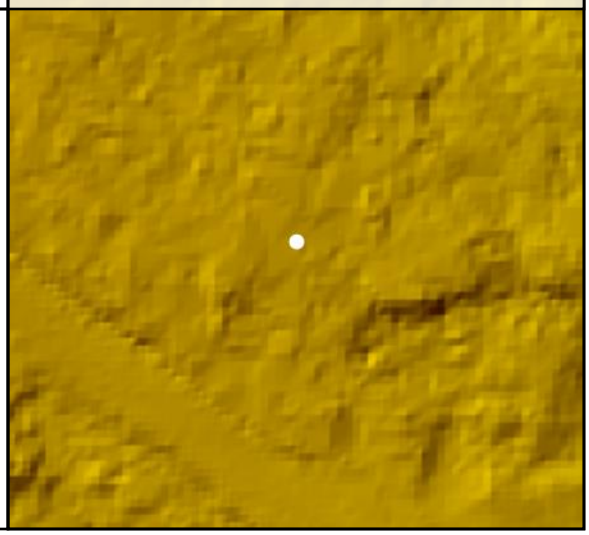


TIN Surface



Project Elevation

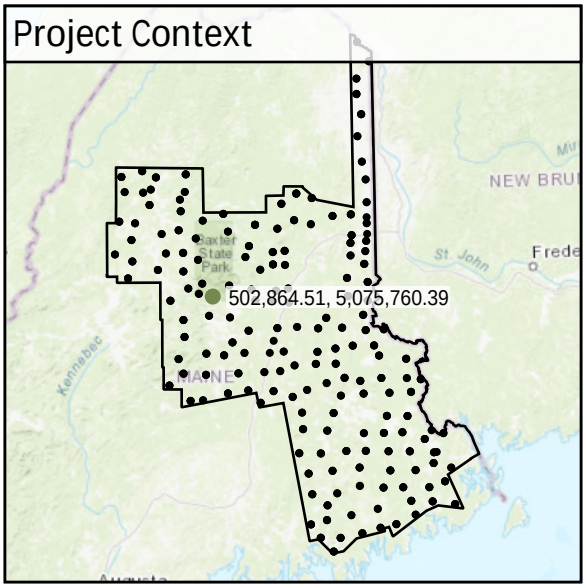
DEM Surface



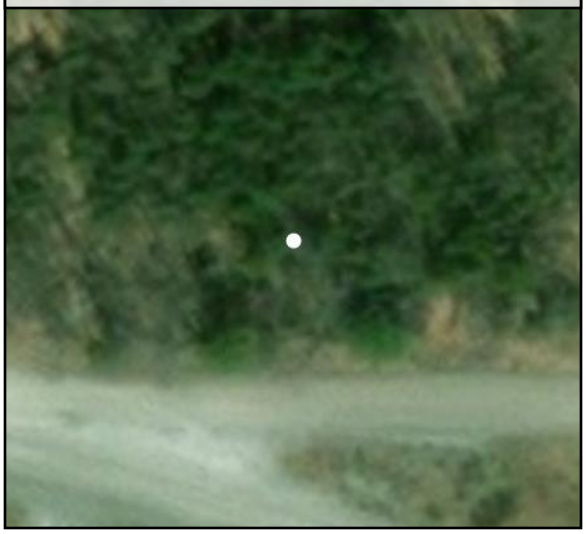
FO86

Known Z	181.03 m	Point Density	2.55 ppsm
DEM Dz	0.03 m	Ground Density	1.77 ppsm
All Points TIN Dz	N/A	Slope	9.56 °

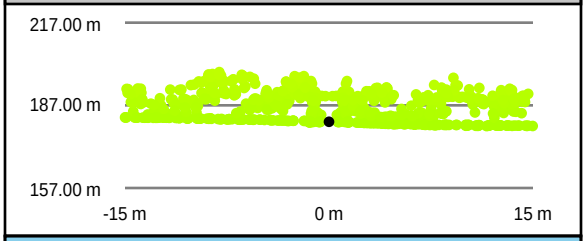
Project Context



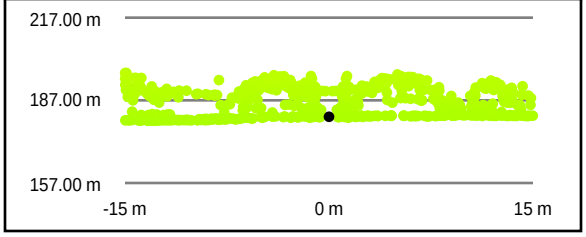
World Imagery



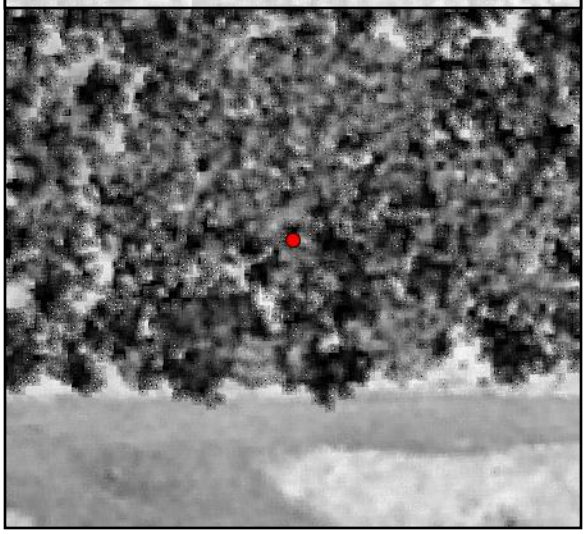
Southeast to Northwest



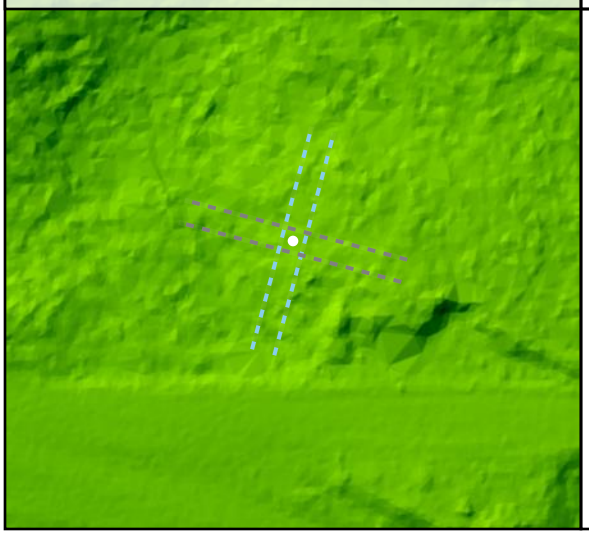
Southwest to Northeast



Intensity Raster

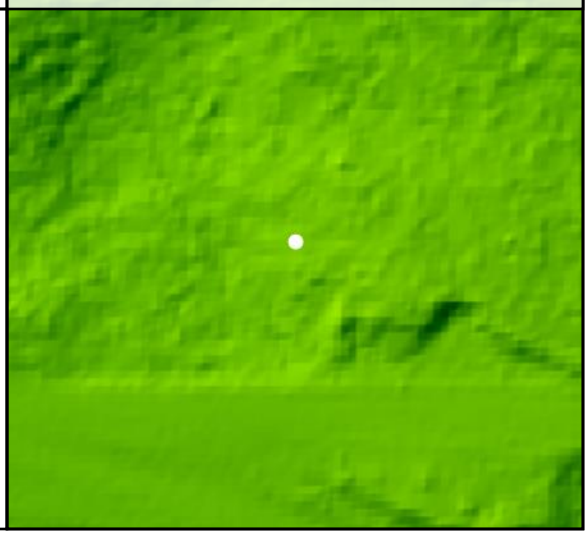


TIN Surface



Project Elevation

DEM Surface



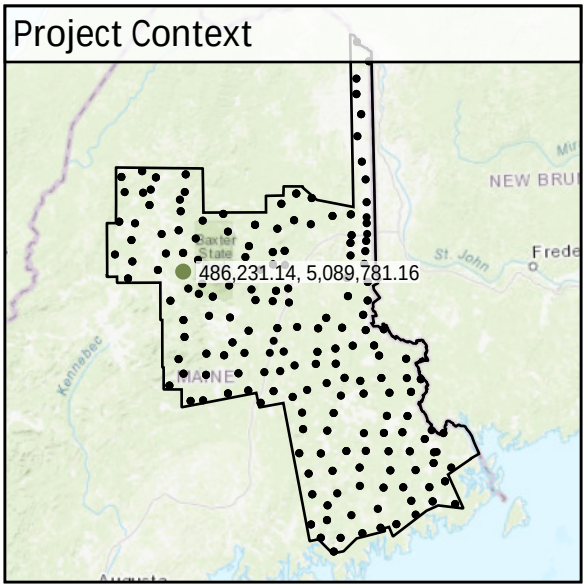
DEM Dz +0.03 m

VVA - FO86

FO87

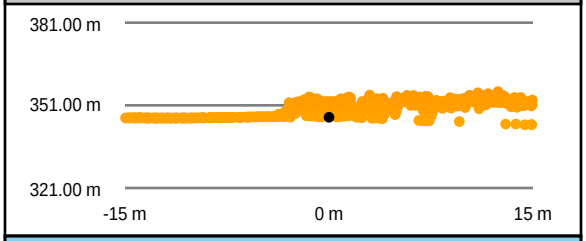
Known Z	346.66 m	Point Density	3.15 ppsm
DEM Dz	0.12 m	Ground Density	0.32 ppsm
All Points TIN Dz	N/A	Slope	5.01 °

Project Context

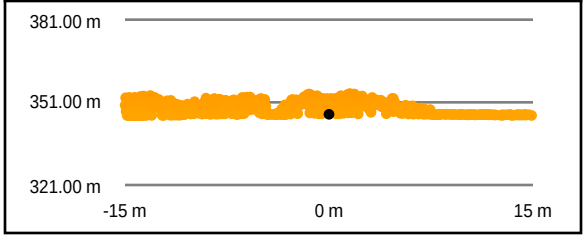


World Imagery

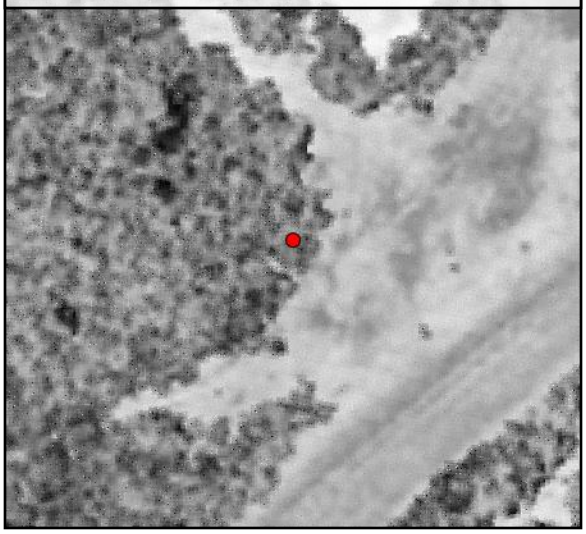
Southeast to Northwest



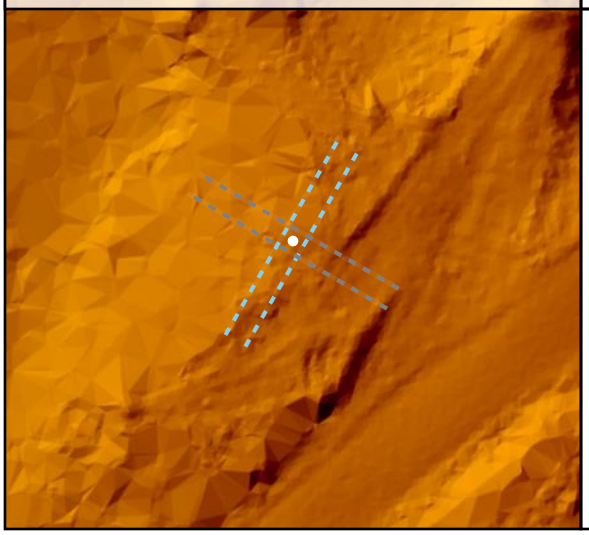
Southwest to Northeast



Intensity Raster

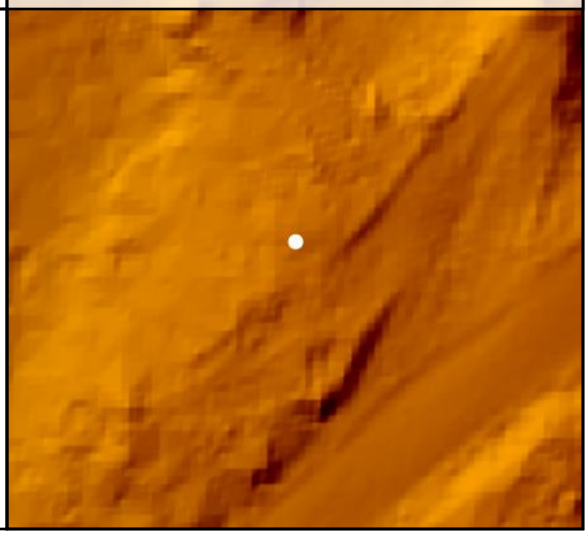


TIN Surface



Project Elevation

DEM Surface

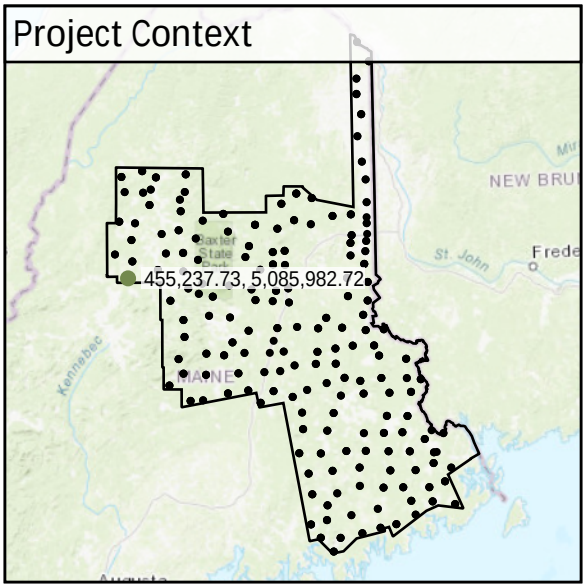


DEM Dz +0.12 m

VVA - FO87

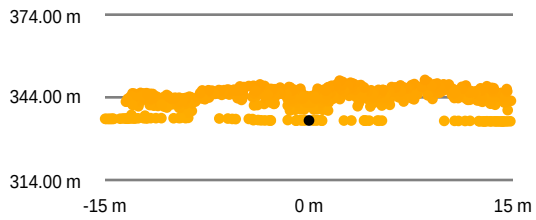
FO88				
	Known Z	335.60 m	Point Density	3.11 ppsm
	DEM Dz	0.04 m	Ground Density	0.81 ppsm
	All Points TIN Dz	N/A	Slope	4.16 °

Project Context

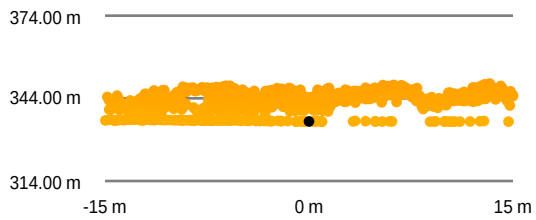


World Imagery

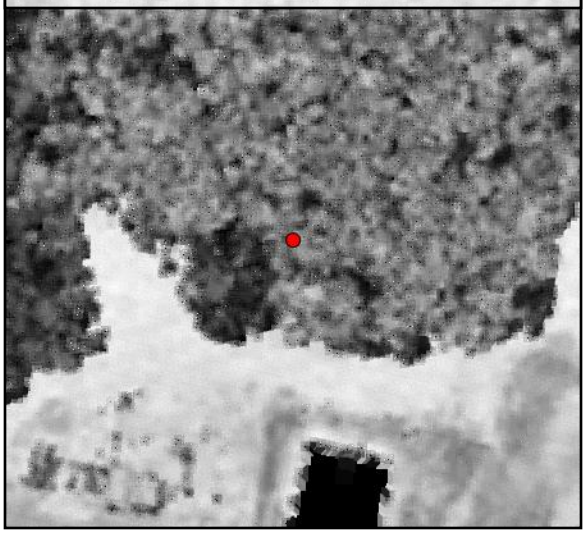
South to North



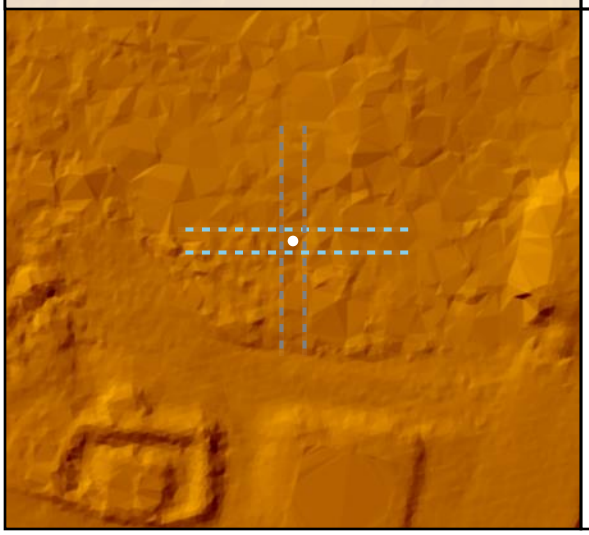
West to East



Intensity Raster

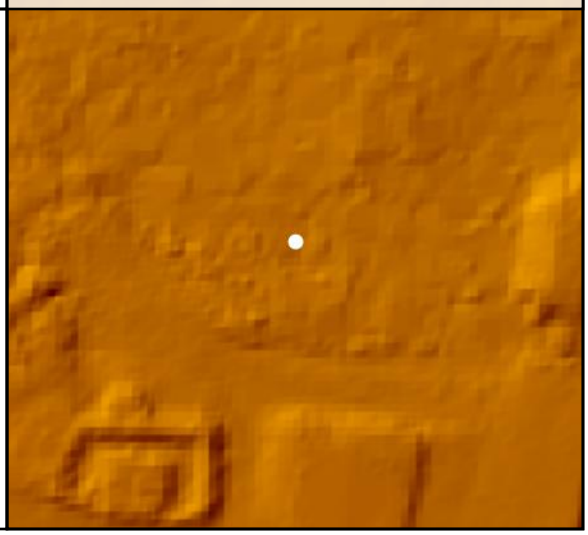


TIN Surface



Project Elevation

DEM Surface



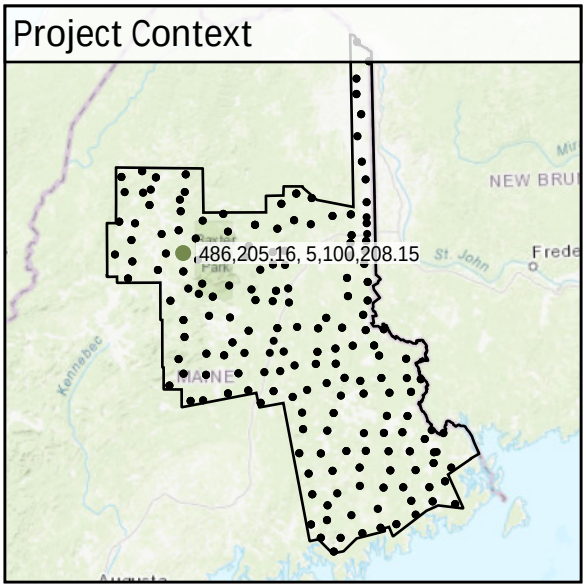
DEM Dz +0.04 m

VVA - FO88

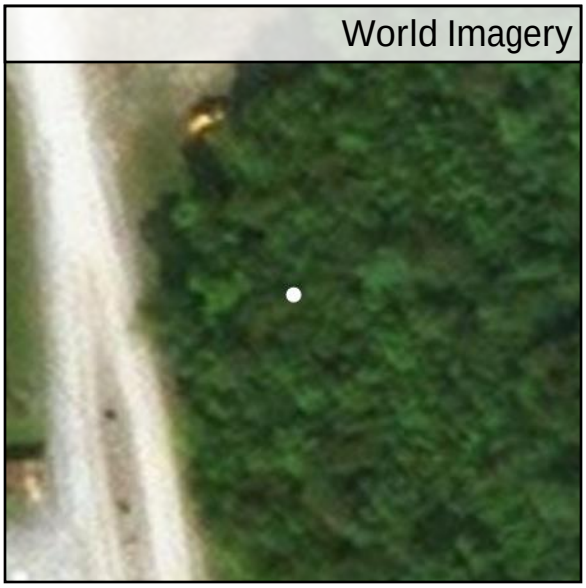
FO89

Known Z	379.21 m	Point Density	3.54 ppsm
DEM Dz	0.14 m	Ground Density	2.30 ppsm
All Points TIN Dz	N/A	Slope	5.92 °

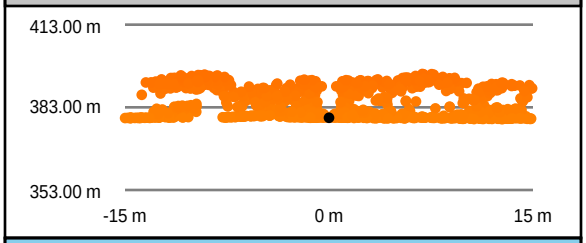
Project Context



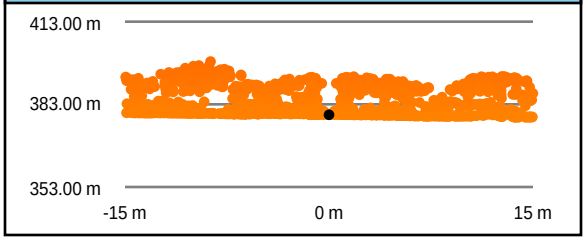
World Imagery



West to East

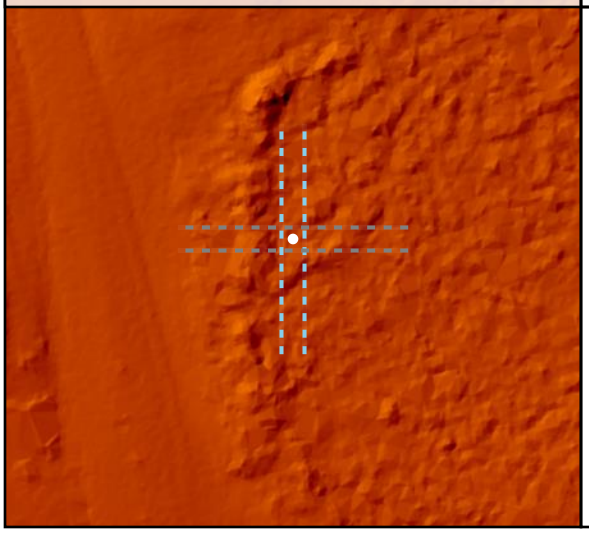


South to North

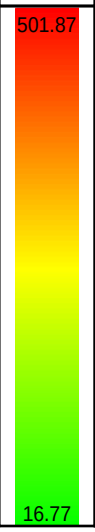


Intensity Raster

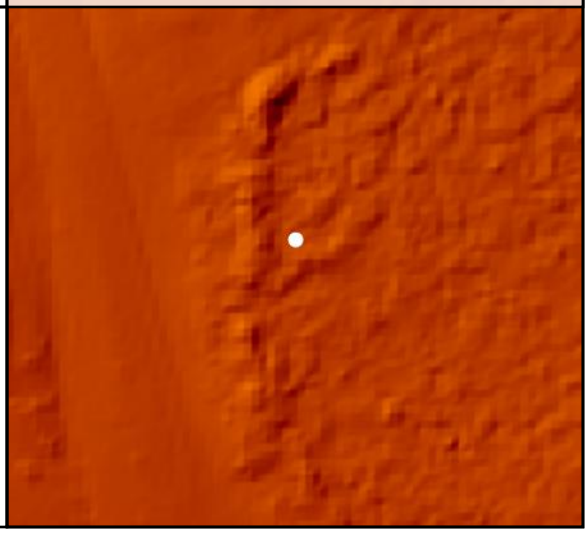
TIN Surface



Project Elevation



DEM Surface



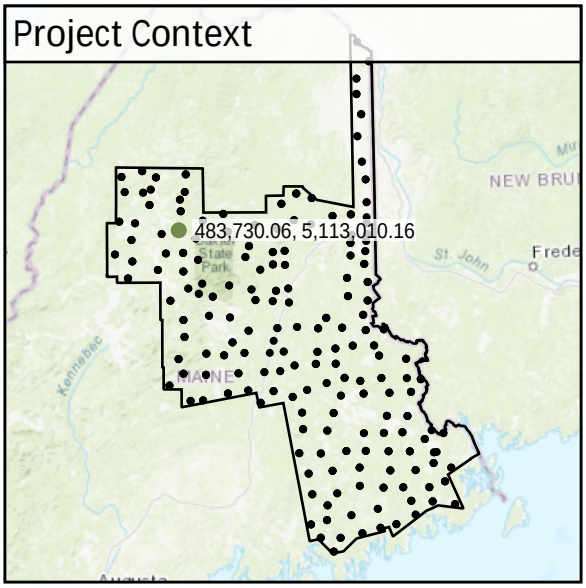
DEM Dz +0.14 m

VVA - FO89

FO90

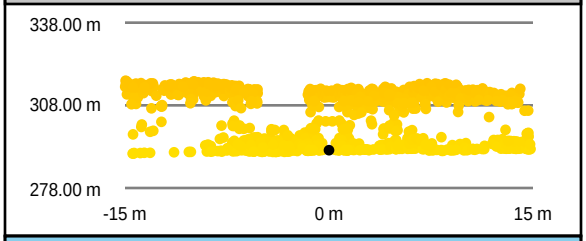
Known Z	291.72 m	Point Density	3.71 ppsm
DEM Dz	0.09 m	Ground Density	2.23 ppsm
All Points TIN Dz	N/A	Slope	6.67 °

Project Context

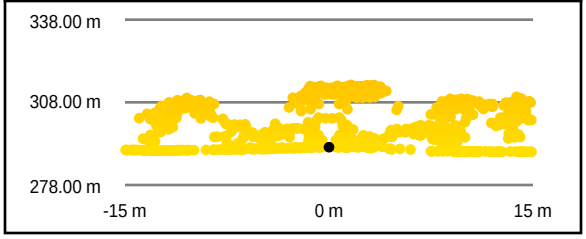


World Imagery

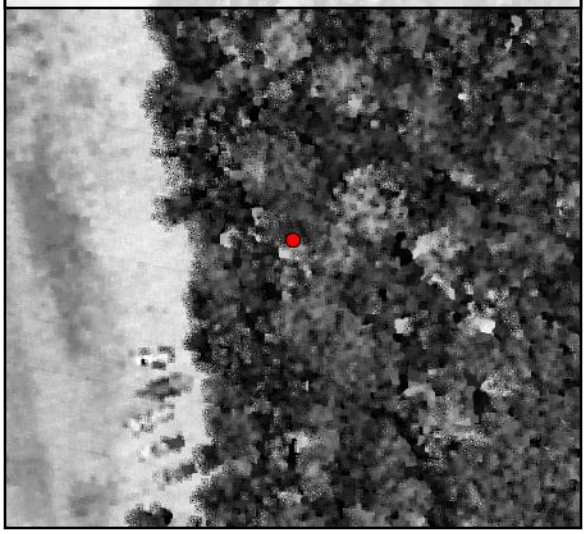
Southeast to Northwest



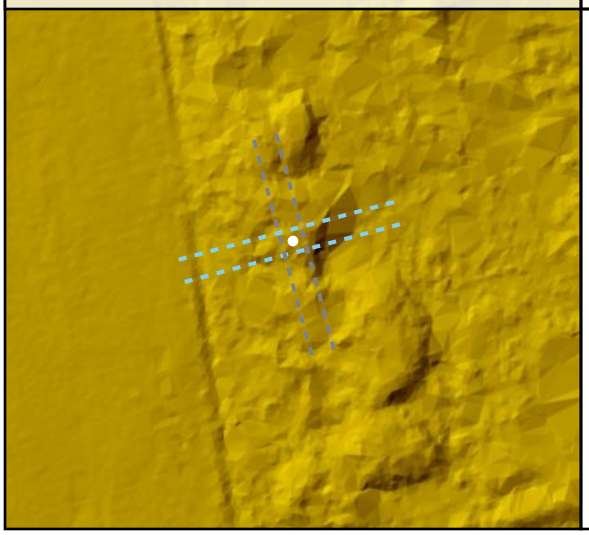
Southwest to Northeast



Intensity Raster

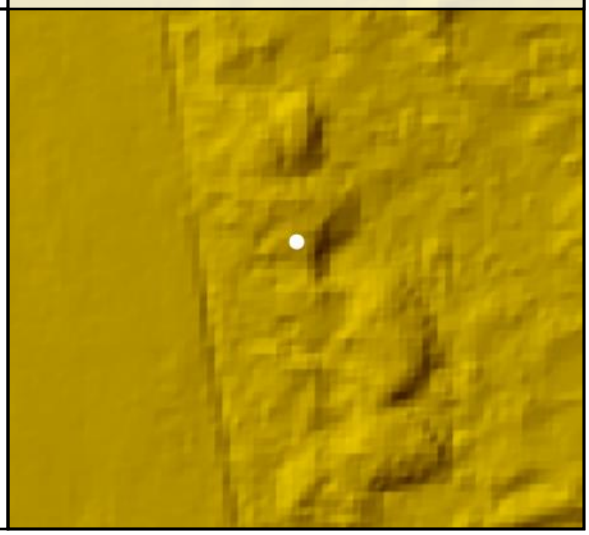


TIN Surface



Project Elevation

DEM Surface



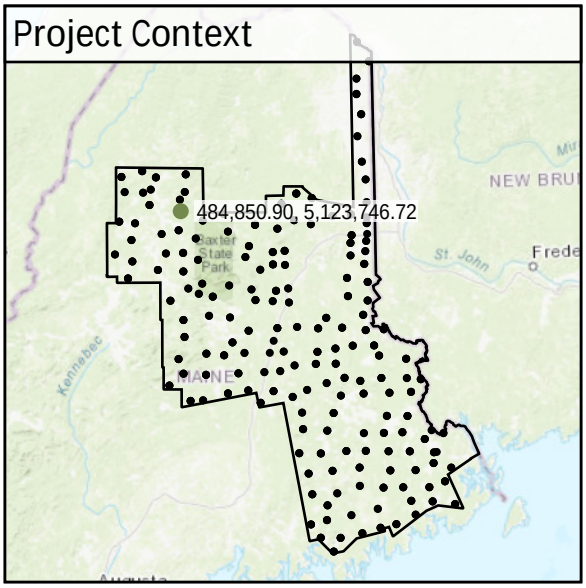
DEM Dz +0.09 m

VVA - FO90

FO91

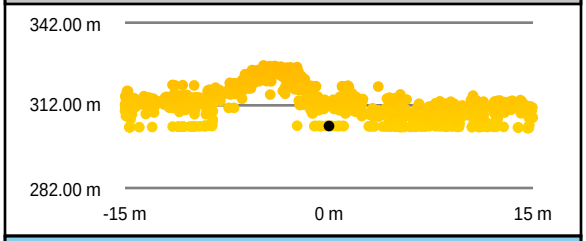
Known Z	304.49 m	Point Density	3.47 ppsm
DEM Dz	0.00 m	Ground Density	0.39 ppsm
All Points TIN Dz	N/A	Slope	5.56 °

Project Context

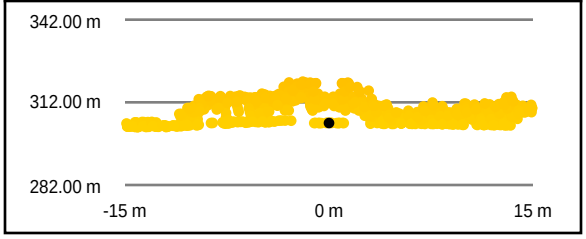


World Imagery

Southeast to Northwest

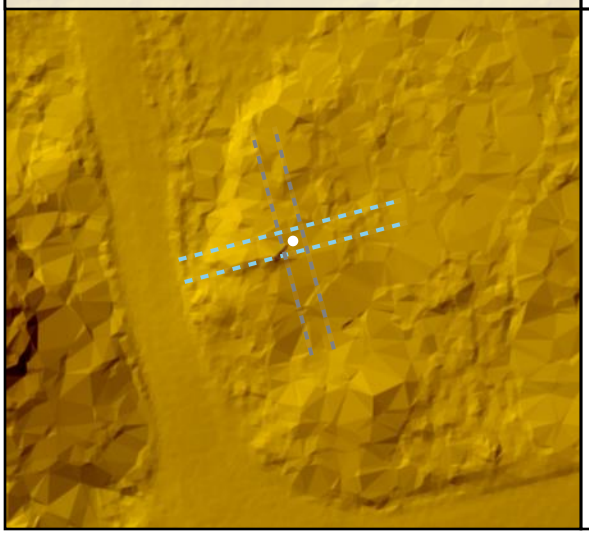


Southwest to Northeast



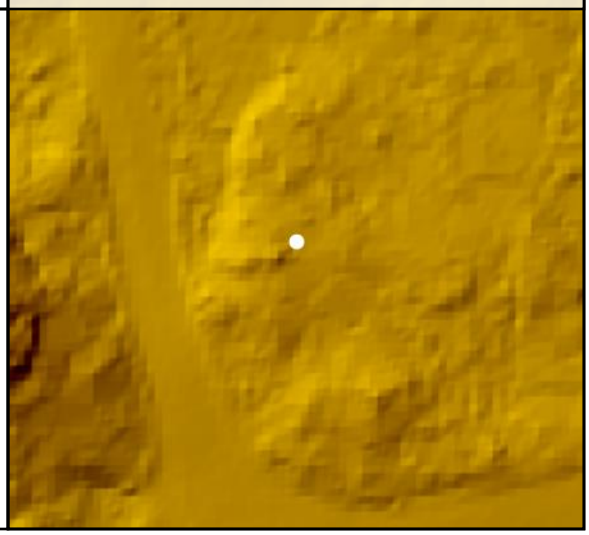
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



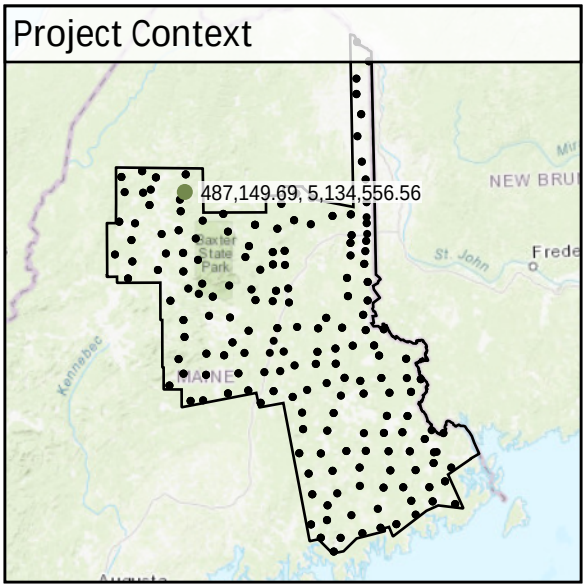
DEM Dz +0.00 m

VVA - FO91

FO92

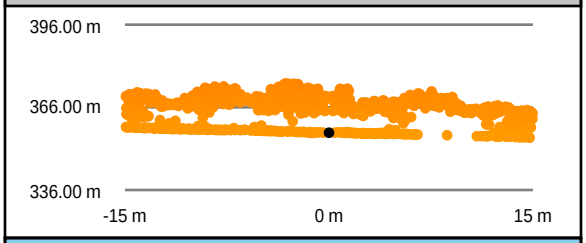
Known Z	356.78 m	Point Density	3.08 ppsm
DEM Dz	0.10 m	Ground Density	1.56 ppsm
All Points TIN Dz	N/A	Slope	7.07 °

Project Context

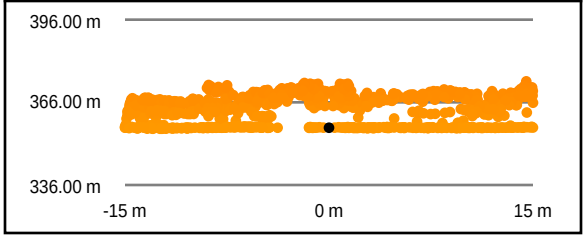


World Imagery

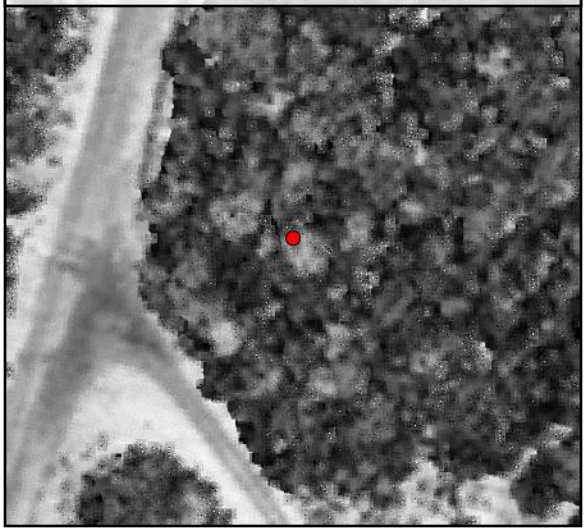
Southeast to Northwest



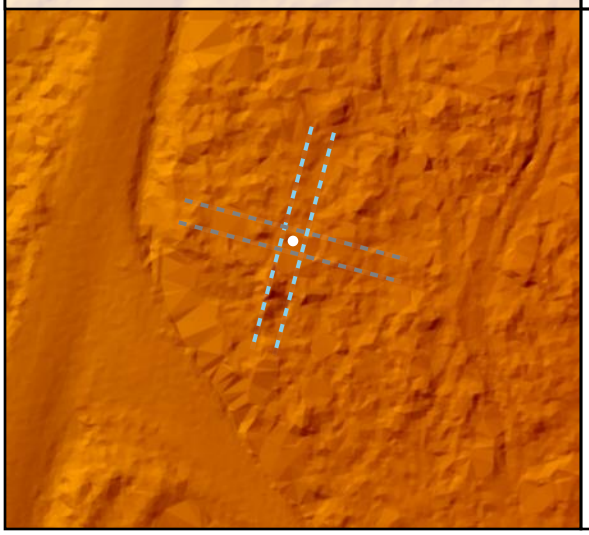
Southwest to Northeast



Intensity Raster

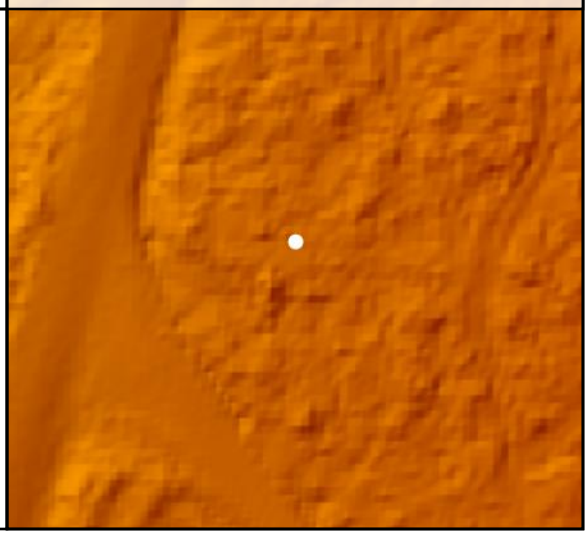


TIN Surface



Project Elevation

DEM Surface

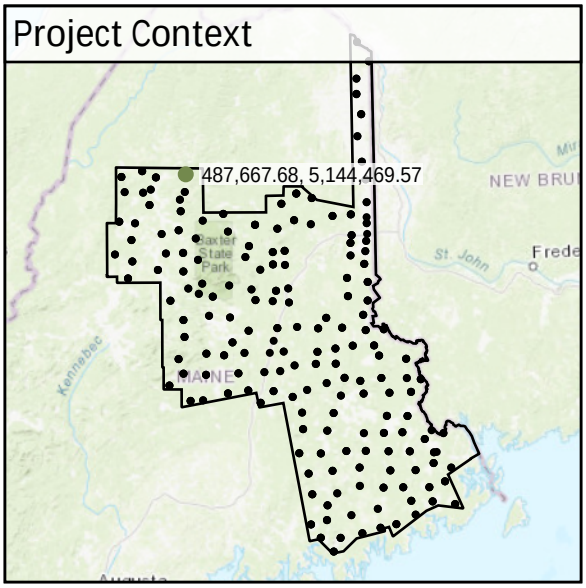


DEM Dz +0.10 m

VVA - FO92

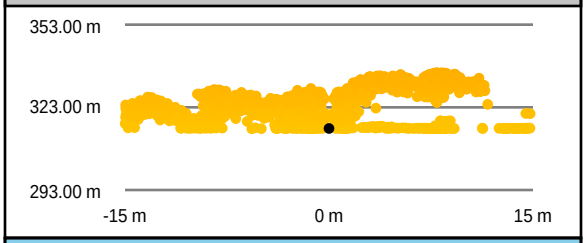
FO93				
	Known Z	315.33 m	Point Density	4.77 ppsm
	DEM Dz	0.08 m	Ground Density	1.31 ppsm
	All Points TIN Dz	N/A	Slope	3.88 °

Project Context

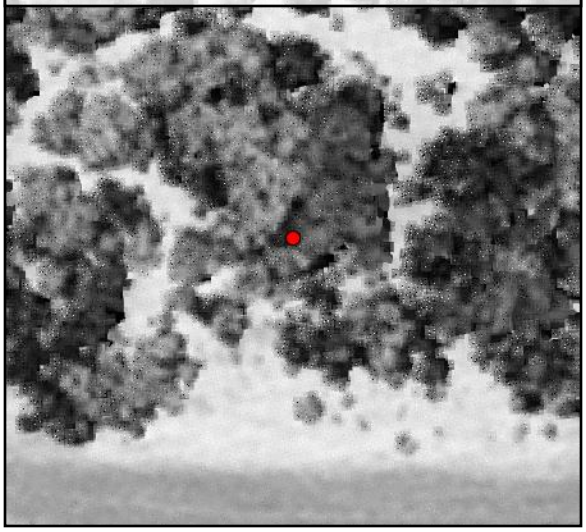


World Imagery

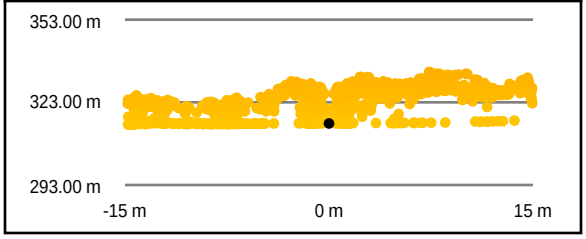
Southwest to Northeast



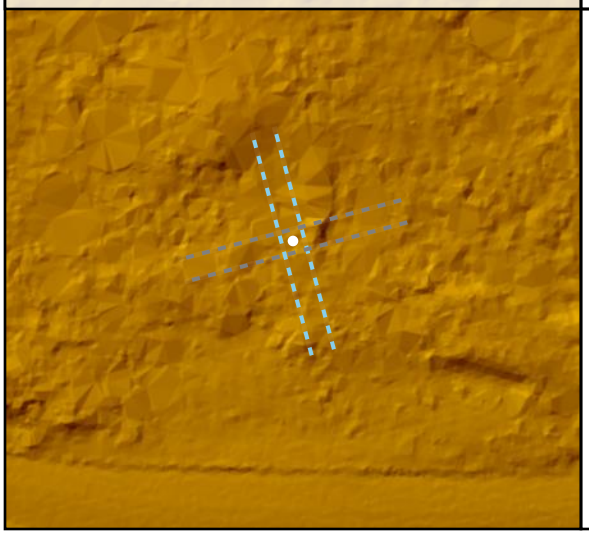
Intensity Raster



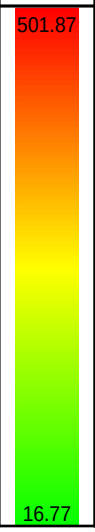
Southeast to Northwest



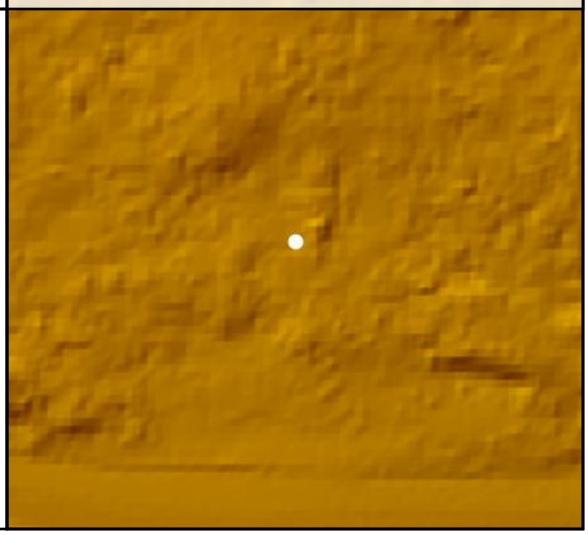
TIN Surface



Project Elevation



DEM Surface



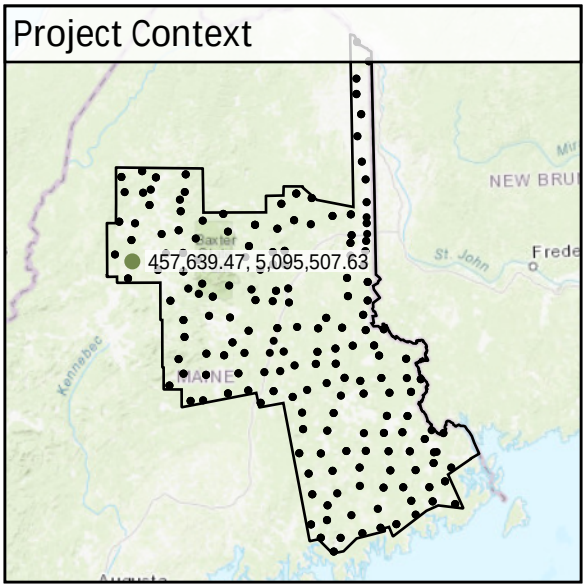
DEM Dz +0.08 m

VVA - FO93

FO94

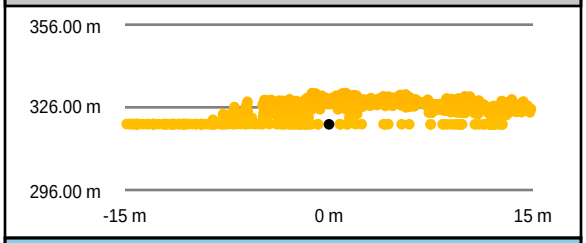
Known Z	319.83 m	Point Density	3.11 ppsm
DEM Dz	0.02 m	Ground Density	0.92 ppsm
All Points TIN Dz	N/A	Slope	1.14 °

Project Context

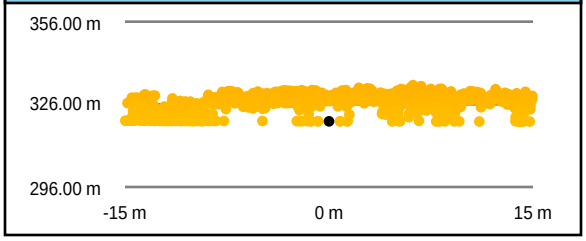


World Imagery

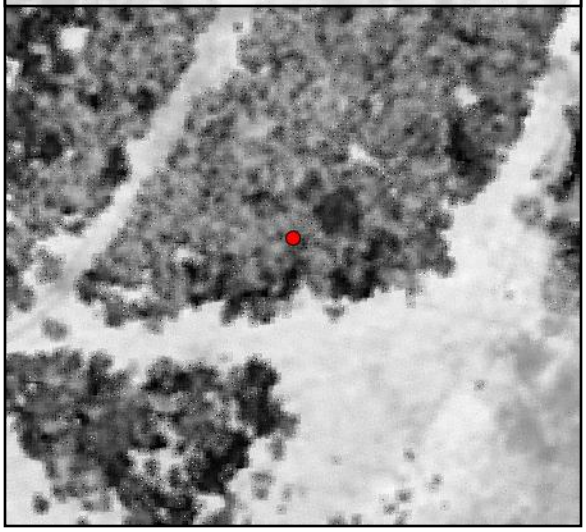
Southeast to Northwest



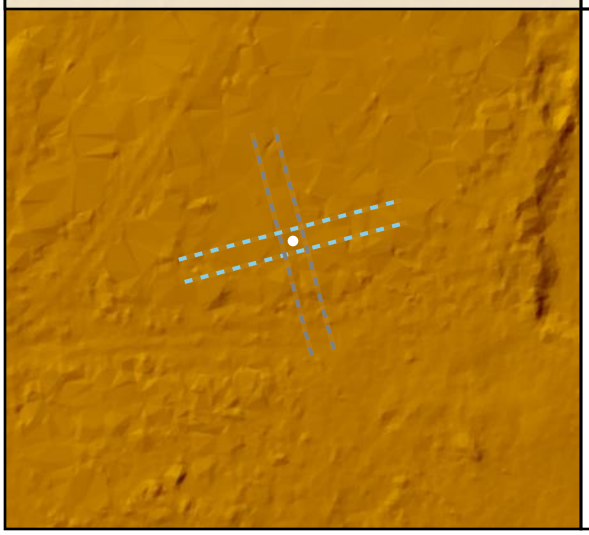
Southwest to Northeast



Intensity Raster



TIN Surface

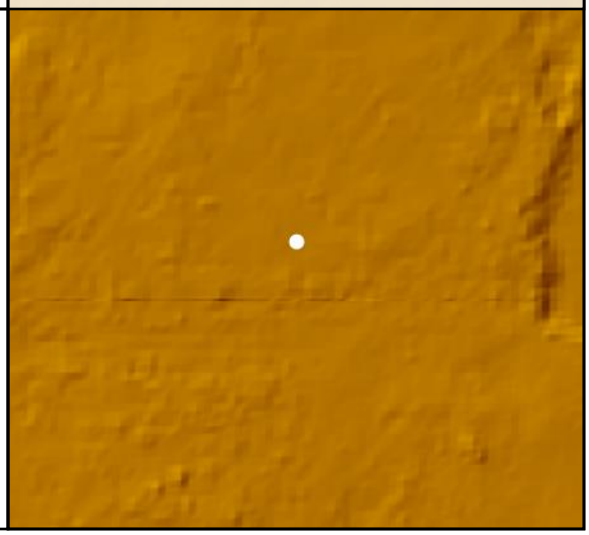


Project Elevation

501.87

16.77

DEM Surface



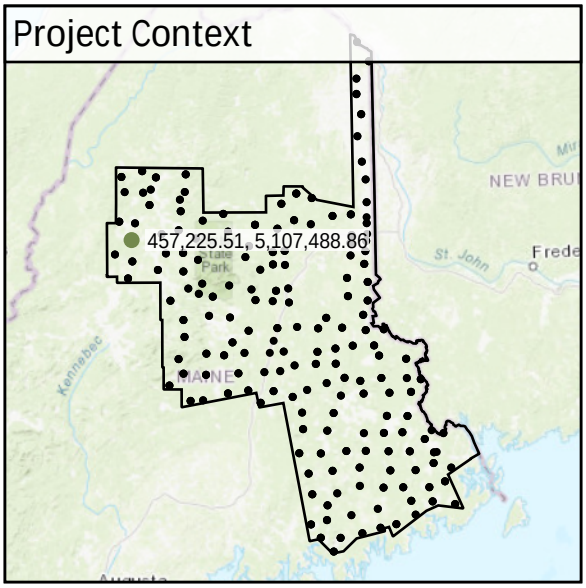
DEM Dz +0.02 m

VVA - FO94

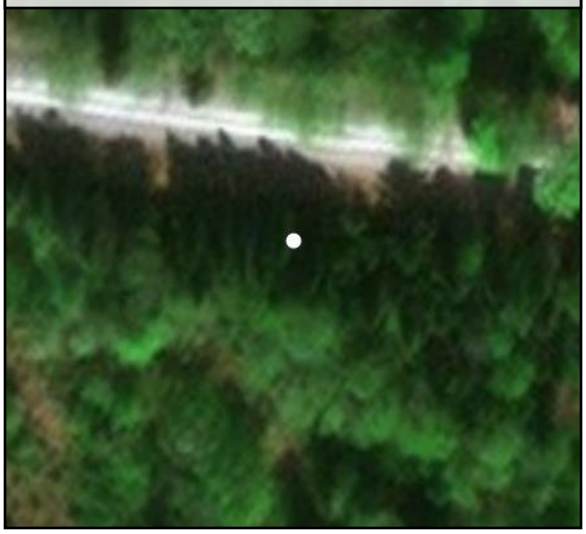
FO95

Known Z	363.65 m	Point Density	2.94 ppsm
DEM Dz	0.07 m	Ground Density	0.14 ppsm
All Points TIN Dz	N/A	Slope	1.62 °

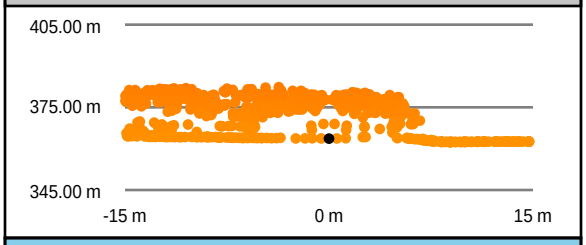
Project Context



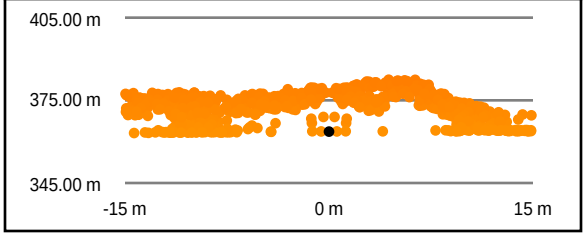
World Imagery



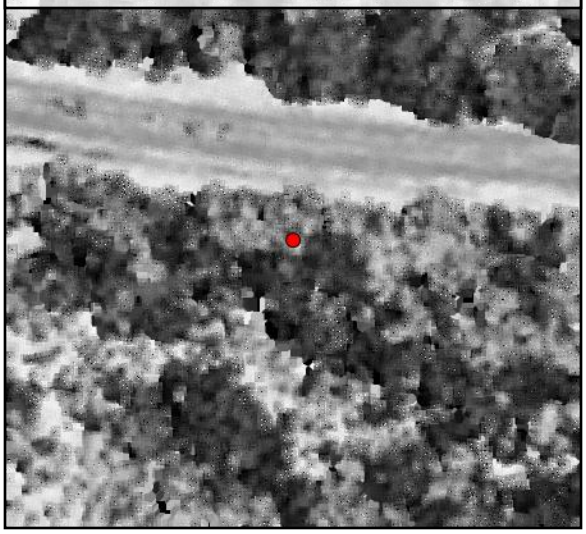
Southeast to Northwest



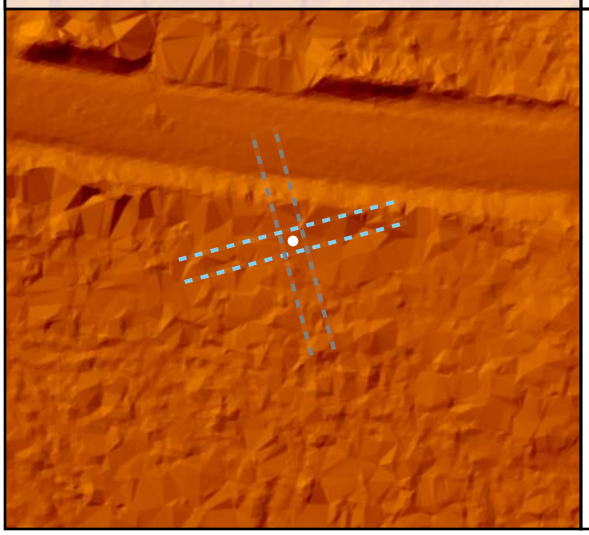
Southwest to Northeast



Intensity Raster

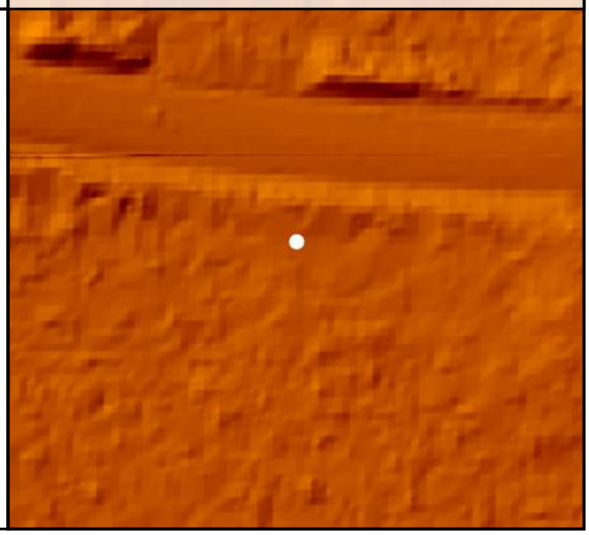


TIN Surface



Project Elevation

DEM Surface



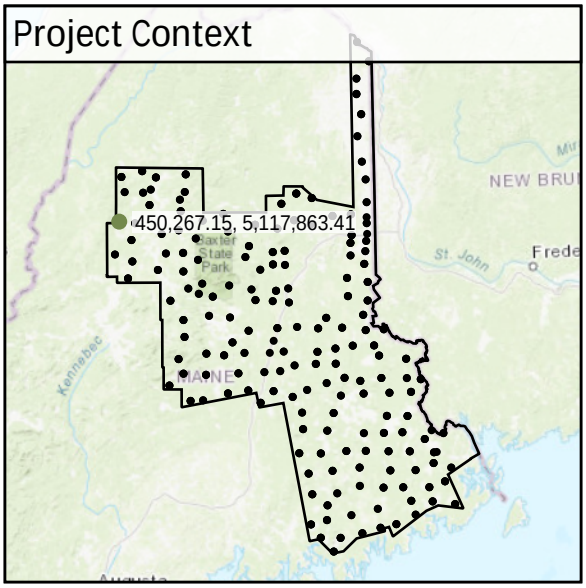
DEM Dz +0.07 m

VVA - FO95

FO96

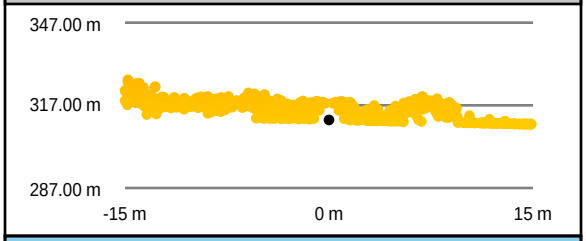
Known Z	311.70 m	Point Density	2.97 ppsm
DEM Dz	0.23 m	Ground Density	0.99 ppsm
All Points TIN Dz	N/A	Slope	10.14 °

Project Context

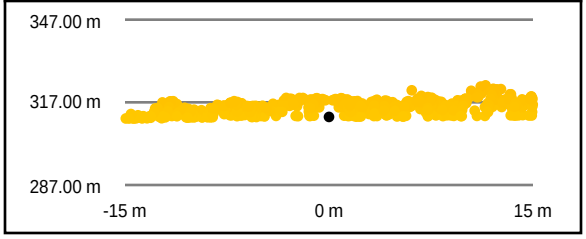


World Imagery

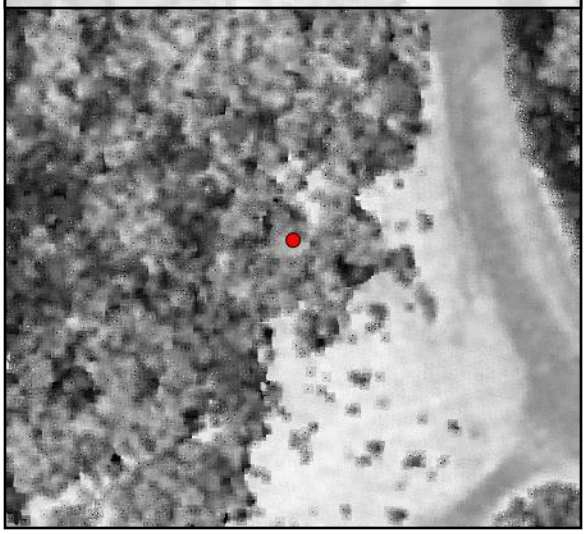
Southwest to Northeast



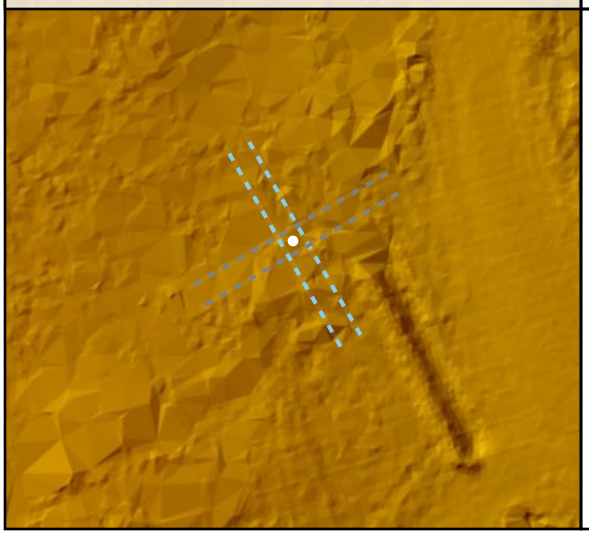
Southeast to Northwest



Intensity Raster

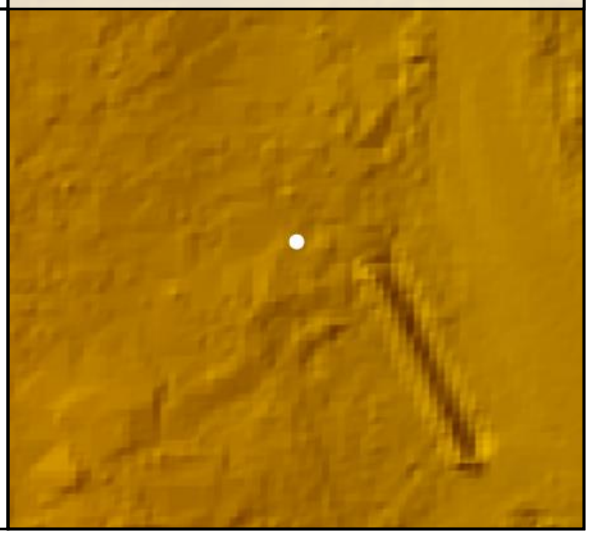


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.23 m

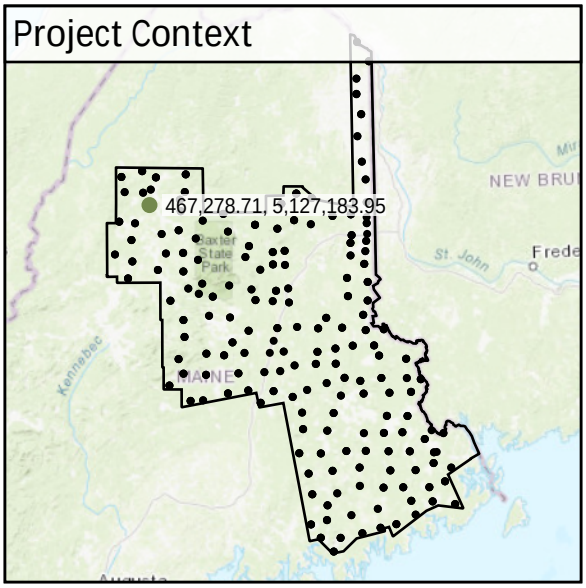
VVA - FO96

FO97				
	Known Z	315.30 m	Point Density	3.01 ppsm
	DEM Dz	0.16 m	Ground Density	1.20 ppsm
	All Points TIN Dz	N/A	Slope	0.81 °

DEM Dz +0.16 m

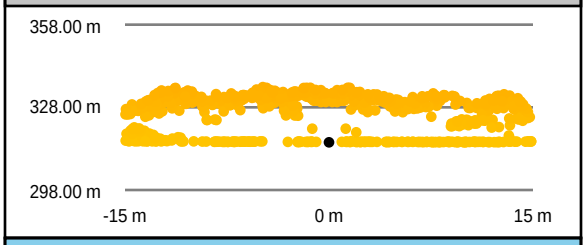
VVA - FO97

Project Context

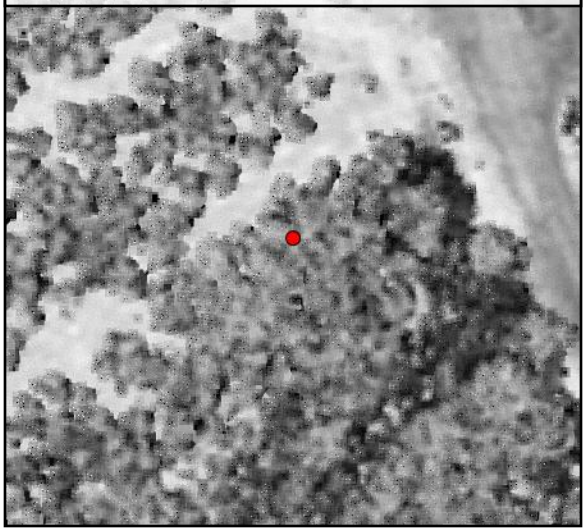


World Imagery

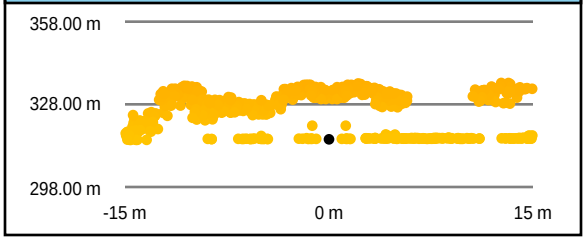
Southwest to Northeast



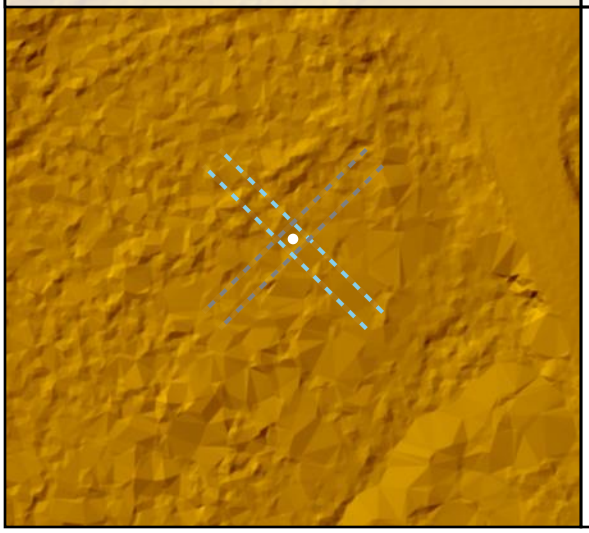
Intensity Raster



Southeast to Northwest



TIN Surface

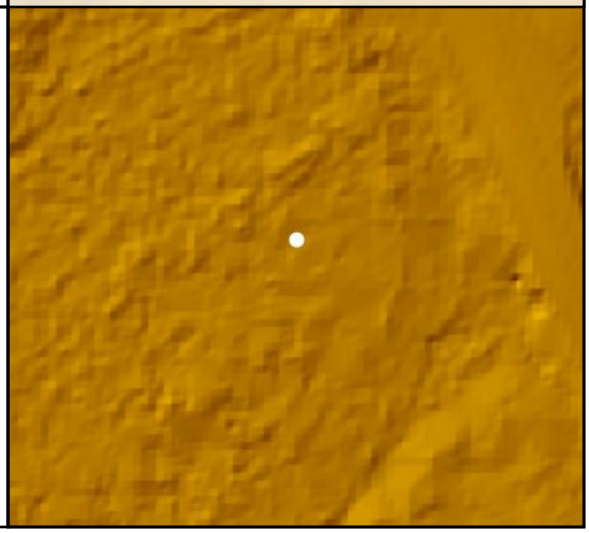


Project Elevation

501.87

16.77

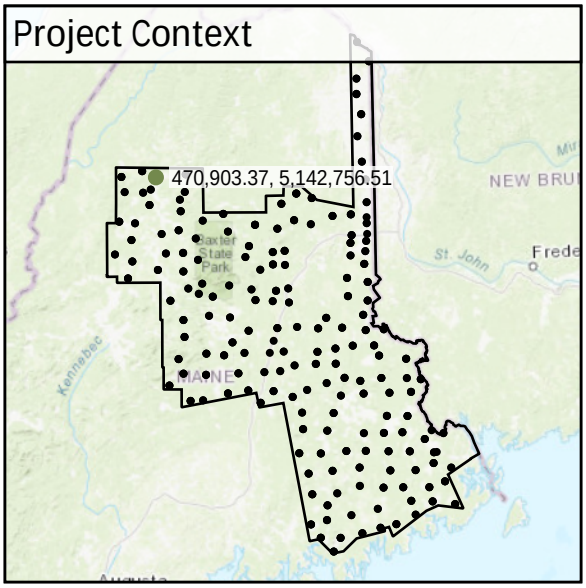
DEM Surface



FO98

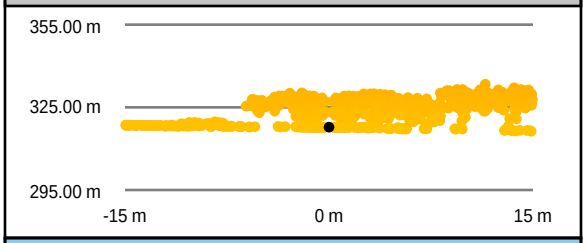
Known Z	317.80 m	Point Density	2.97 ppsm
DEM Dz	-0.08 m	Ground Density	1.95 ppsm
All Points TIN Dz	N/A	Slope	4.16 °

Project Context

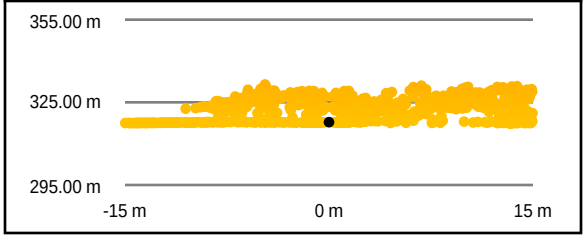


World Imagery

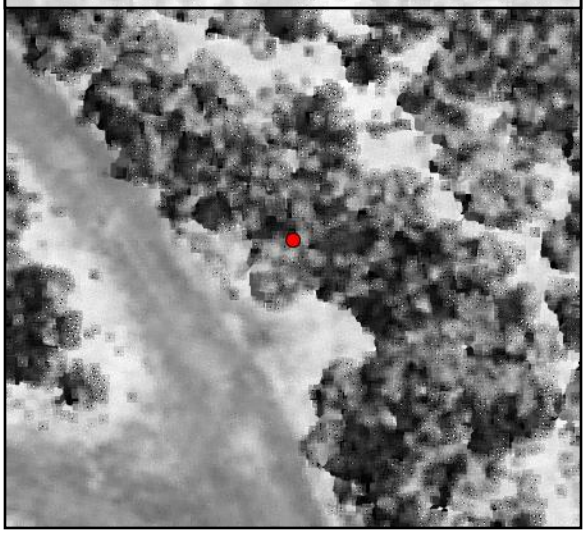
Southwest to Northeast



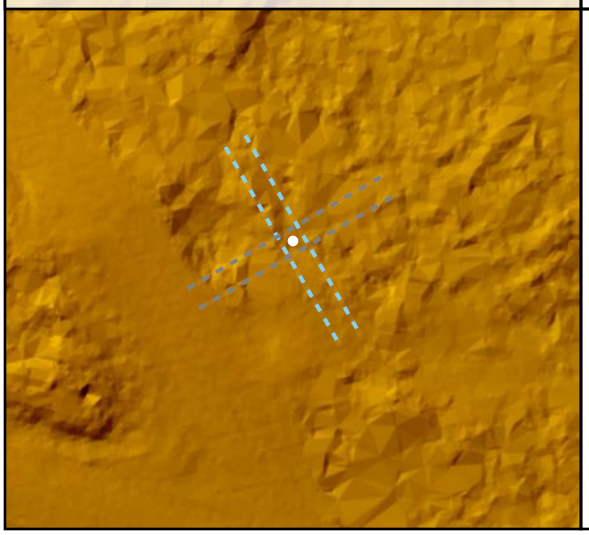
Southeast to Northwest



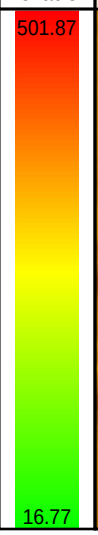
Intensity Raster



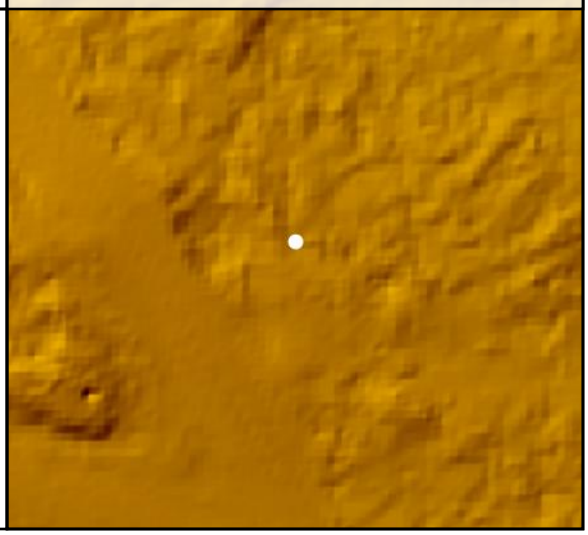
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.08 m

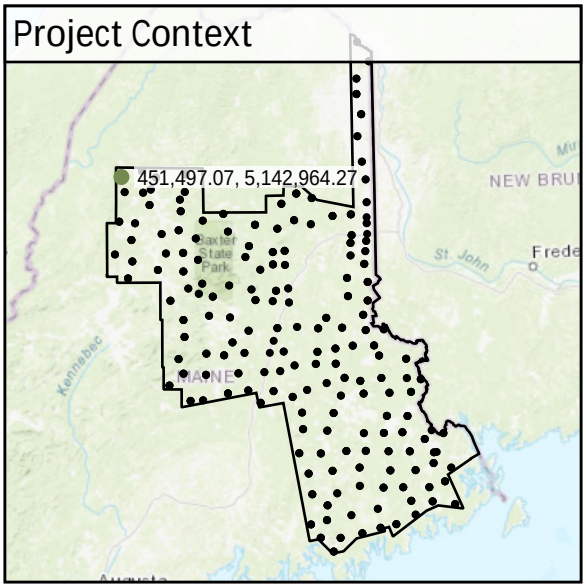
VVA - FO98

FO99				
	Known Z	443.41 m	Point Density	3.86 ppsm
	DEM Dz	0.08 m	Ground Density	0.92 ppsm
	All Points TIN Dz	N/A	Slope	4.83 °

DEM Dz +0.08 m

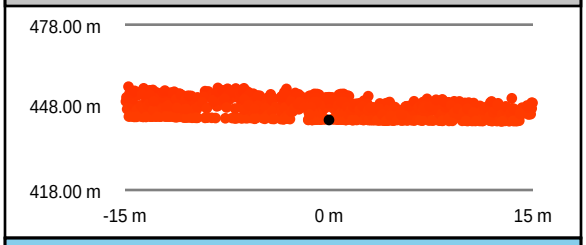
VVA - FO99

Project Context

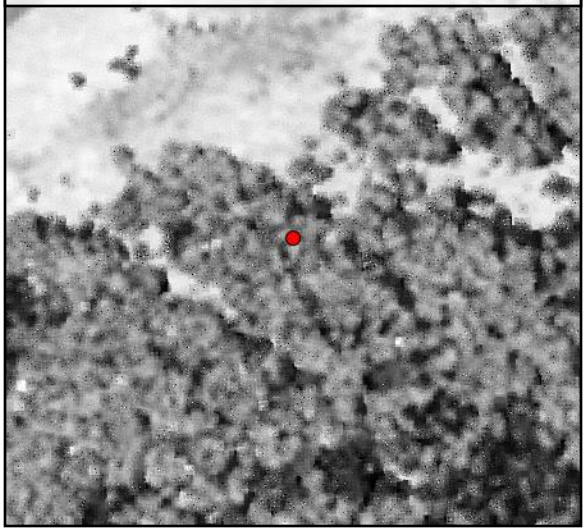


World Imagery

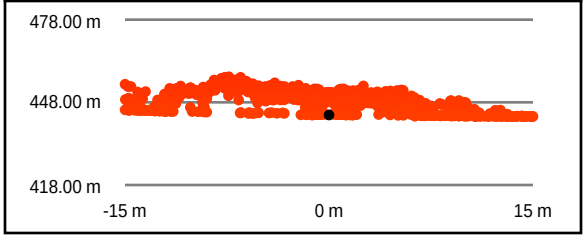
Southeast to Northwest



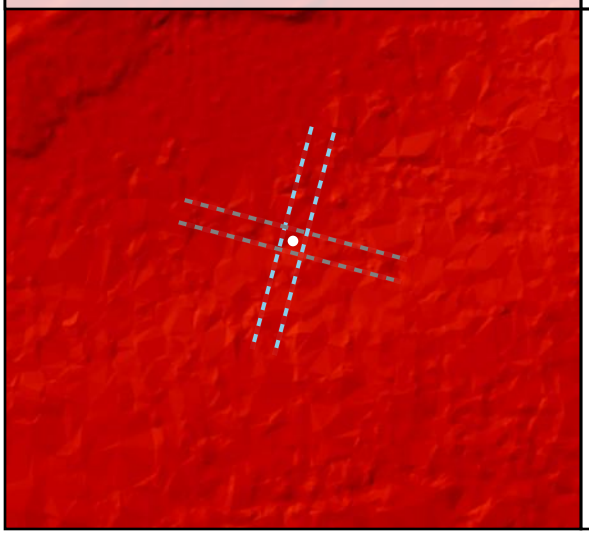
Intensity Raster



Southwest to Northeast



TIN Surface

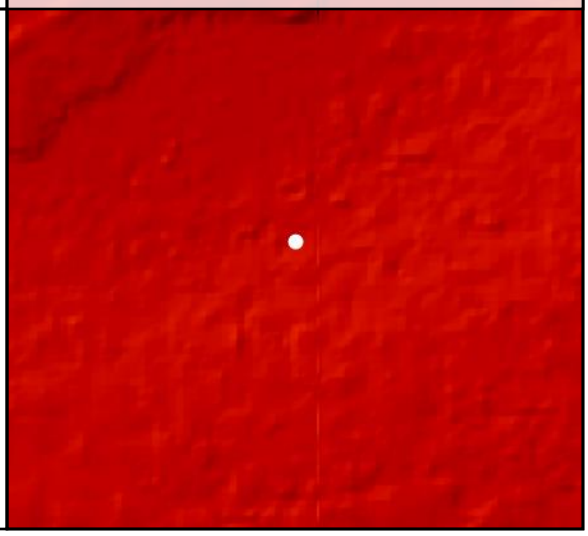


Project Elevation

501.87

16.77

DEM Surface

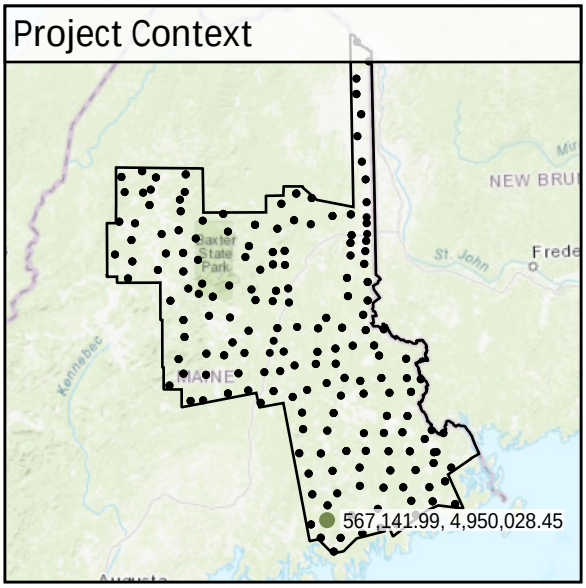


SH01				
	Known Z	137.36 m	Point Density	3.25 ppsm
	DEM Dz	0.09 m	Ground Density	3.22 ppsm
	All Points TIN Dz	N/A	Slope	2.56 °

DEM Dz +0.09 m

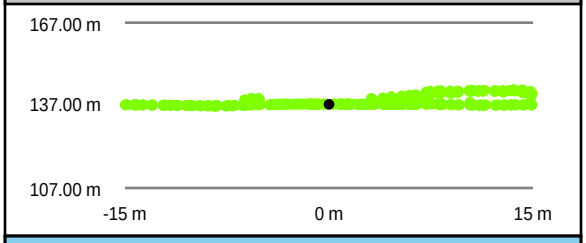
VVA - SH01

Project Context

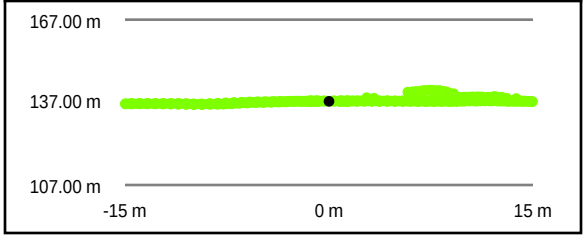


World Imagery

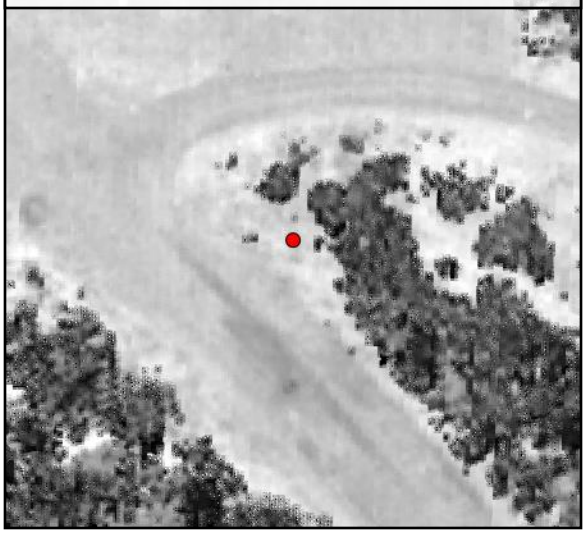
West to East



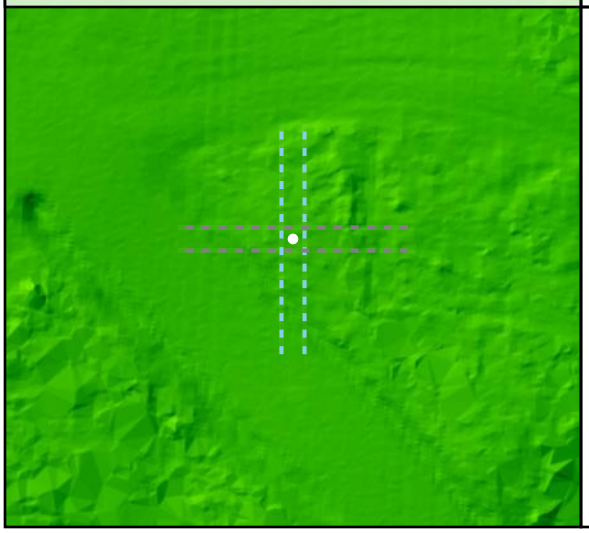
South to North



Intensity Raster

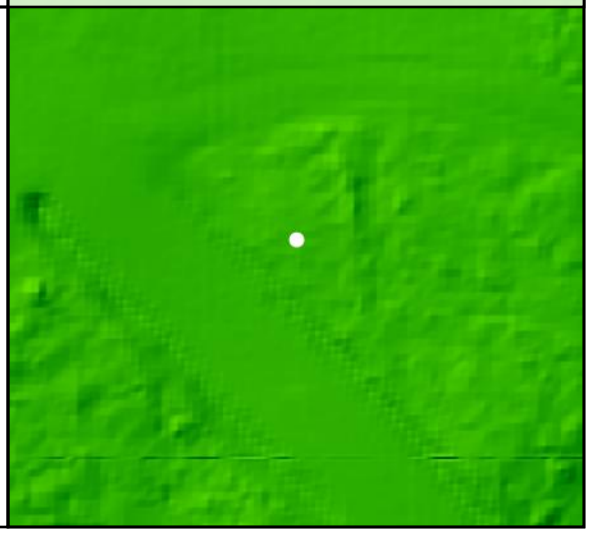


TIN Surface



Project Elevation

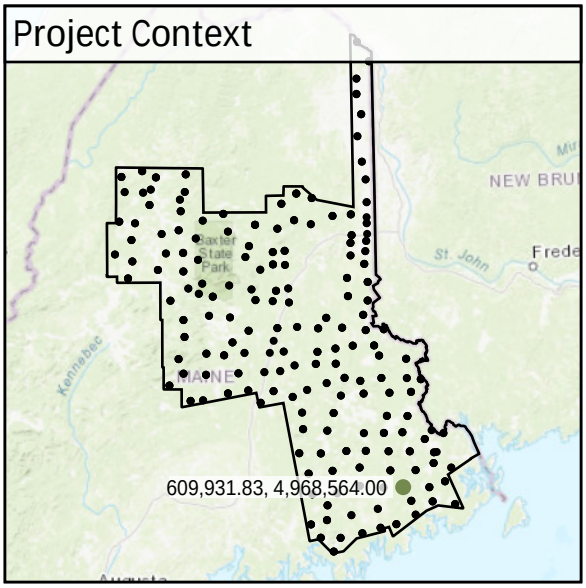
DEM Surface



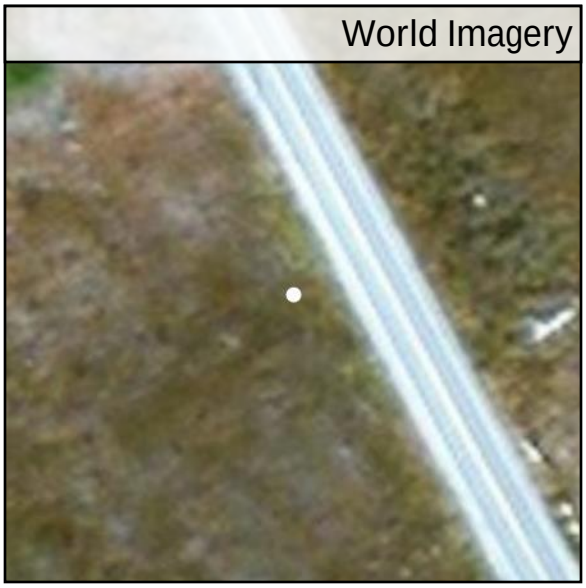
SH02

Known Z	61.32 m	Point Density	3.18 ppsm
DEM Dz	0.20 m	Ground Density	2.90 ppsm
All Points TIN Dz	N/A	Slope	2.24 °

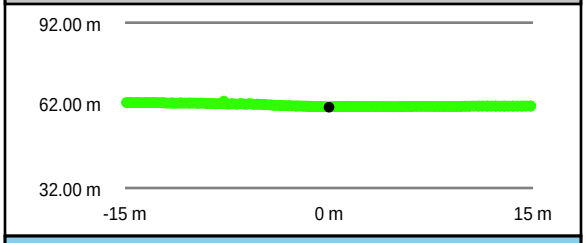
Project Context



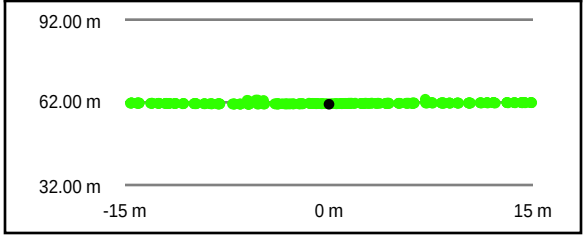
World Imagery



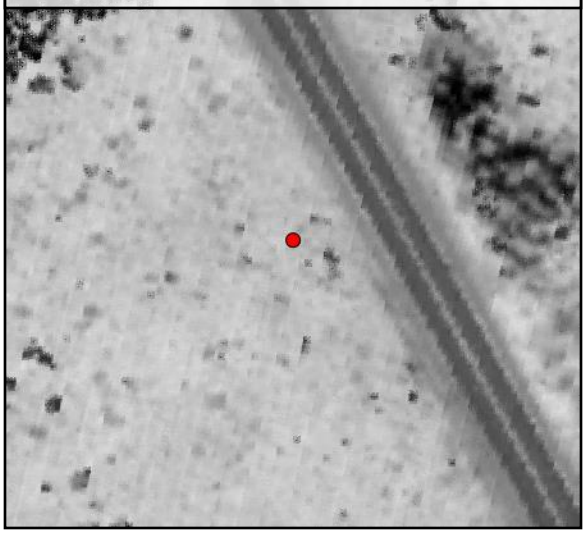
Southwest to Northeast



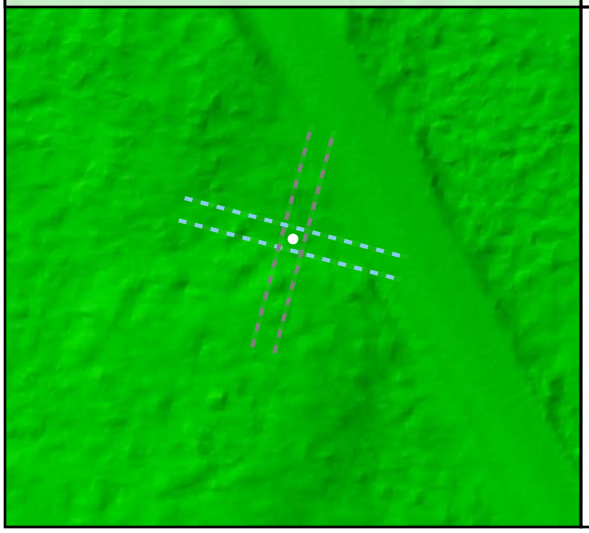
Southeast to Northwest



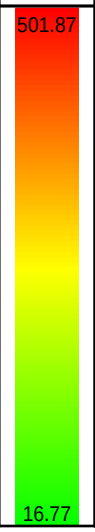
Intensity Raster



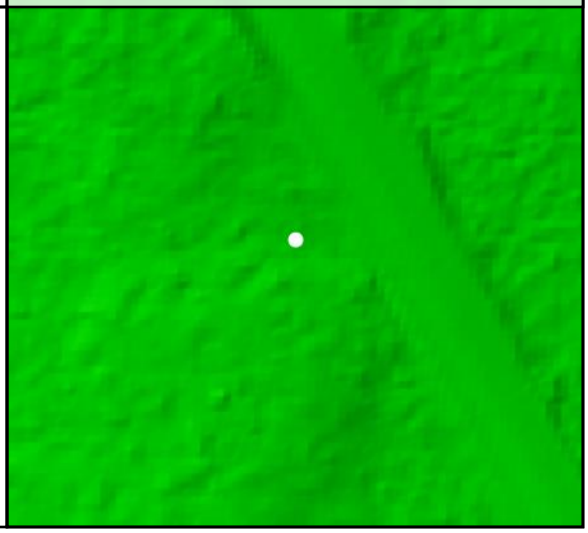
TIN Surface



Project Elevation



DEM Surface



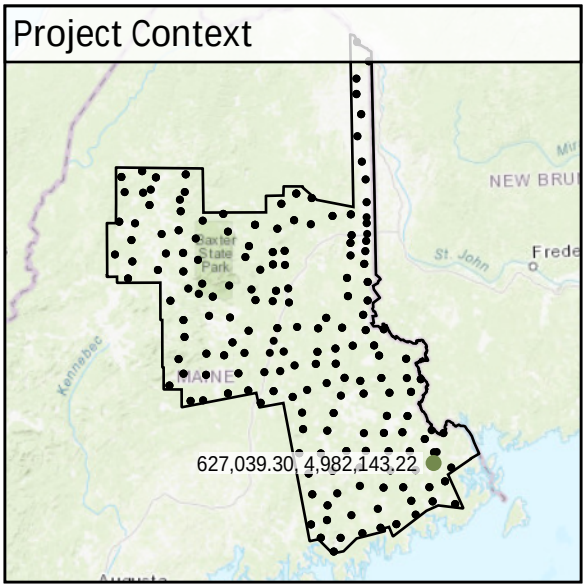
DEM Dz +0.20 m

VVA - SH02

SH03

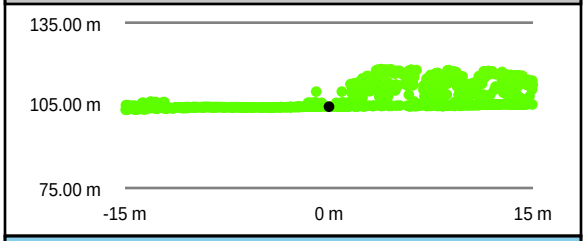
Known Z	104.51 m	Point Density	5.38 ppsm
DEM Dz	0.10 m	Ground Density	3.32 ppsm
All Points TIN Dz	N/A	Slope	1.27 °

Project Context

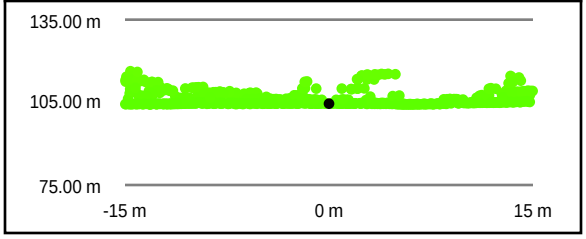


World Imagery

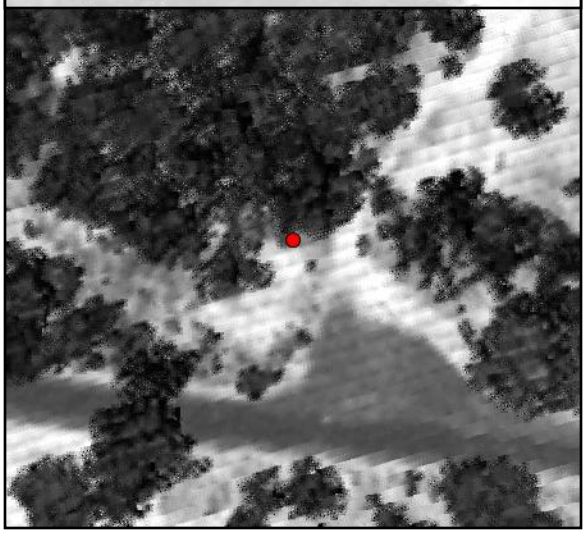
South to North



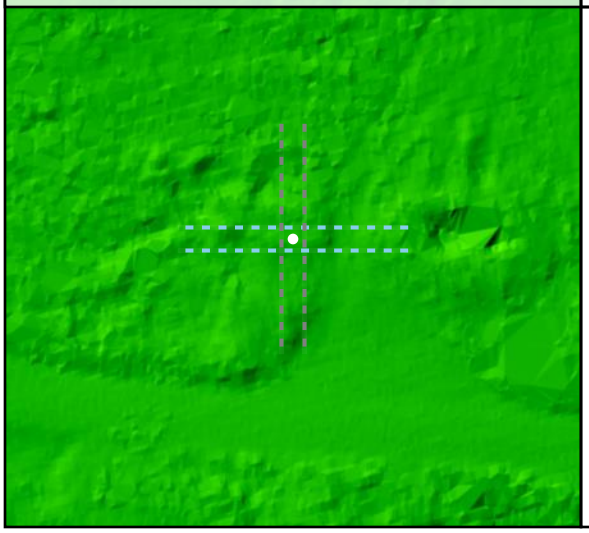
West to East



Intensity Raster

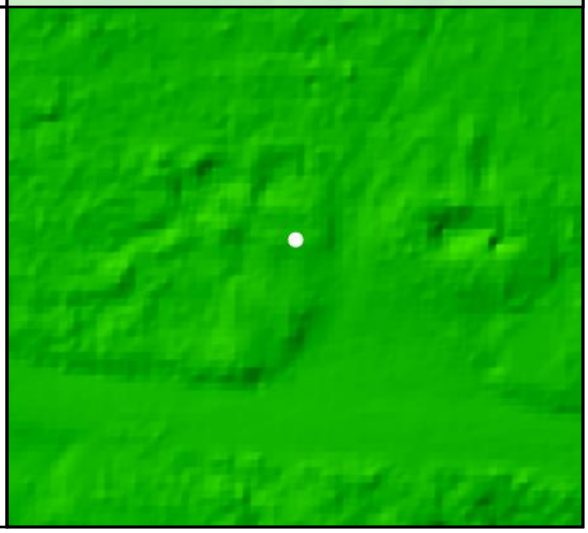


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.10 m

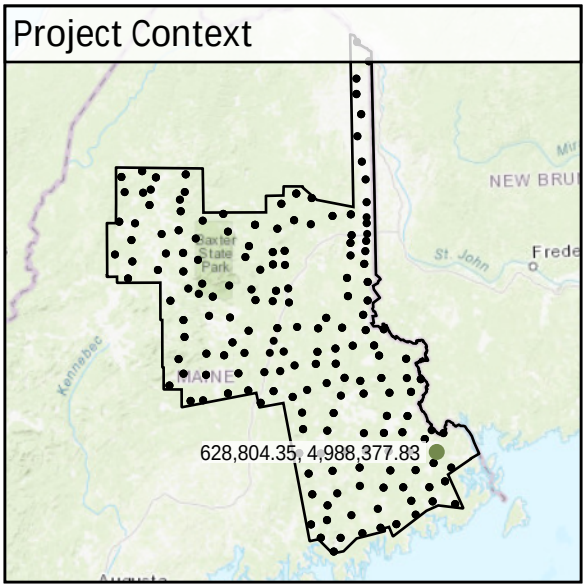
VVA - SH03

SH04				
	Known Z	52.95 m	Point Density	3.18 ppsm
	DEM Dz	0.17 m	Ground Density	1.87 ppsm
	All Points TIN Dz	N/A	Slope	3.08 °

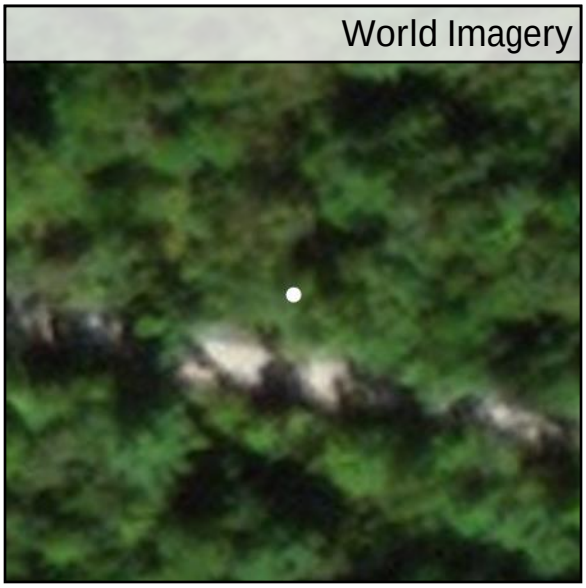
DEM Dz +0.17 m

VVA - SH04

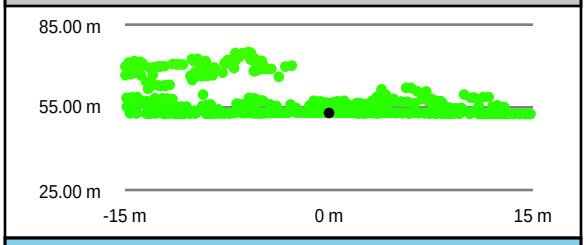
Project Context



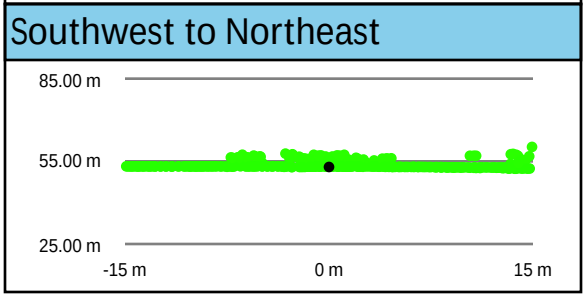
World Imagery



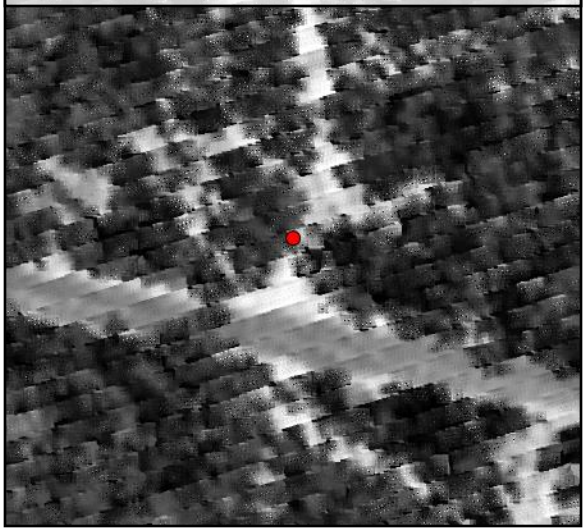
Southeast to Northwest



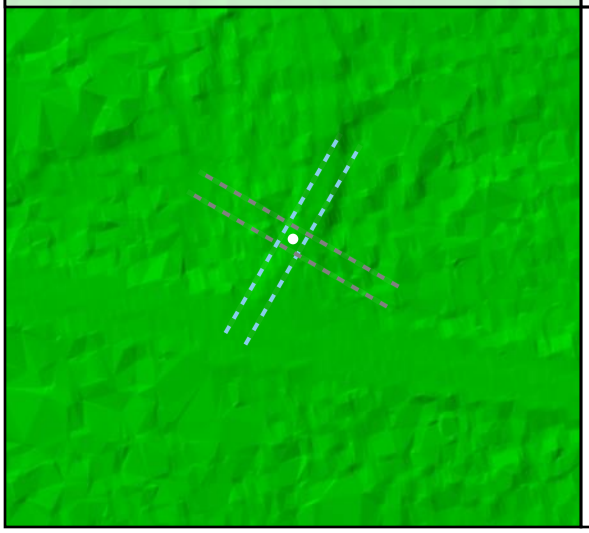
Southwest to Northeast



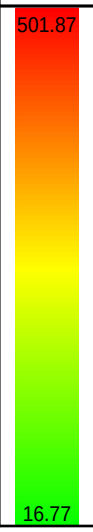
Intensity Raster



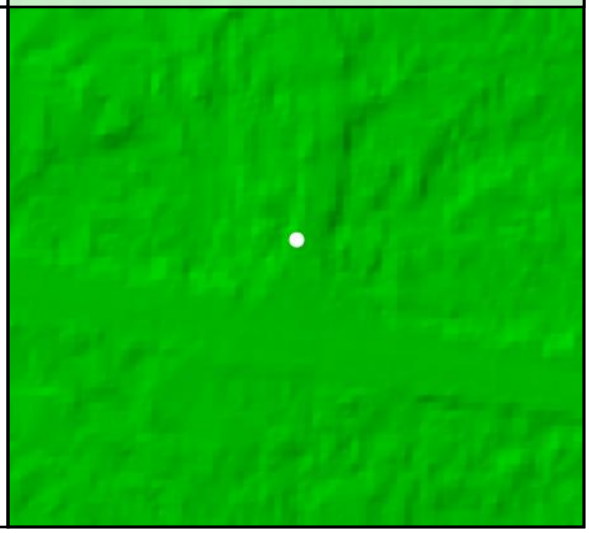
TIN Surface



Project Elevation

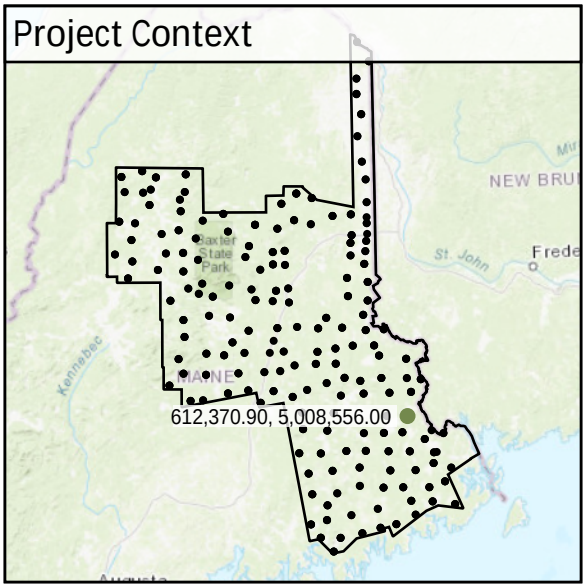


DEM Surface



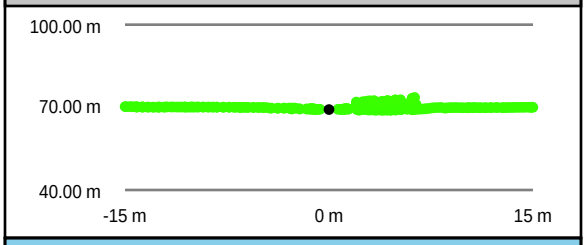
SH05				
	Known Z	69.19 m	Point Density	2.37 ppsm
	DEM Dz	0.15 m	Ground Density	1.87 ppsm
	All Points TIN Dz	N/A	Slope	7.31 °

Project Context

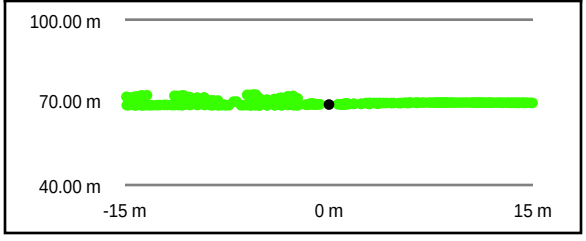


World Imagery

Southwest to Northeast

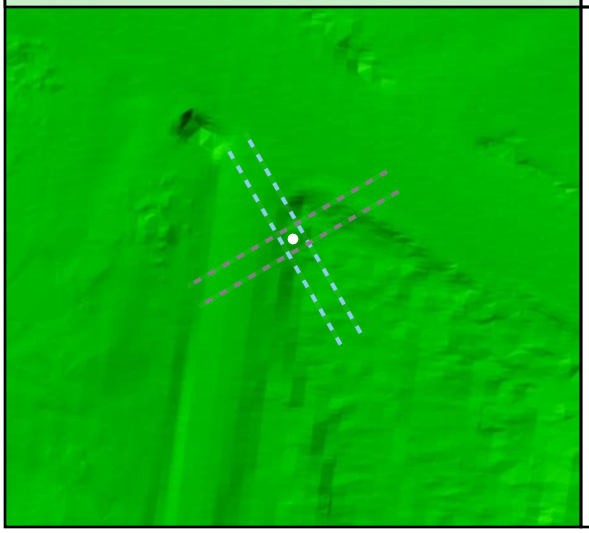


Southeast to Northwest



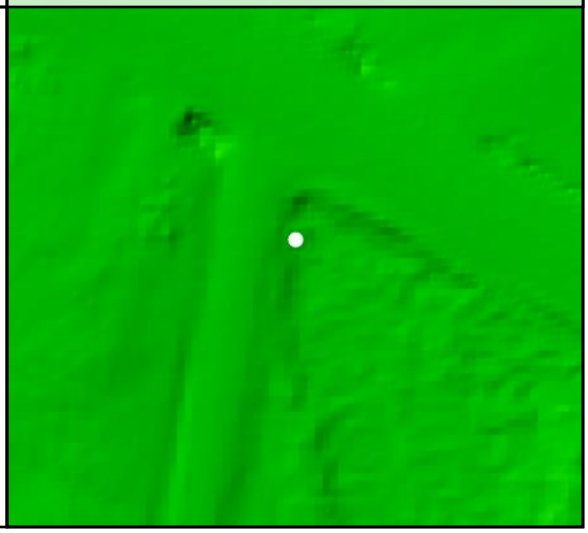
Intensity Raster

TIN Surface



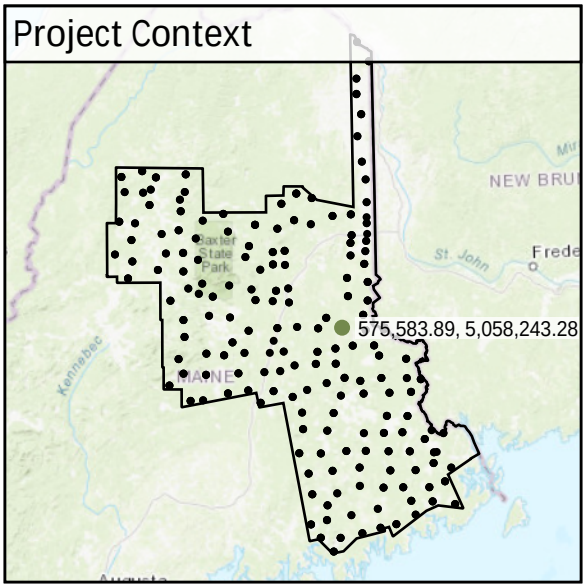
Project Elevation

DEM Surface



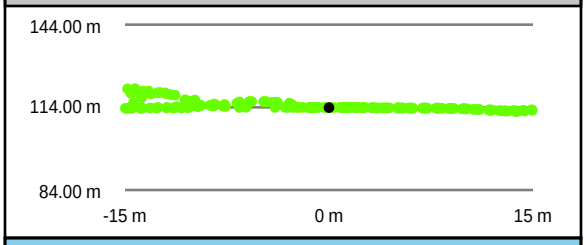
SH06				
	Known Z	113.90 m	Point Density	1.66 ppsm
	DEM Dz	0.07 m	Ground Density	1.59 ppsm
	All Points TIN Dz	N/A	Slope	1.24 °

Project Context

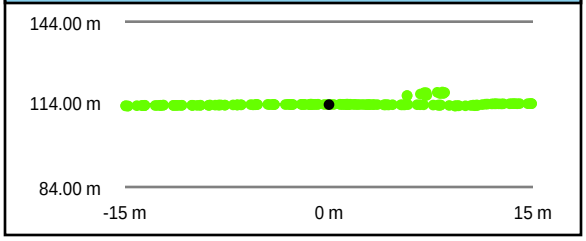


World Imagery

West to East

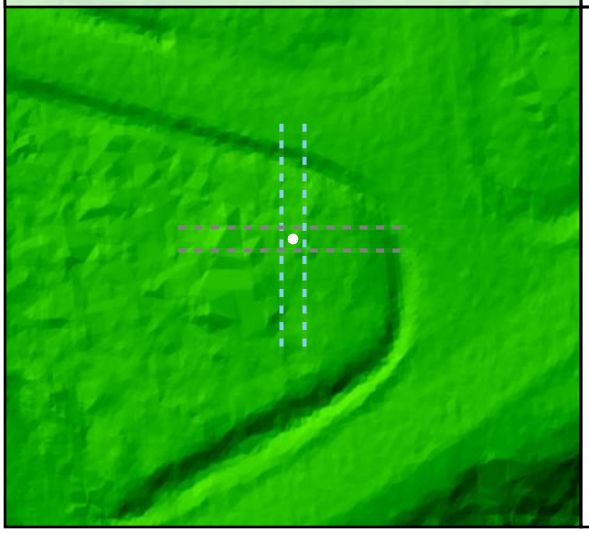


South to North



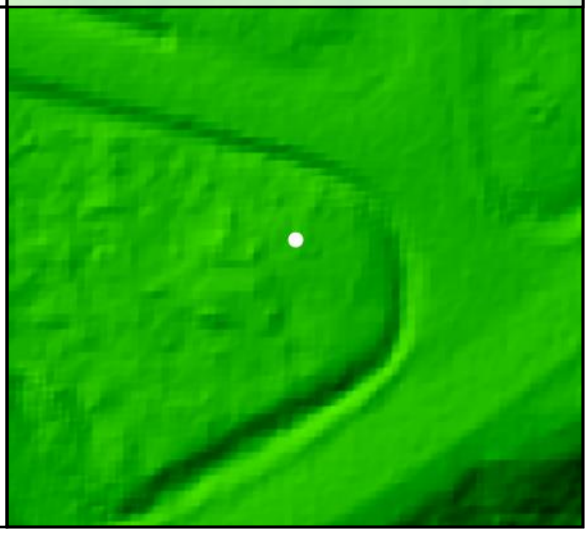
Intensity Raster

TIN Surface



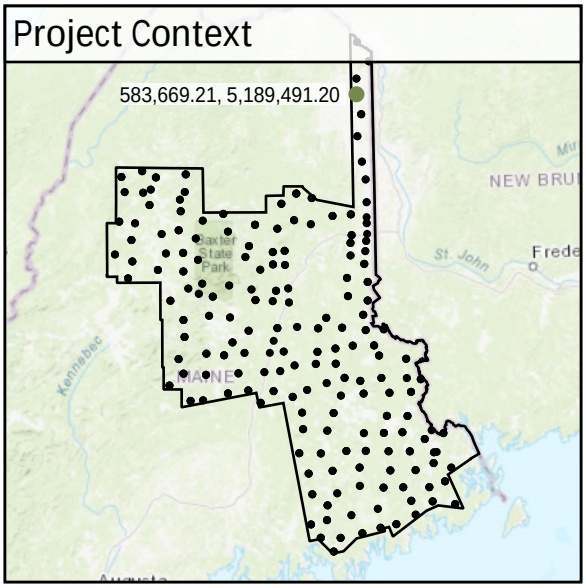
Project Elevation

DEM Surface



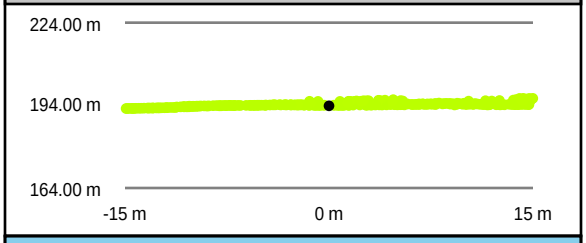
SH07				
	Known Z	193.82 m	Point Density	2.51 ppsm
	DEM Dz	0.24 m	Ground Density	1.63 ppsm
	All Points TIN Dz	N/A	Slope	2.61 °

Project Context

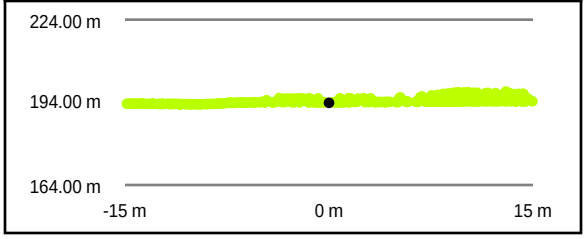


World Imagery

Southwest to Northeast

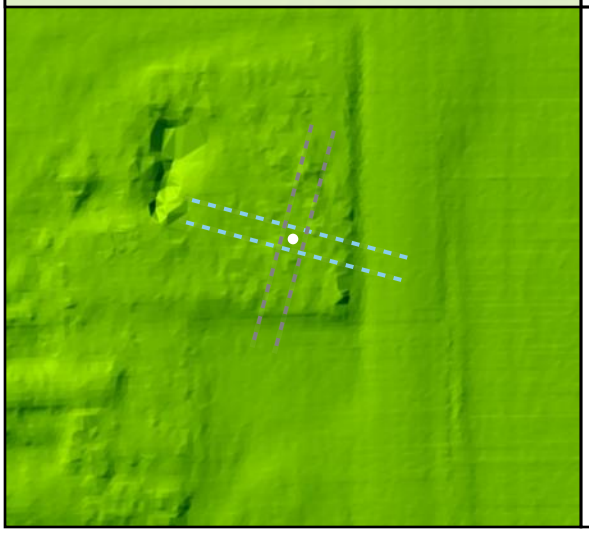


Southeast to Northwest



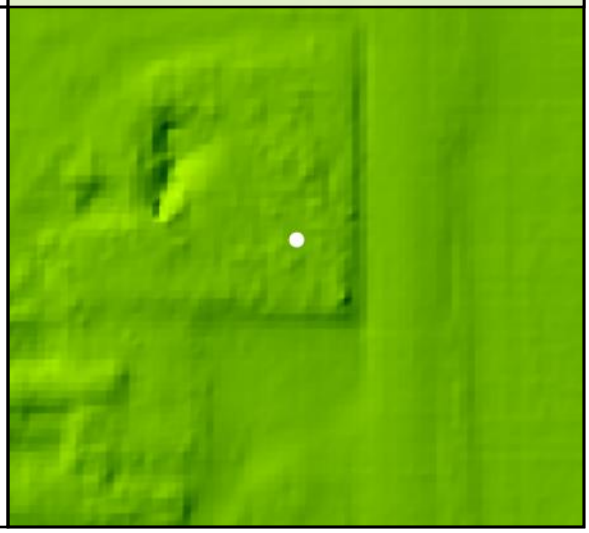
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



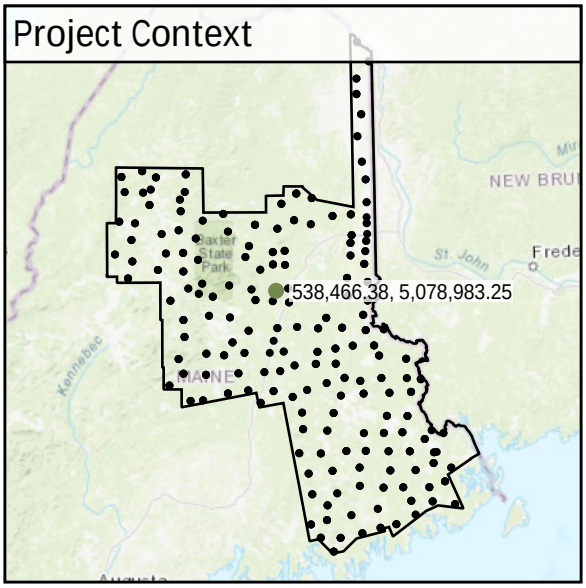
SH08

Known Z	170.93 m	Point Density	2.33 ppsm
DEM Dz	0.26 m	Ground Density	0.39 ppsm
All Points TIN Dz	N/A	Slope	5.28 °

DEM Dz +0.26 m

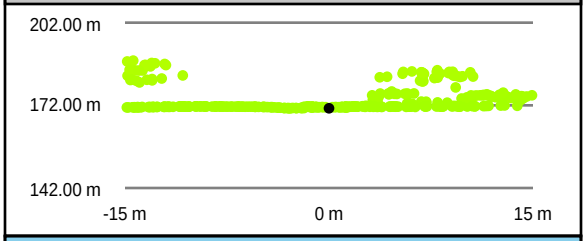
VVA - SH08

Project Context

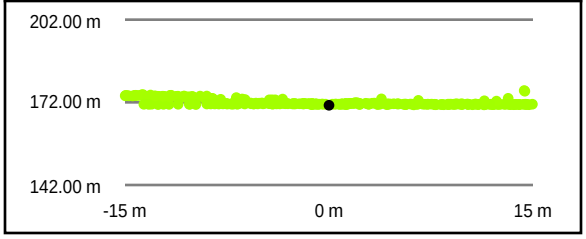


World Imagery

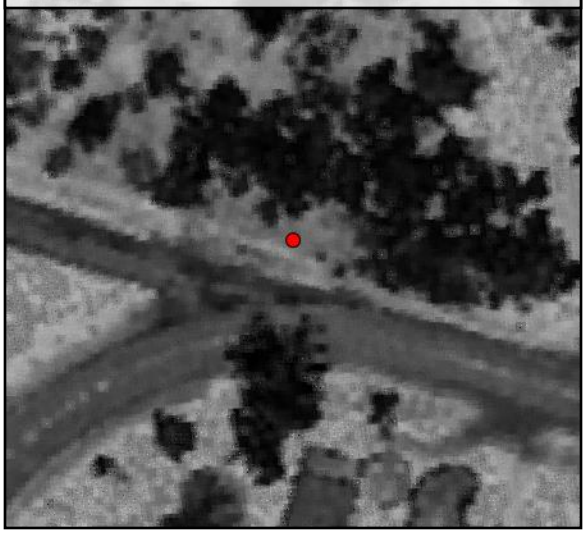
Southwest to Northeast



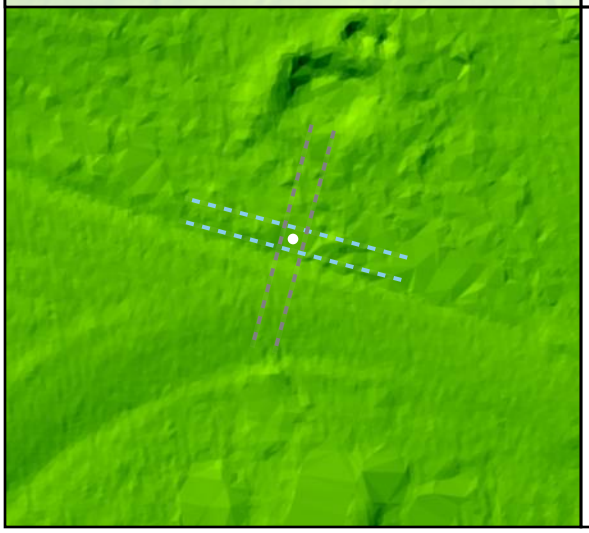
Southeast to Northwest



Intensity Raster

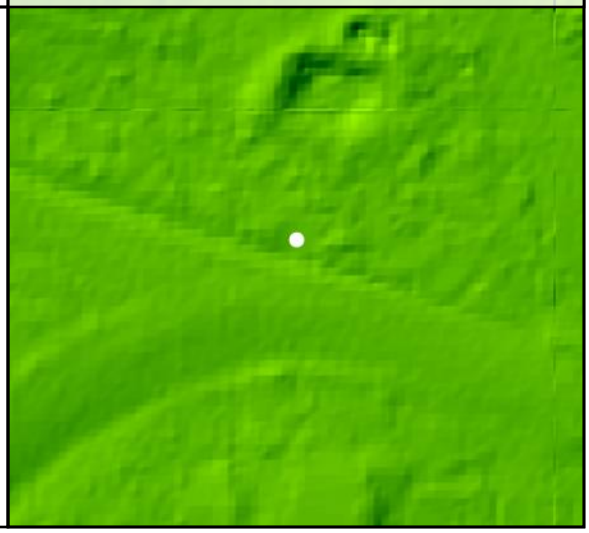


TIN Surface



Project Elevation

DEM Surface

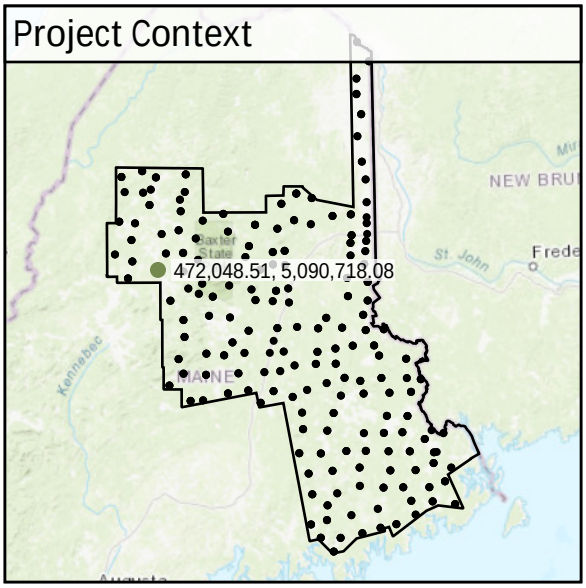


SH09				
	Known Z	323.96 m	Point Density	2.23 ppsm
	DEM Dz	0.00 m	Ground Density	2.51 ppsm
	All Points TIN Dz	N/A	Slope	5.32 °

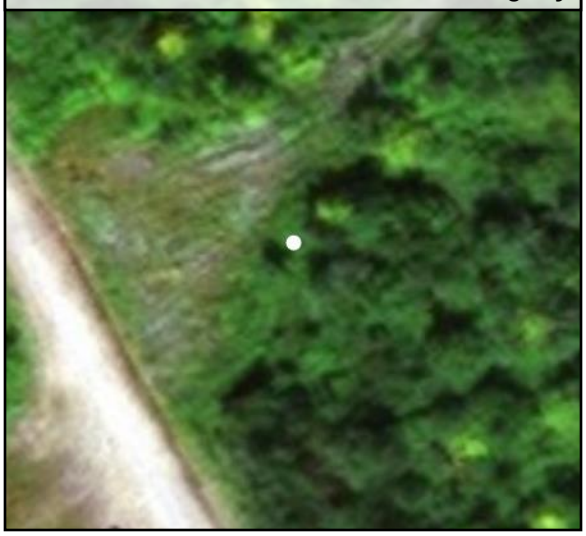
DEM Dz +0.00 m

VVA - SH09

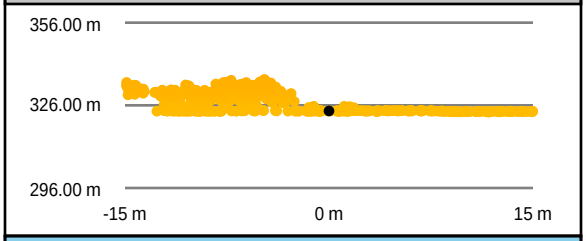
Project Context



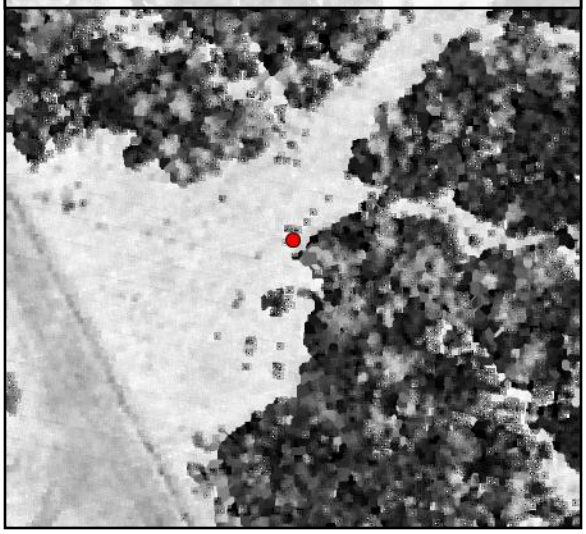
World Imagery



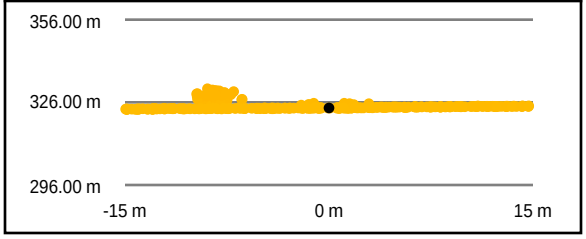
Southeast to Northwest



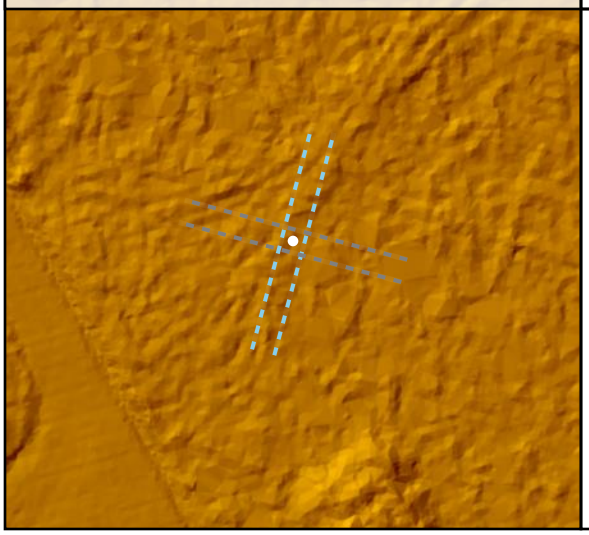
Intensity Raster



Southwest to Northeast

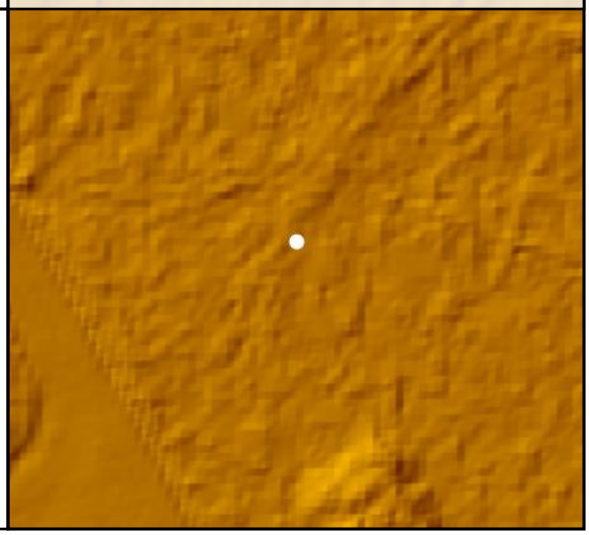


TIN Surface



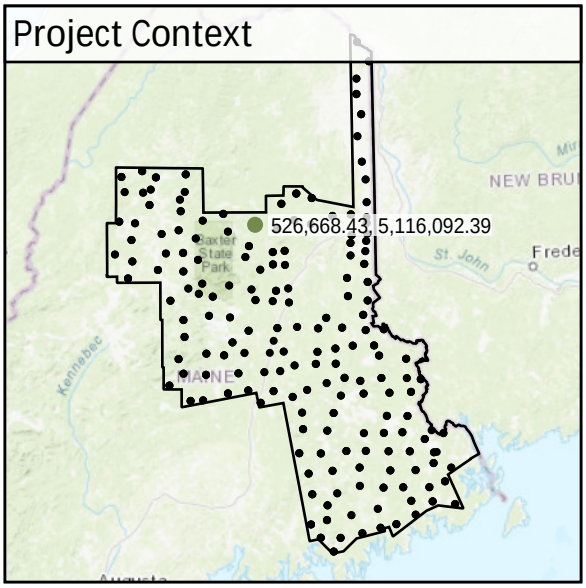
Project Elevation

DEM Surface



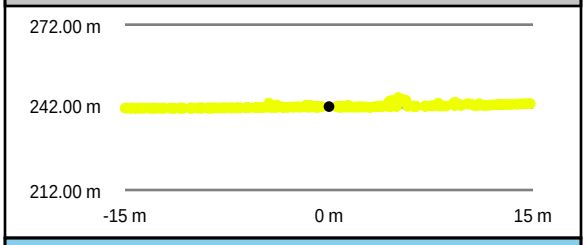
SH10				
	Known Z	242.27 m	Point Density	2.33 ppsm
	DEM Dz	-0.15 m	Ground Density	1.87 ppsm
	All Points TIN Dz	N/A	Slope	0.87 °

Project Context

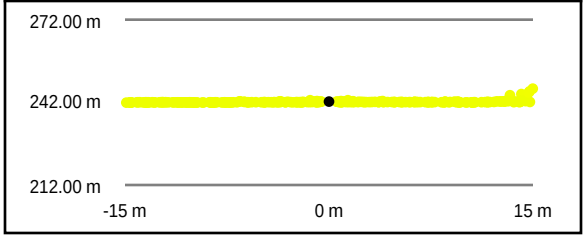


World Imagery

Southeast to Northwest

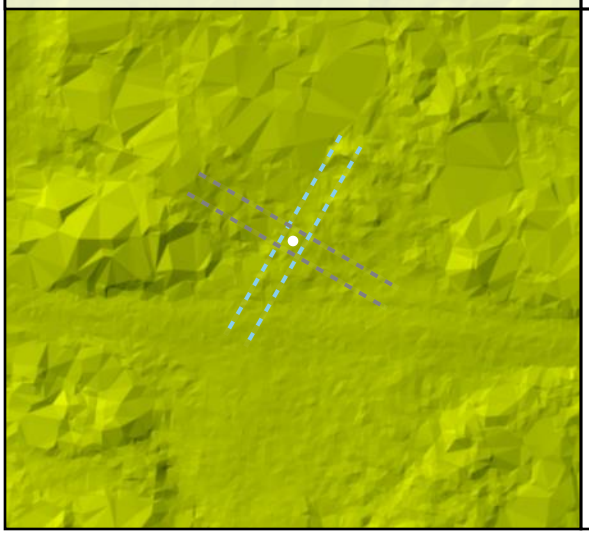


Southwest to Northeast



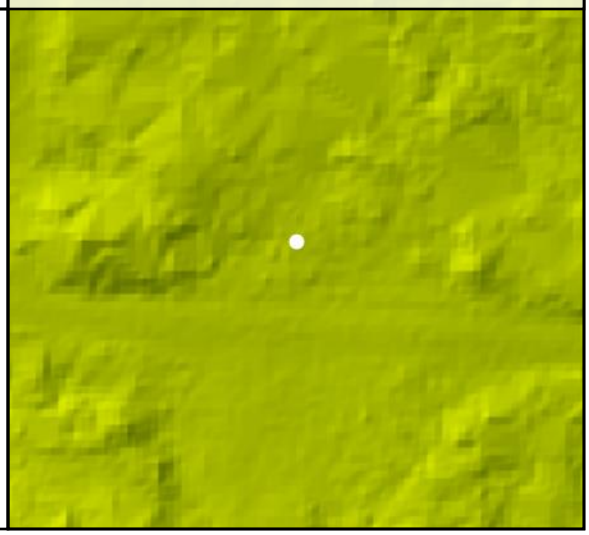
Intensity Raster

TIN Surface



Project Elevation

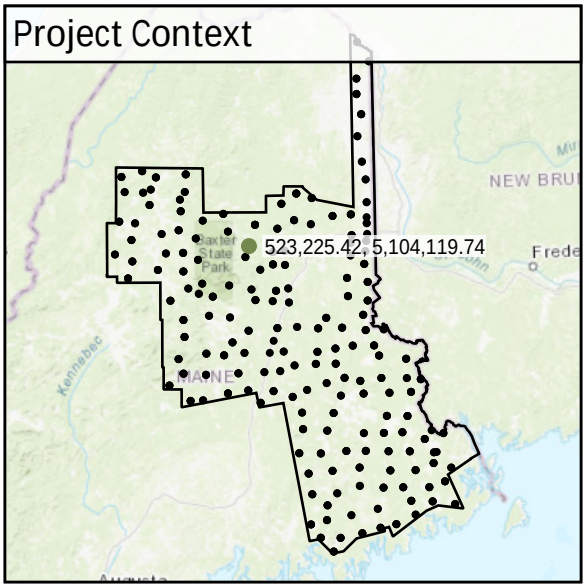
DEM Surface



SH11

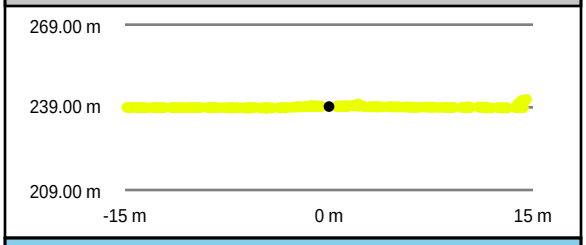
Known Z	239.28 m	Point Density	2.26 ppsm
DEM Dz	0.12 m	Ground Density	2.12 ppsm
All Points TIN Dz	N/A	Slope	5.45 °

Project Context

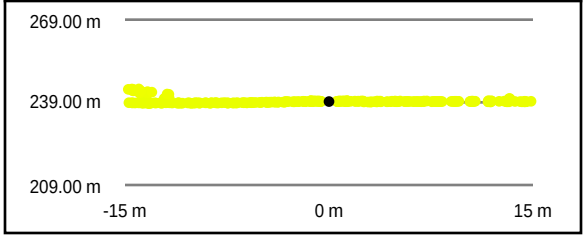


World Imagery

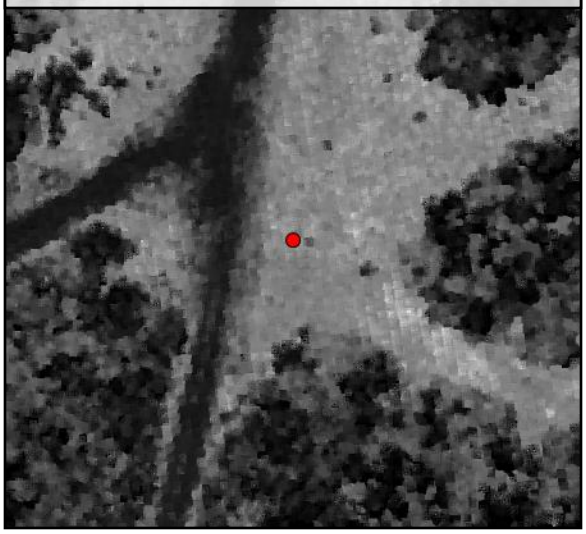
West to East



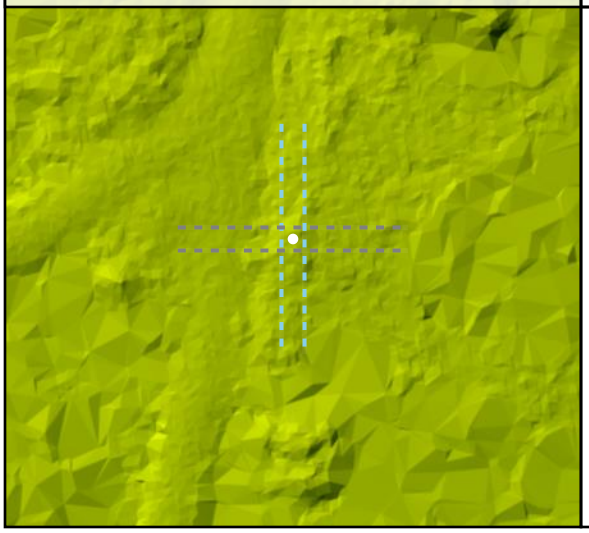
South to North



Intensity Raster

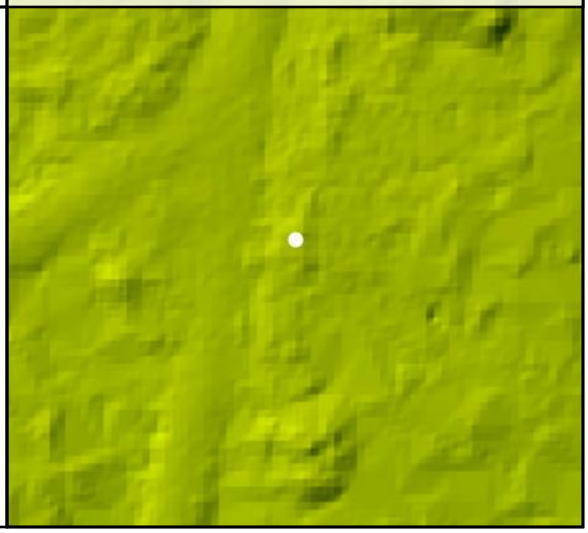


TIN Surface



Project Elevation

DEM Surface

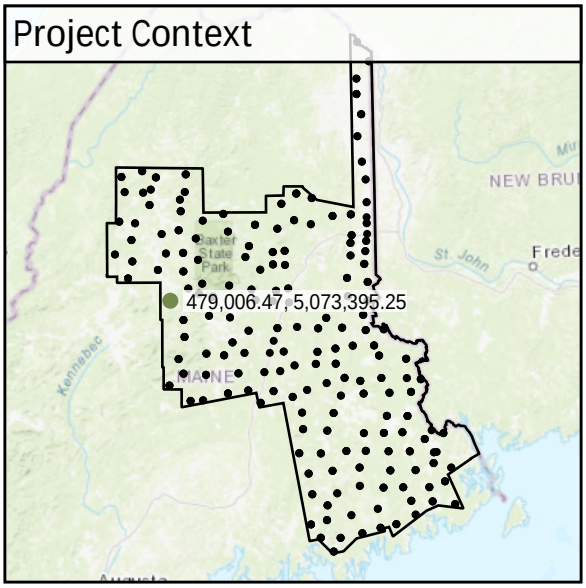


DEM Dz +0.12 m

VVA - SH11

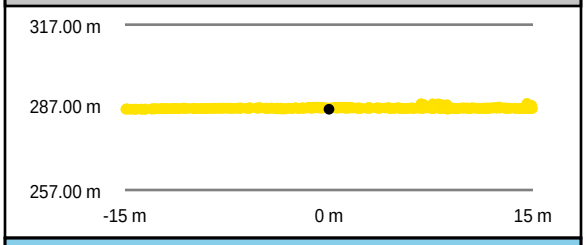
SH12				
	Known Z	286.31 m	Point Density	2.94 ppsm
	DEM Dz	0.57 m	Ground Density	2.30 ppsm
	All Points TIN Dz	N/A	Slope	6.22 °

Project Context

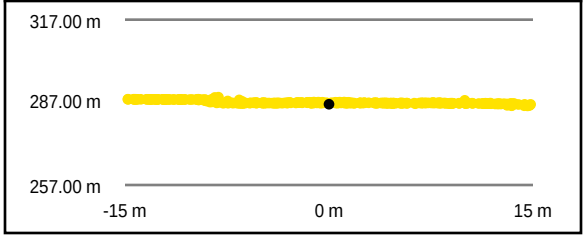


World Imagery

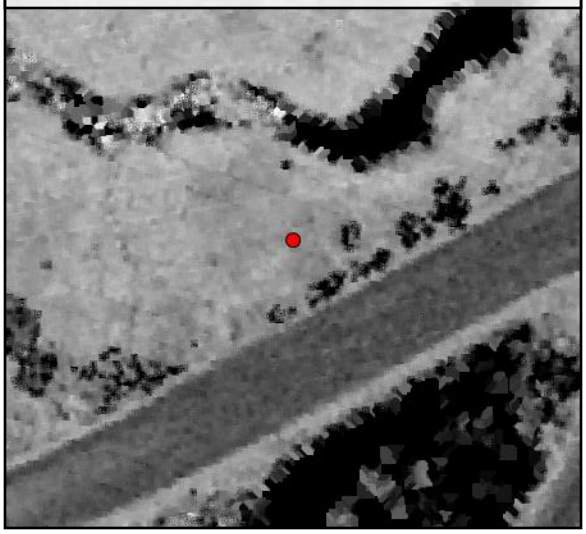
Southwest to Northeast



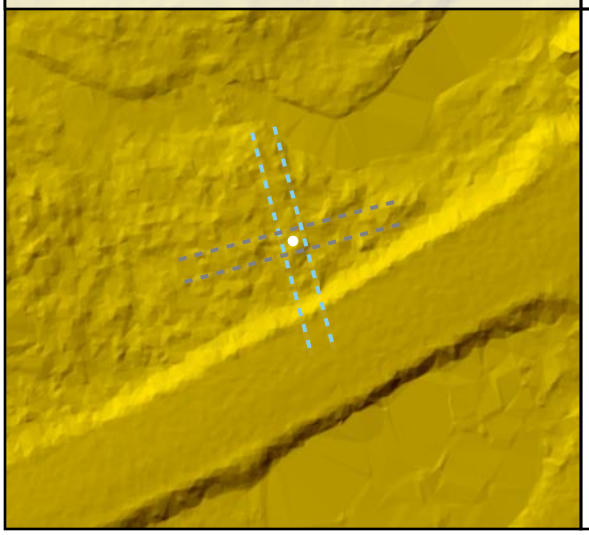
Southeast to Northwest



Intensity Raster

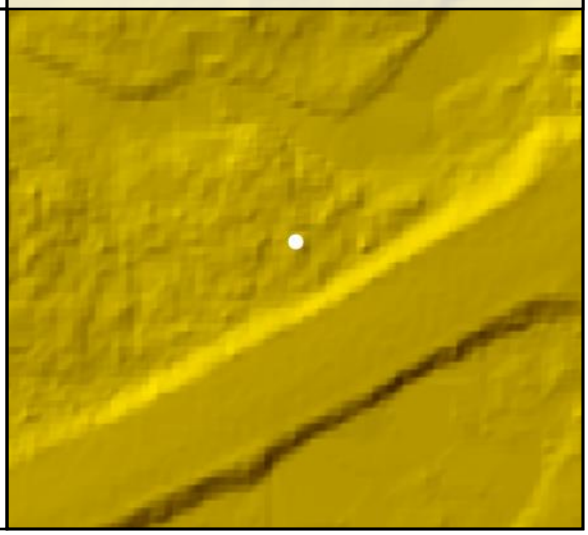


TIN Surface



Project Elevation

DEM Surface

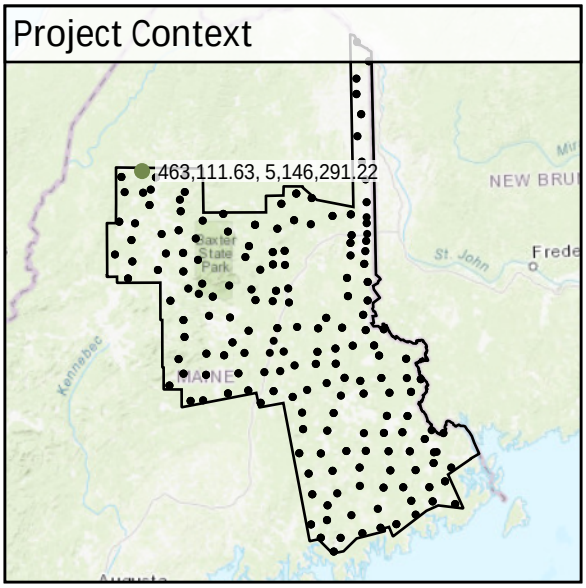


SH13				
	Known Z	368.82 m	Point Density	3.04 ppsm
	DEM Dz	0.08 m	Ground Density	3.04 ppsm
	All Points TIN Dz	N/A	Slope	4.83 °

DEM Dz +0.08 m

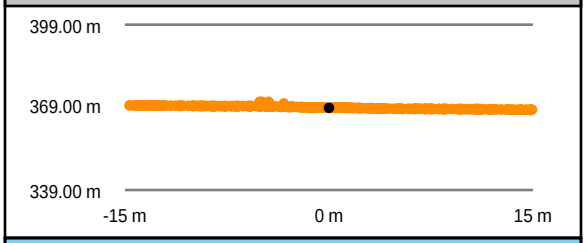
VVA - SH13

Project Context

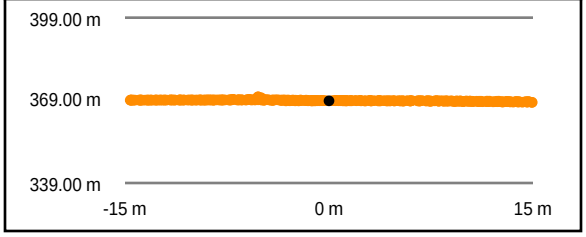


World Imagery

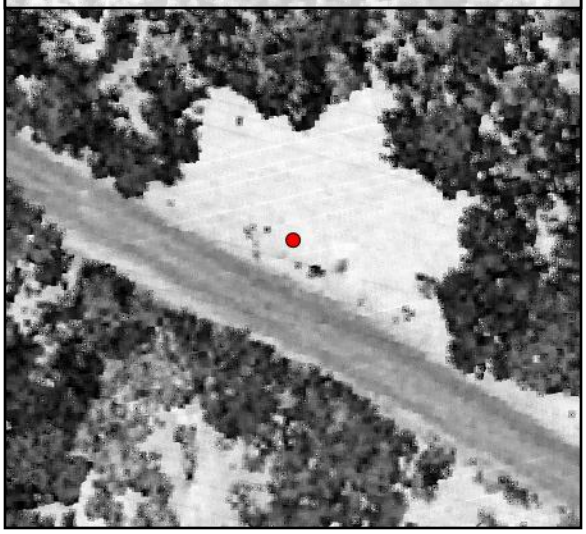
Southeast to Northwest



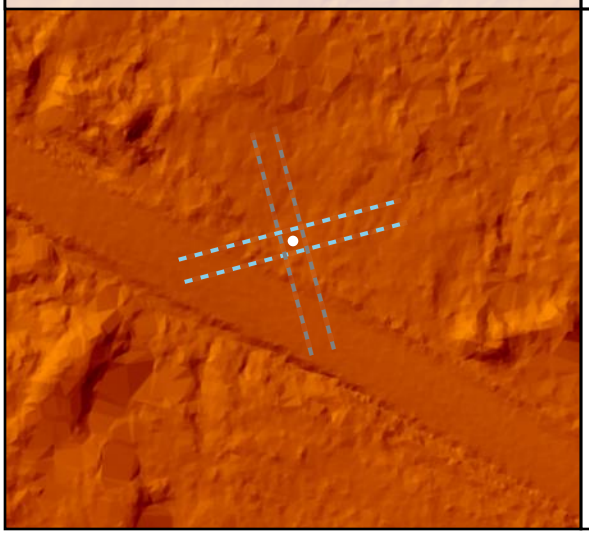
Southwest to Northeast



Intensity Raster



TIN Surface

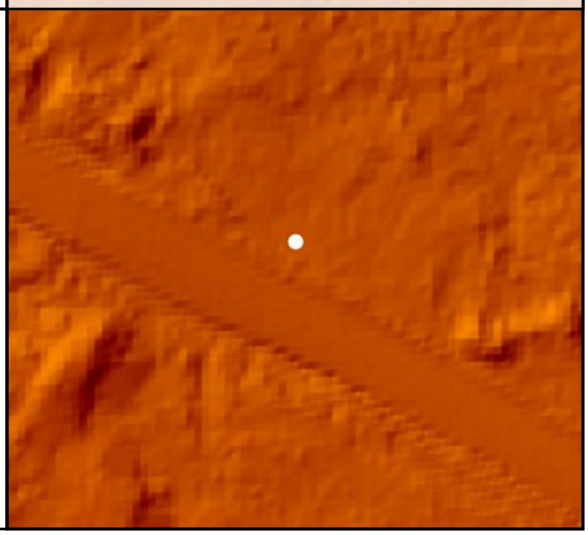


Project Elevation

501.87

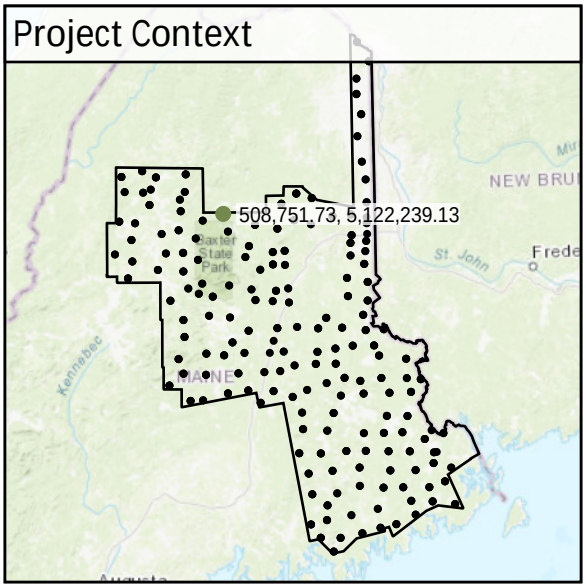
16.77

DEM Surface



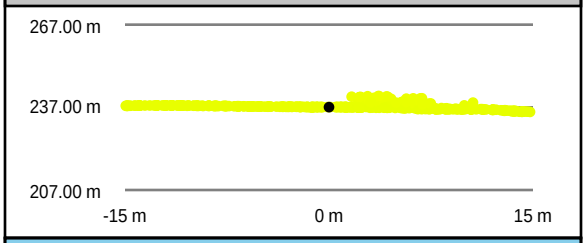
SH14				
	Known Z	237.07 m	Point Density	2.86 ppsm
	DEM Dz	0.03 m	Ground Density	2.86 ppsm
	All Points TIN Dz	N/A	Slope	3.31 °

Project Context

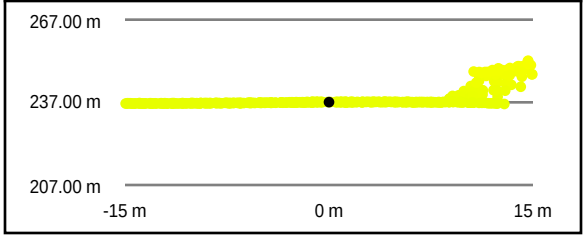


World Imagery

Southwest to Northeast

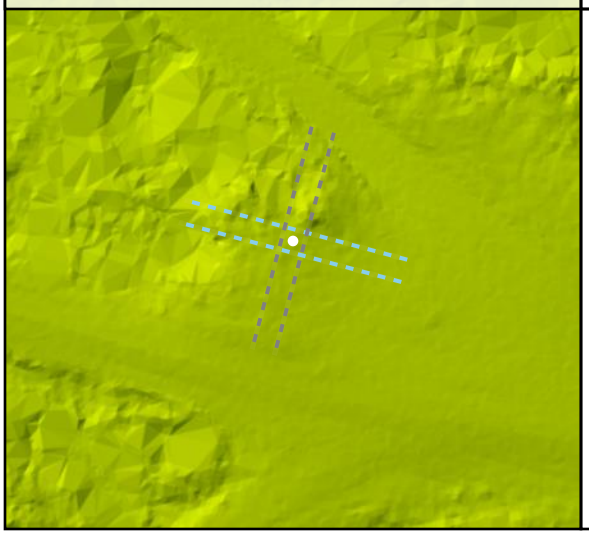


Southeast to Northwest



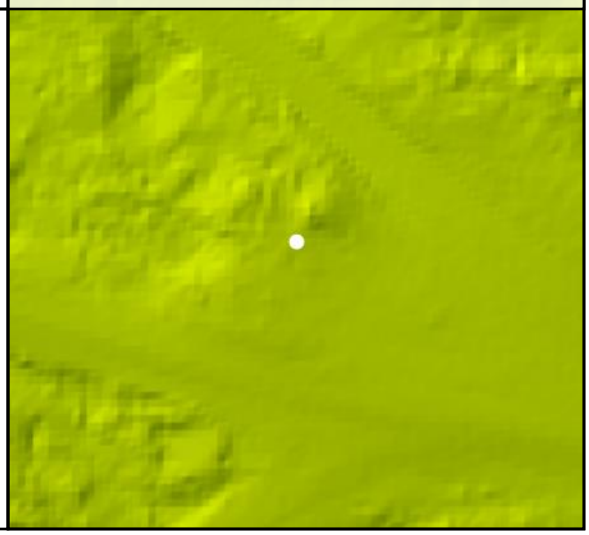
Intensity Raster

TIN Surface



Project Elevation

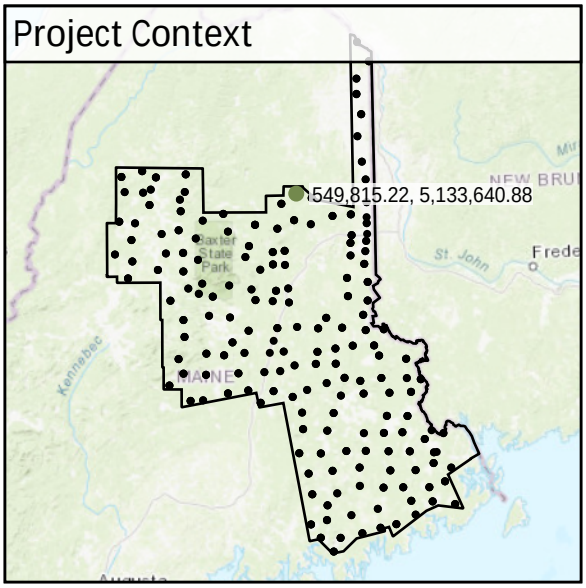
DEM Surface



SH15

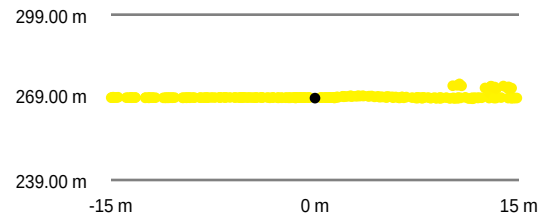
Known Z	268.71 m	Point Density	2.09 ppsm
DEM Dz	0.20 m	Ground Density	2.05 ppsm
All Points TIN Dz	N/A	Slope	4.49 °

Project Context

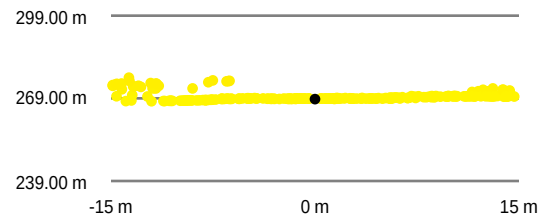


World Imagery

Southeast to Northwest

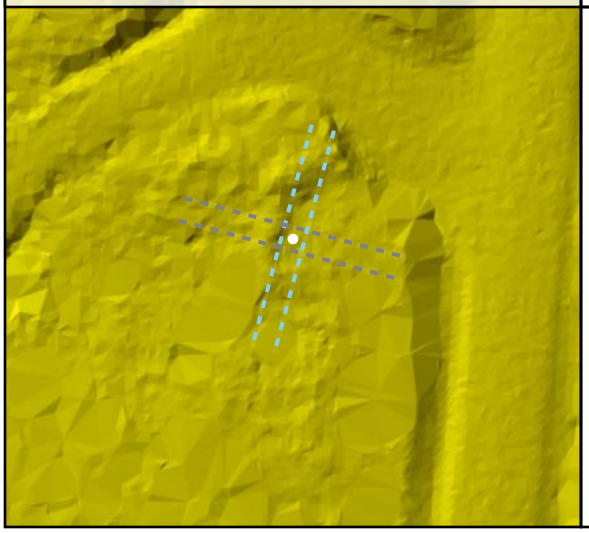


Southwest to Northeast



Intensity Raster

TIN Surface

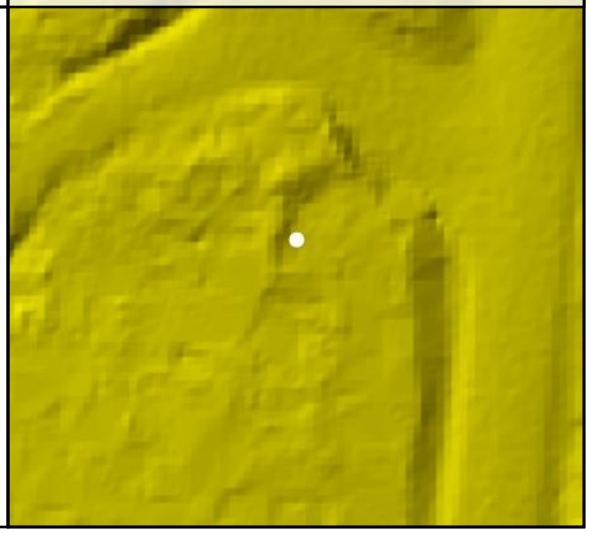


Project Elevation

501.87

16.77

DEM Surface

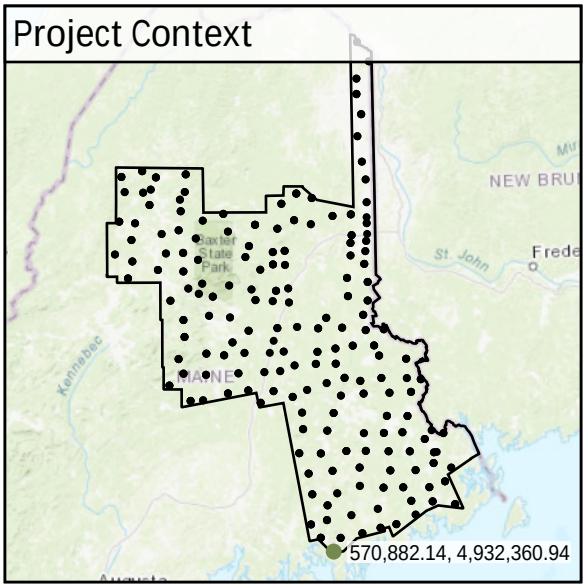


DEM Dz +0.20 m

VVA - SH15

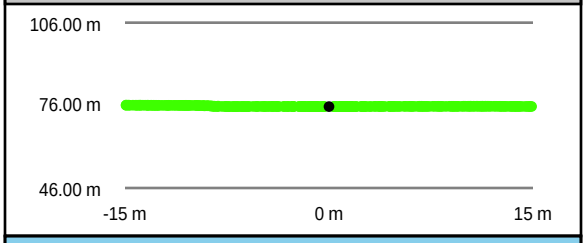
TW01				
	Known Z	75.54 m	Point Density	2.72 ppsm
	DEM Dz	0.02 m	Ground Density	2.72 ppsm
	All Points TIN Dz	N/A	Slope	0.60 °

Project Context

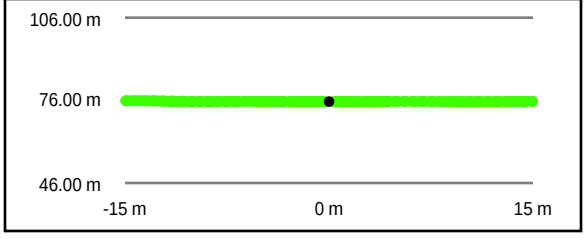


World Imagery

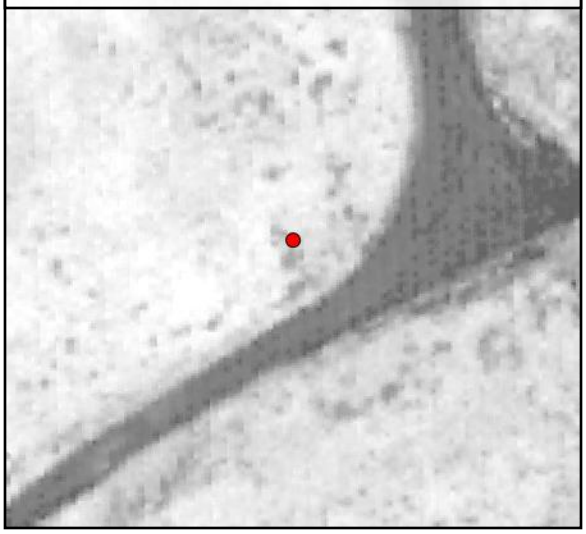
Southeast to Northwest



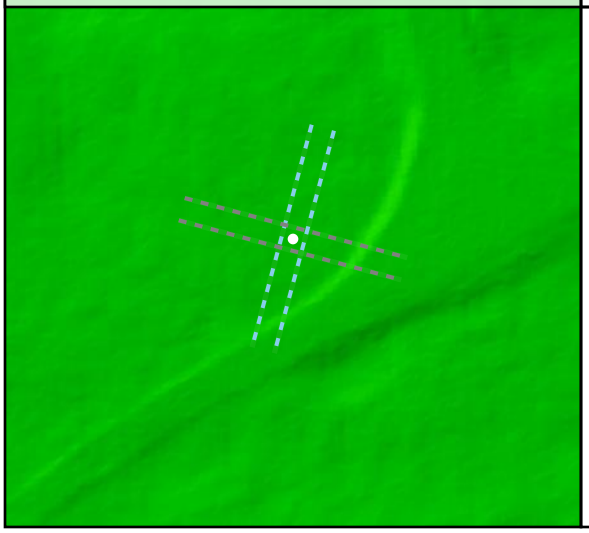
Southwest to Northeast



Intensity Raster

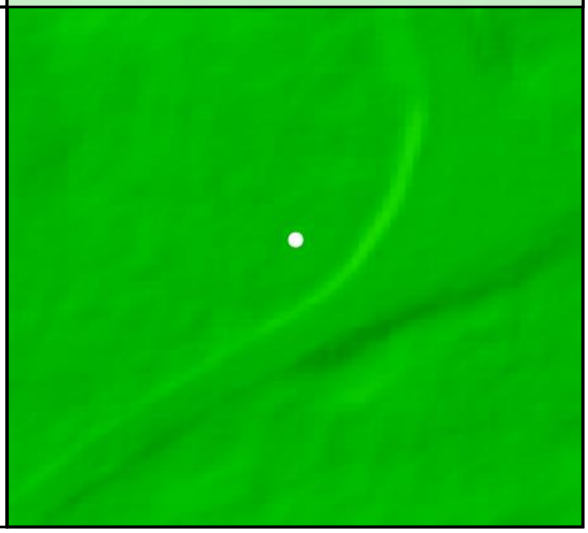


TIN Surface



Project Elevation

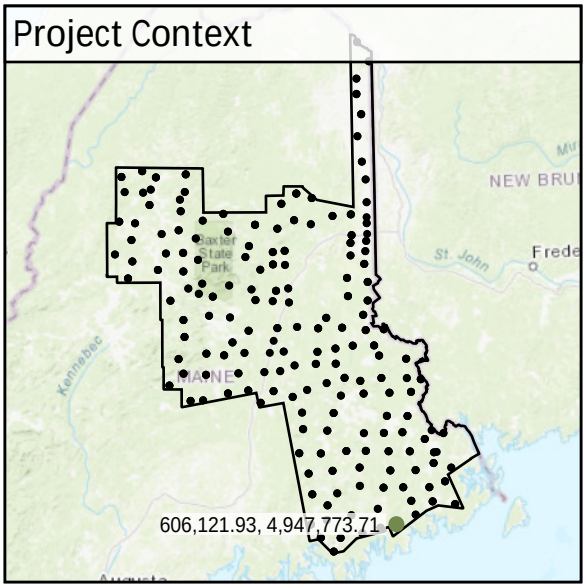
DEM Surface



TW02

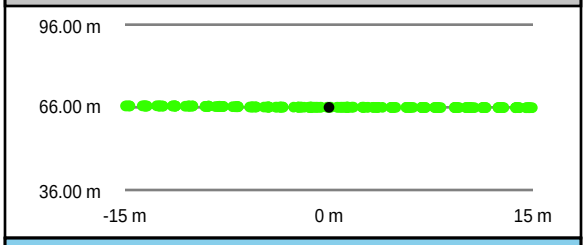
Known Z	65.99 m	Point Density	2.48 ppsm
DEM Dz	0.05 m	Ground Density	2.48 ppsm
All Points TIN Dz	N/A	Slope	0.51 °

Project Context

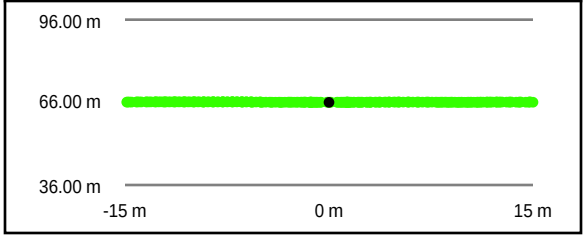


World Imagery

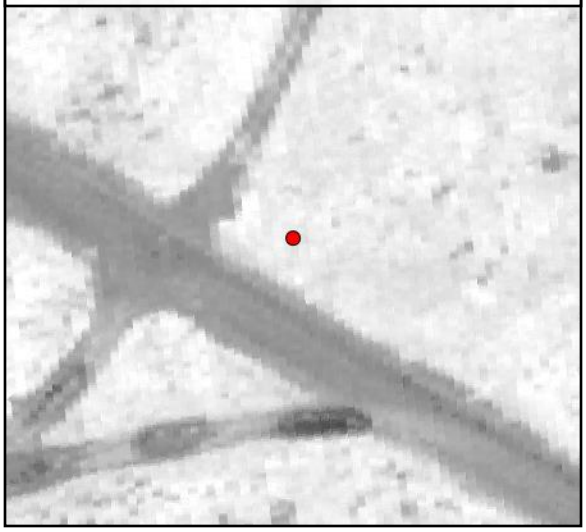
West to East



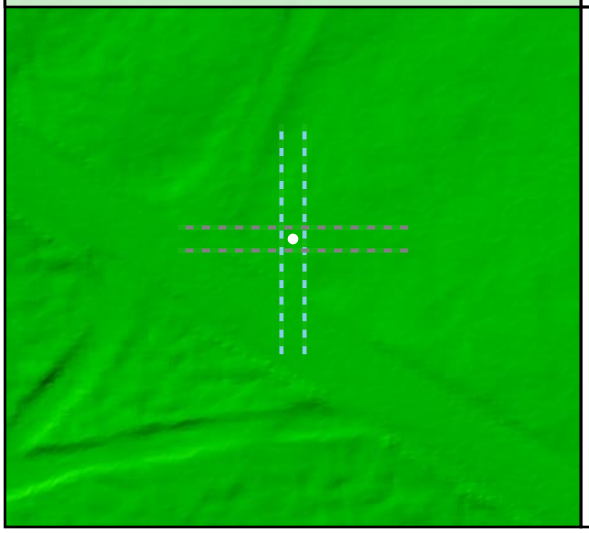
South to North



Intensity Raster

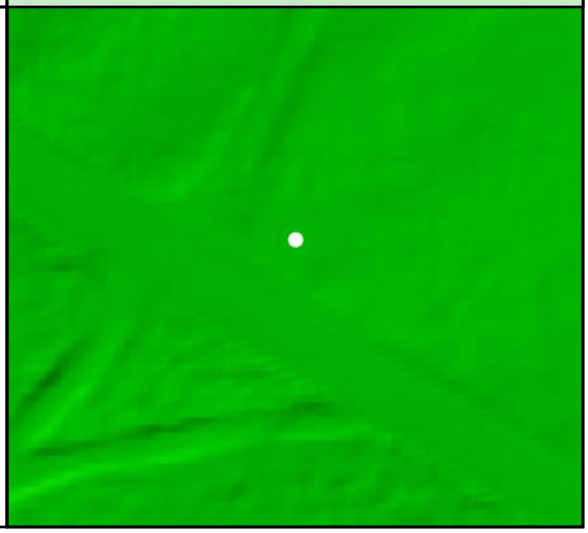


TIN Surface



Project Elevation

DEM Surface



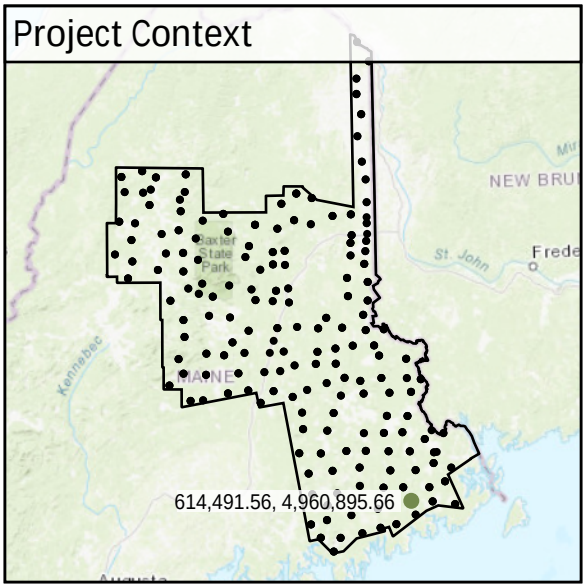
DEM Dz +0.05 m

VVA - TW02

TW03

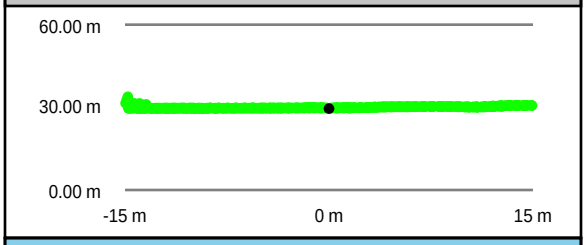
Known Z	29.54 m	Point Density	3.50 ppsm
DEM Dz	0.26 m	Ground Density	3.50 ppsm
All Points TIN Dz	N/A	Slope	2.32 °

Project Context

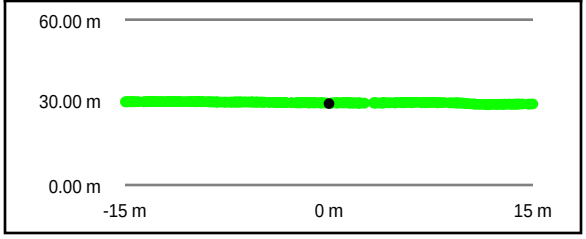


World Imagery

Southeast to Northwest

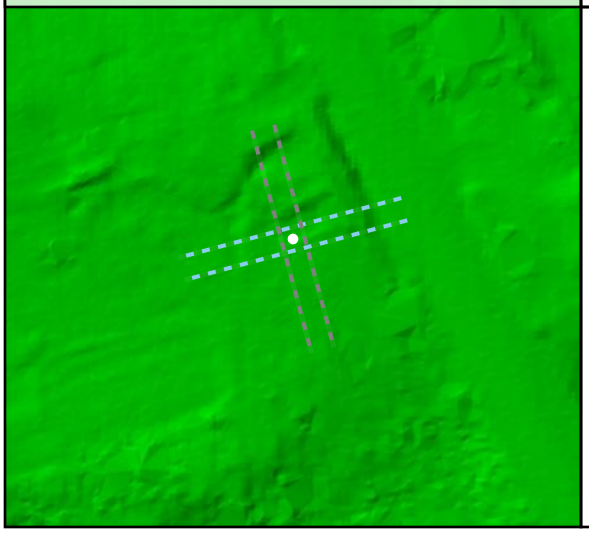


Southwest to Northeast

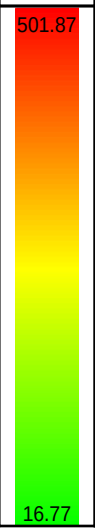


Intensity Raster

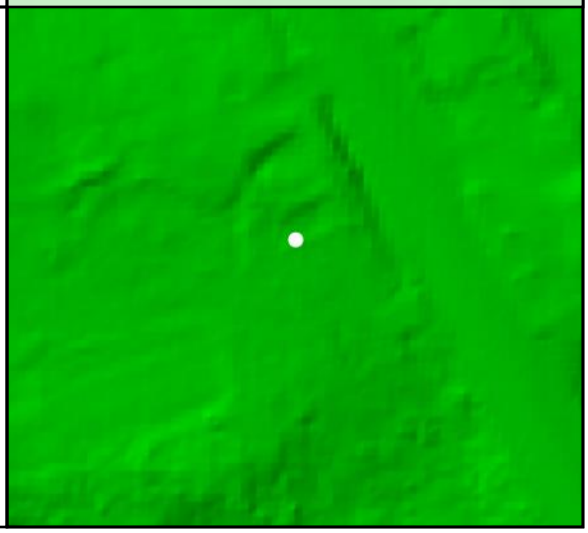
TIN Surface



Project Elevation



DEM Surface



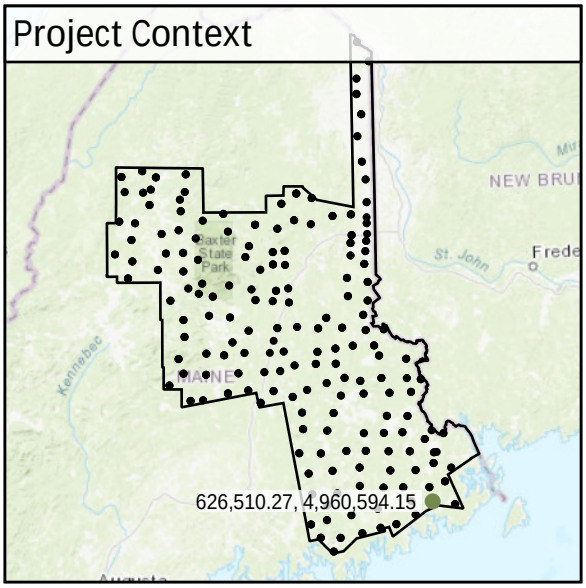
DEM Dz +0.26 m

VVA - TW03

TW04

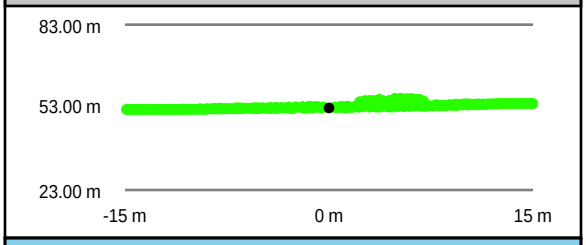
Known Z	52.78 m	Point Density	3.04 ppsm
DEM Dz	0.27 m	Ground Density	2.90 ppsm
All Points TIN Dz	N/A	Slope	13.62 °

Project Context

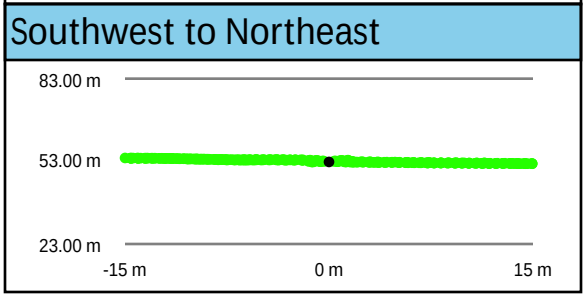


World Imagery

Southeast to Northwest

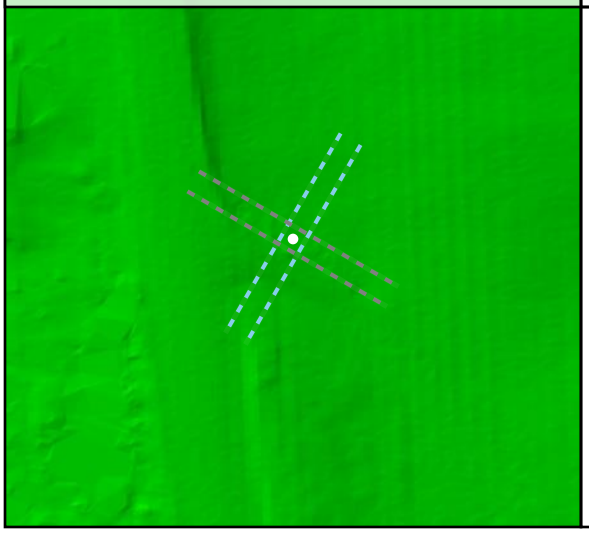


Southwest to Northeast



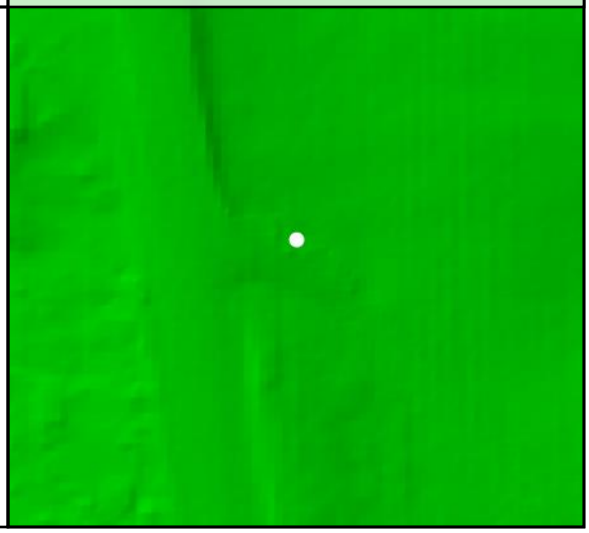
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



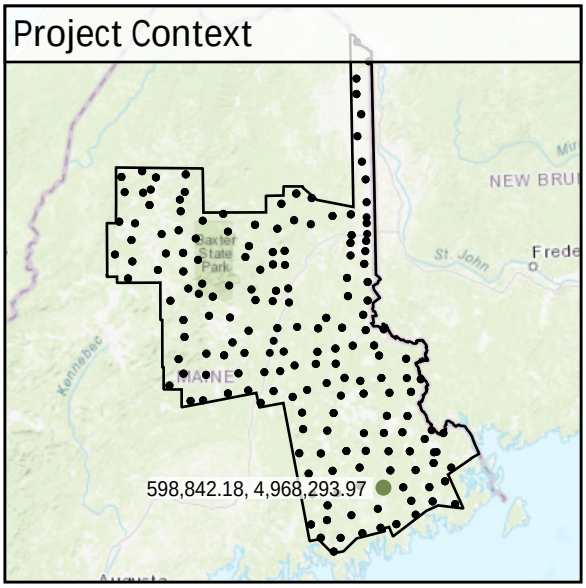
DEM Dz +0.27 m

VVA - TW04

TW05

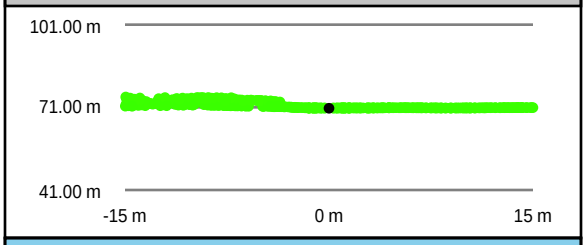
Known Z	70.66 m	Point Density	2.97 ppsm
DEM Dz	0.09 m	Ground Density	2.97 ppsm
All Points TIN Dz	N/A	Slope	0.96 °

Project Context

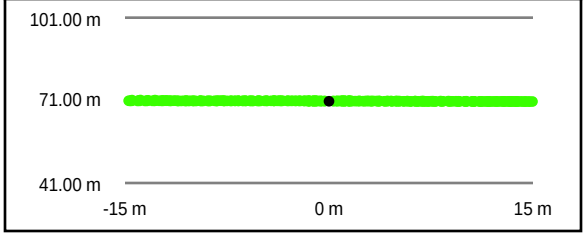


World Imagery

Southeast to Northwest

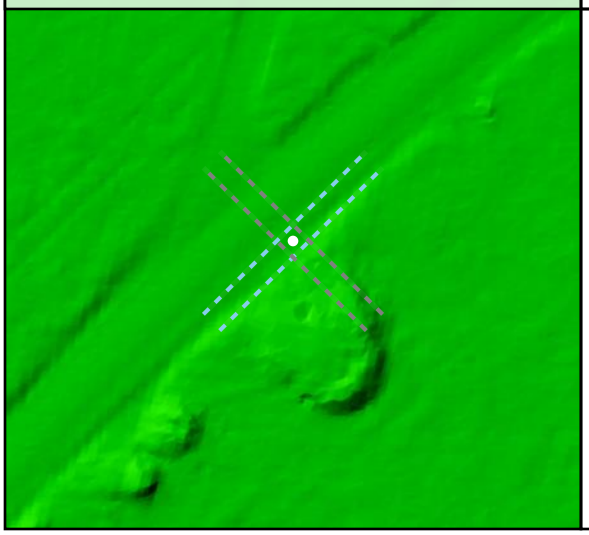


Southwest to Northeast



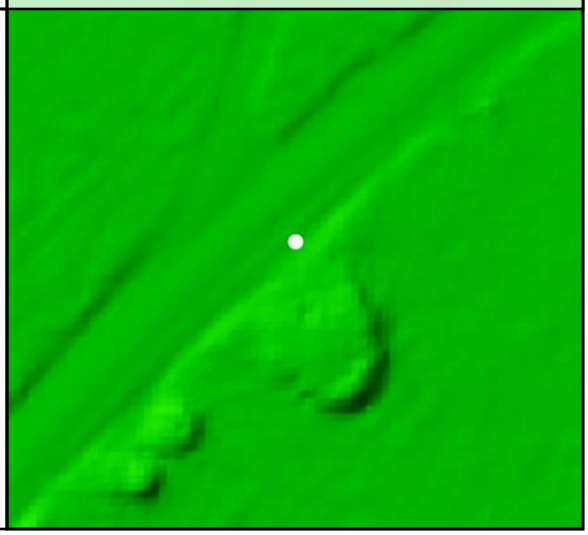
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



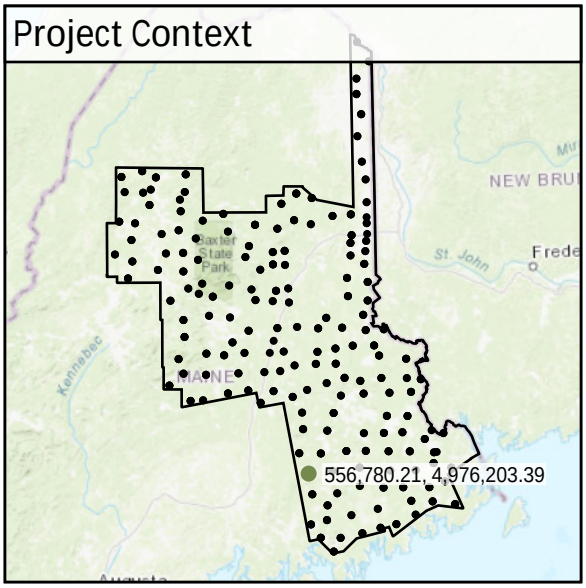
DEM Dz +0.09 m

VVA - TW05

TW06

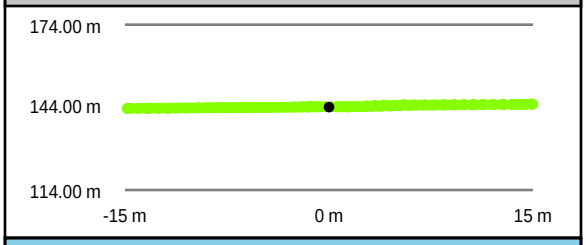
Known Z	144.09 m	Point Density	2.55 ppsm
DEM Dz	0.12 m	Ground Density	2.55 ppsm
All Points TIN Dz	N/A	Slope	3.50 °

Project Context

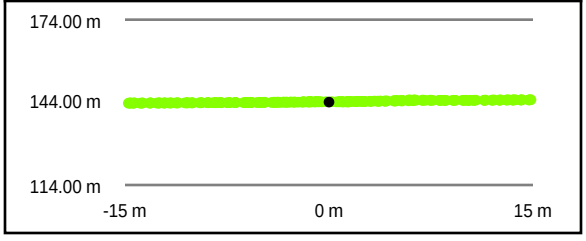


World Imagery

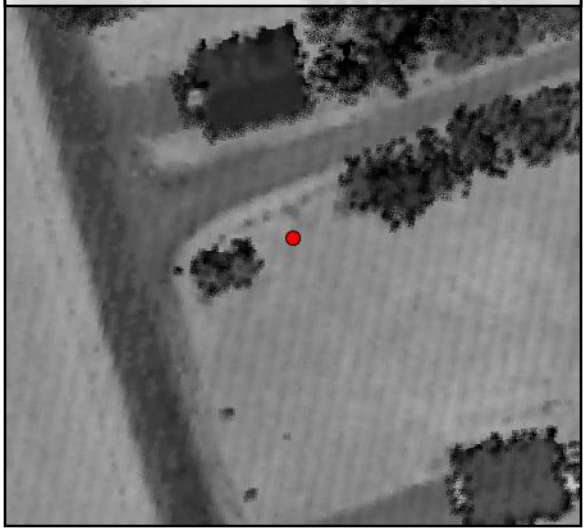
Southwest to Northeast



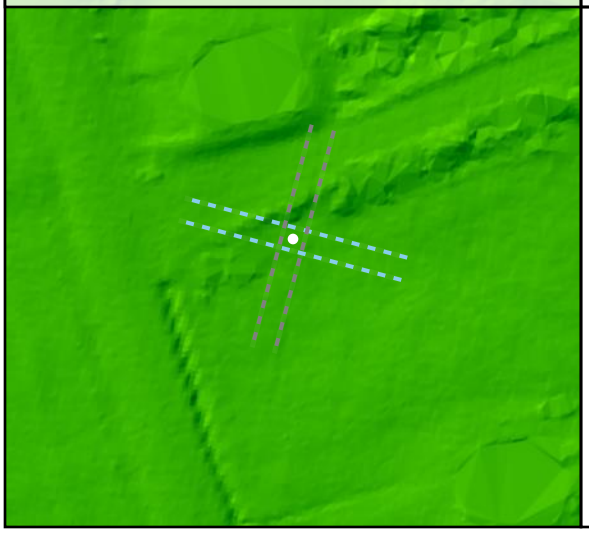
Southeast to Northwest



Intensity Raster

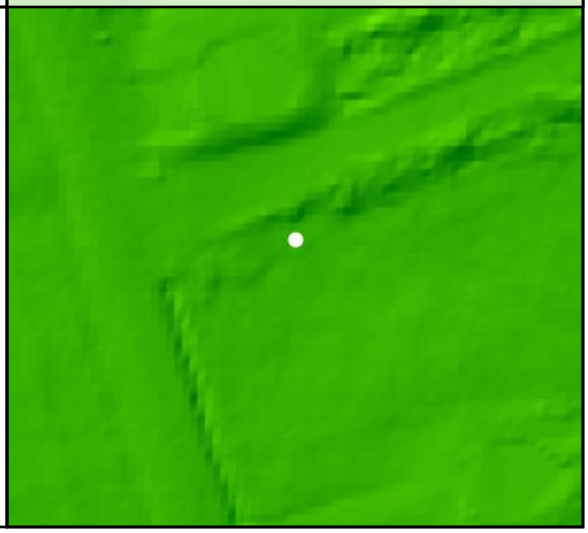


TIN Surface



Project Elevation

DEM Surface



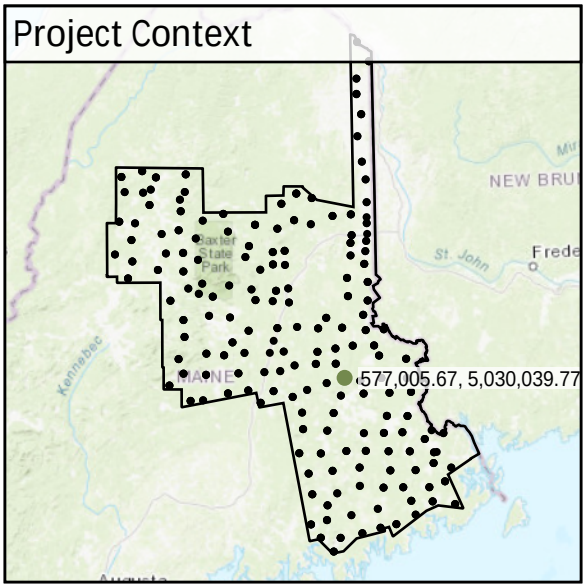
DEM Dz +0.12 m

VVA - TW06

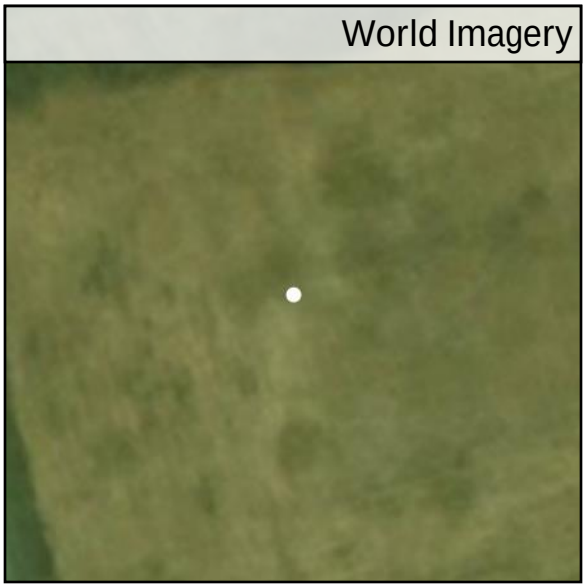
TW07

Known Z	203.72 m	Point Density	2.44 ppsm
DEM Dz	0.06 m	Ground Density	2.33 ppsm
All Points TIN Dz	N/A	Slope	7.42 °

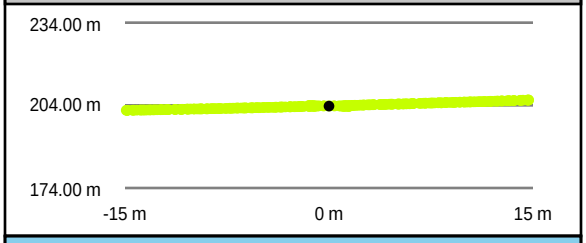
Project Context



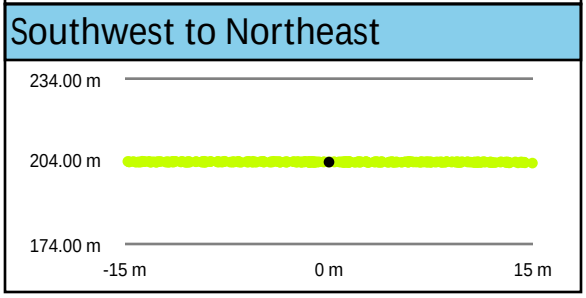
World Imagery



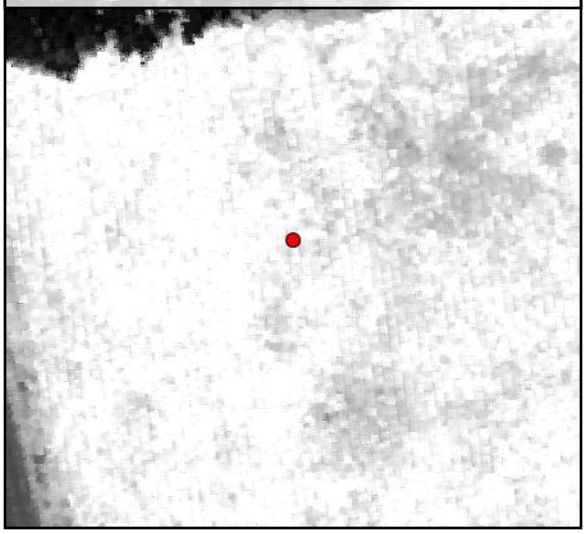
Southeast to Northwest



Southwest to Northeast



Intensity Raster



TIN Surface

Project Elevation

DEM Surface

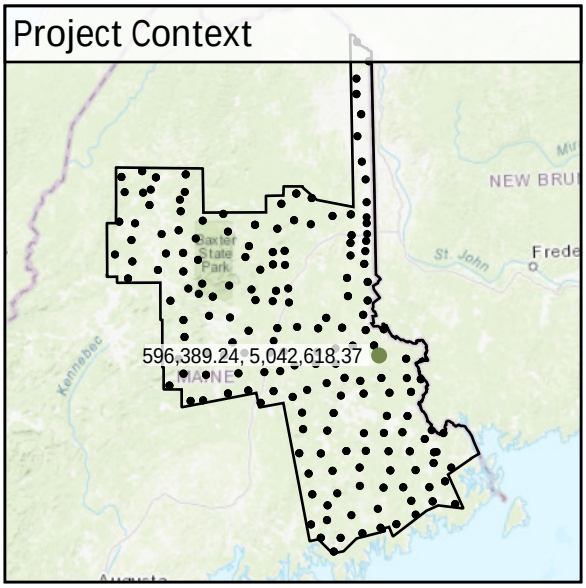
DEM Dz +0.06 m

VVA - TW07

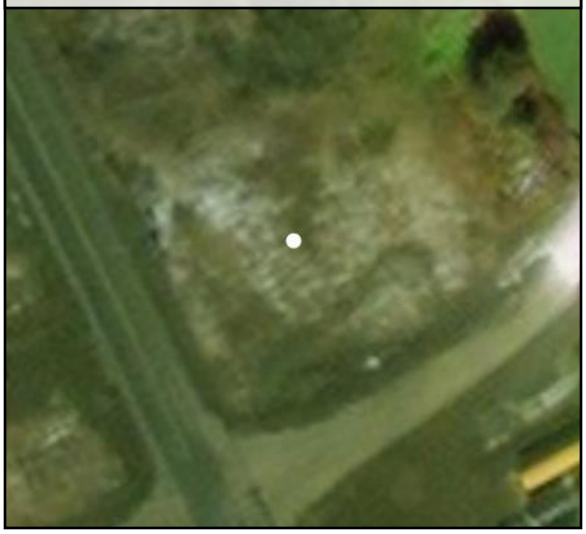
TW08

Known Z	136.53 m	Point Density	2.23 ppsm
DEM Dz	0.24 m	Ground Density	2.23 ppsm
All Points TIN Dz	N/A	Slope	4.99 °

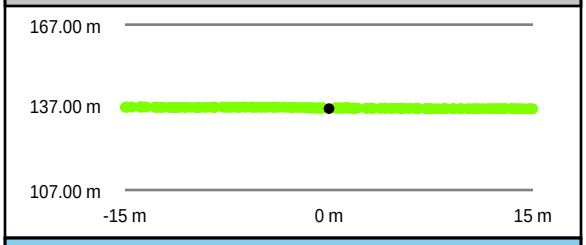
Project Context



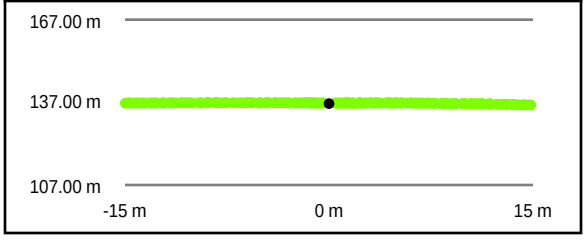
World Imagery



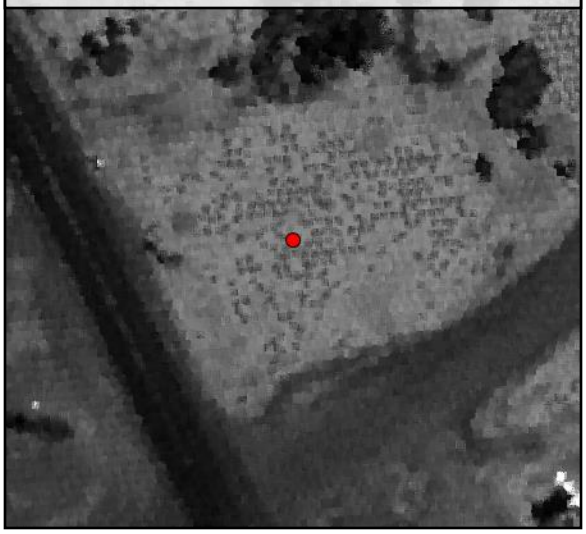
Southwest to Northeast



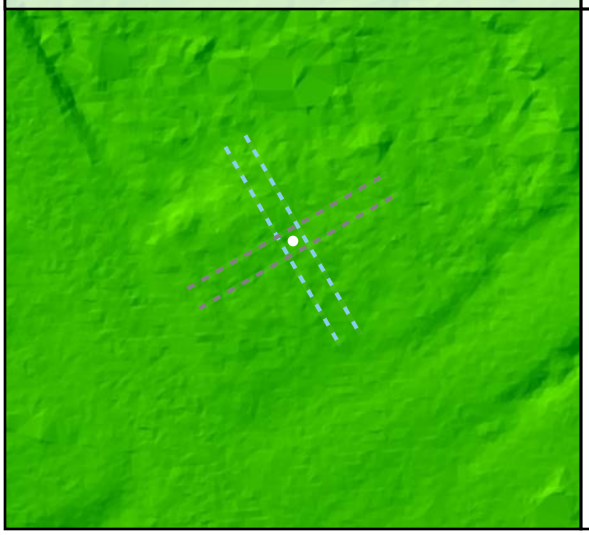
Southeast to Northwest



Intensity Raster

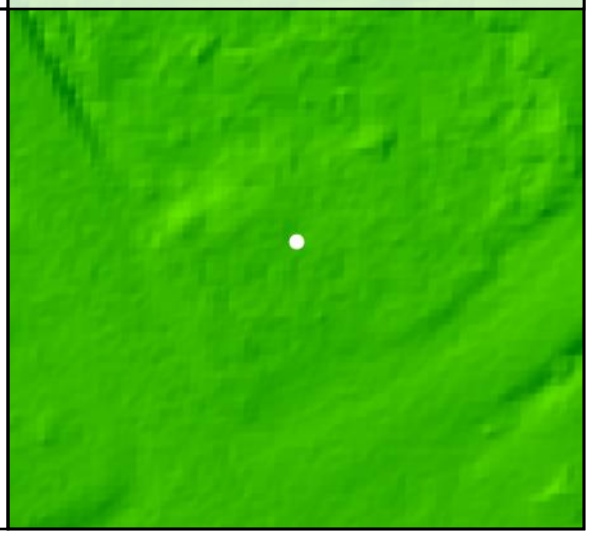


TIN Surface



Project Elevation

DEM Surface

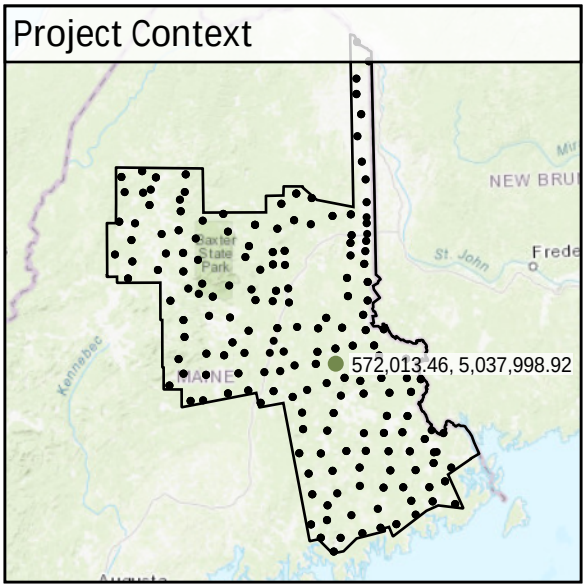


DEM Dz +0.24 m

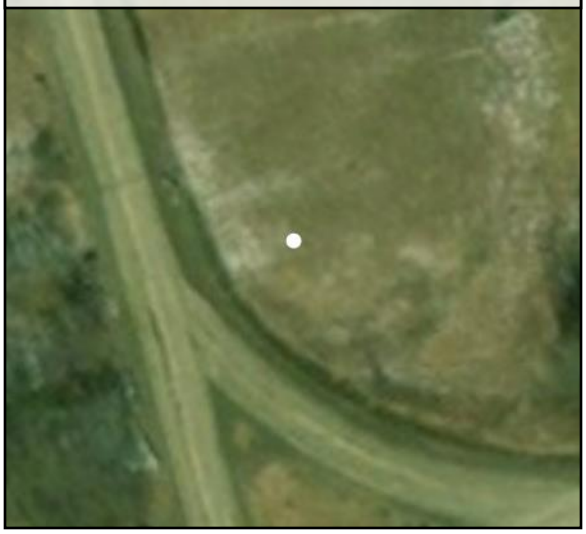
VVA - TW08

TW09				
	Known Z	189.62 m	Point Density	2.05 ppsm
	DEM Dz	0.04 m	Ground Density	2.05 ppsm
	All Points TIN Dz	N/A	Slope	2.18 °

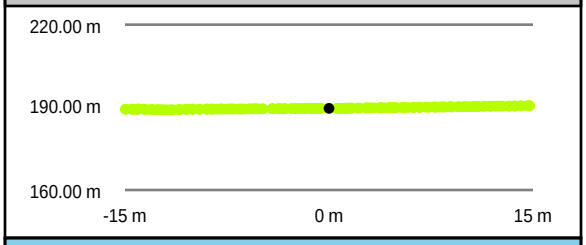
Project Context



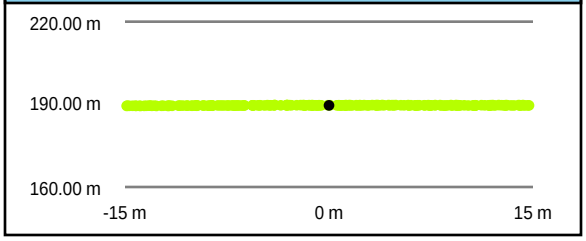
World Imagery



Southwest to Northeast

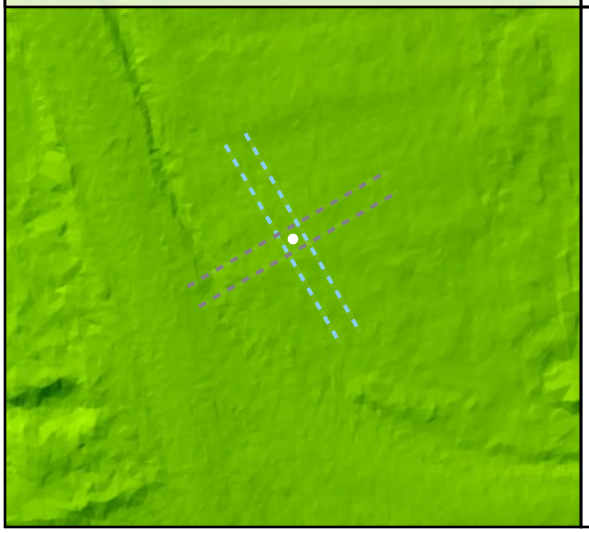


Southeast to Northwest



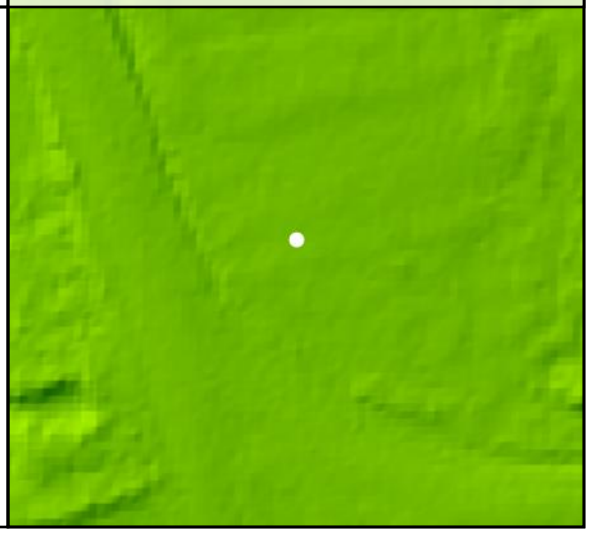
Intensity Raster

TIN Surface



Project Elevation

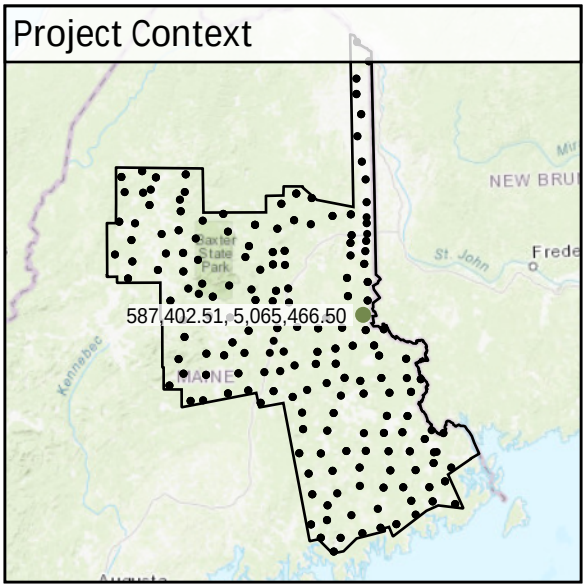
DEM Surface



TW10

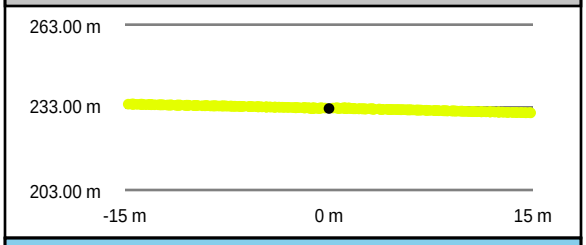
Known Z	232.58 m	Point Density	2.94 ppsm
DEM Dz	0.16 m	Ground Density	2.94 ppsm
All Points TIN Dz	N/A	Slope	6.28 °

Project Context

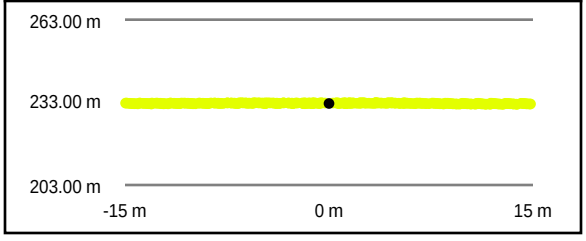


World Imagery

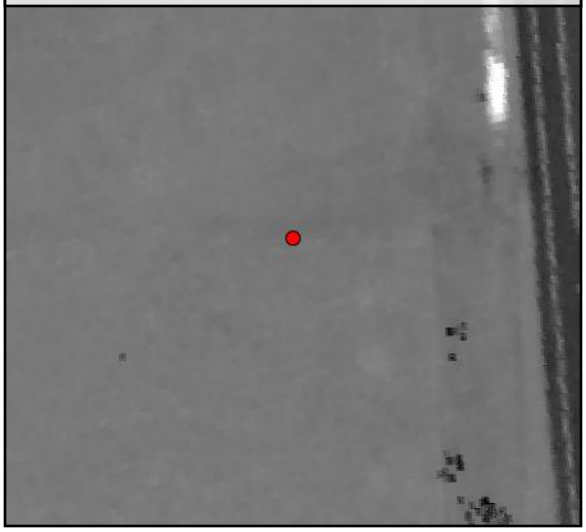
West to East



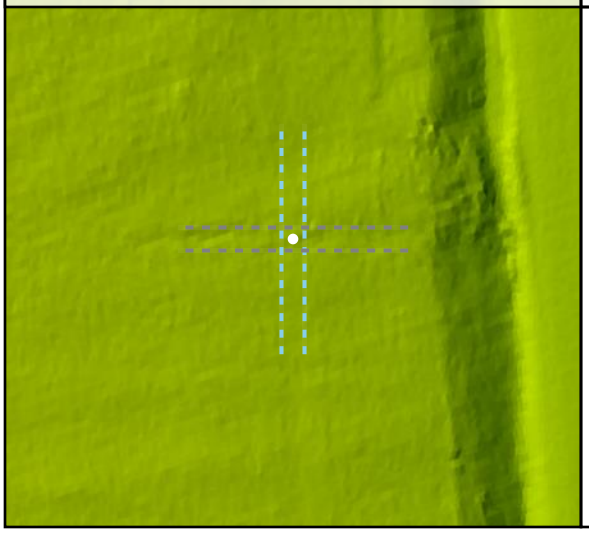
South to North



Intensity Raster

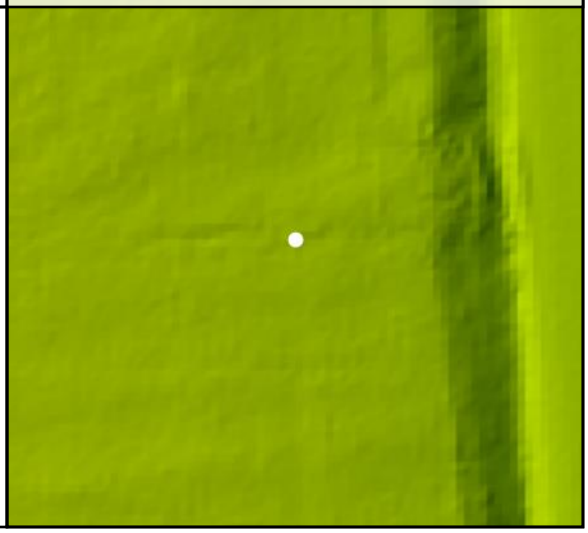


TIN Surface



Project Elevation

DEM Surface

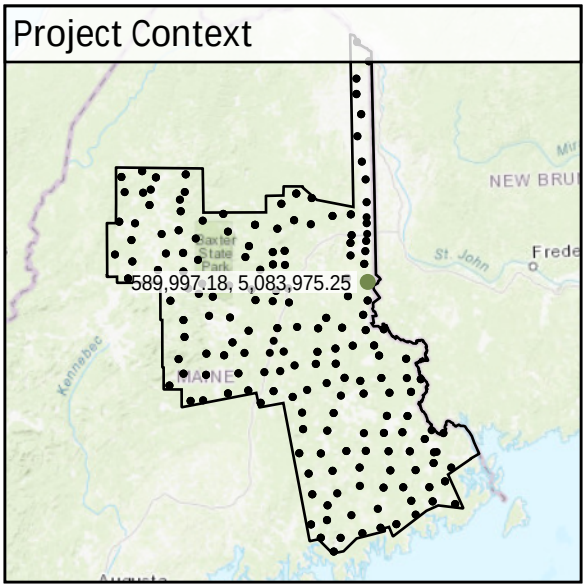


DEM Dz +0.16 m

VVA - TW10

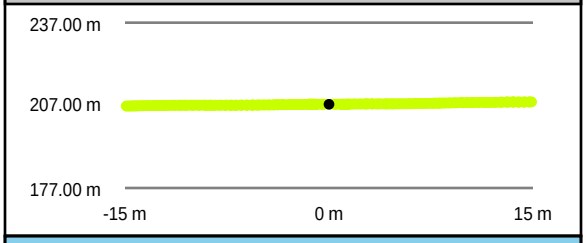
TW11				
	Known Z	207.38 m	Point Density	3.54 ppsm
	DEM Dz	0.01 m	Ground Density	3.54 ppsm
	All Points TIN Dz	N/A	Slope	2.65 °

Project Context

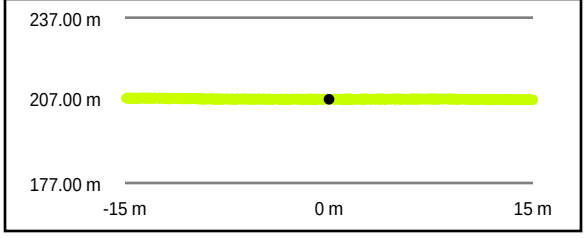


World Imagery

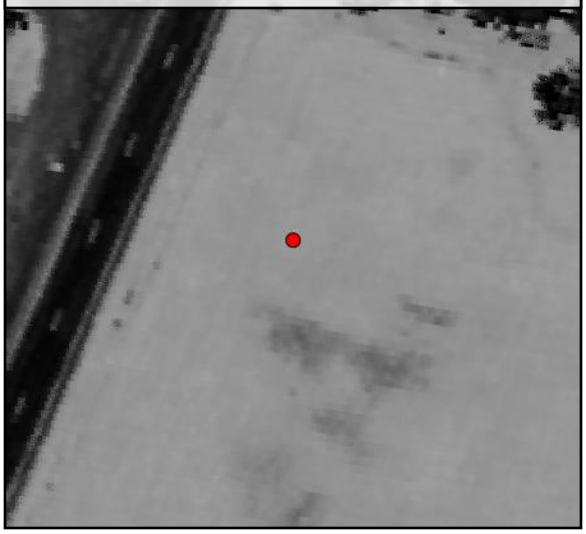
Southeast to Northwest



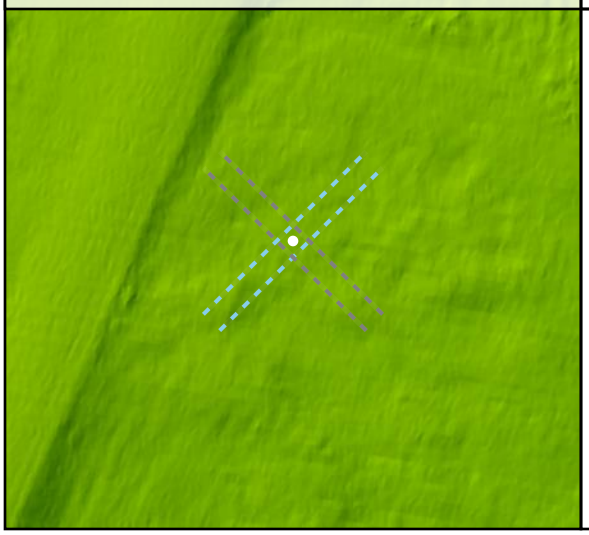
Southwest to Northeast



Intensity Raster

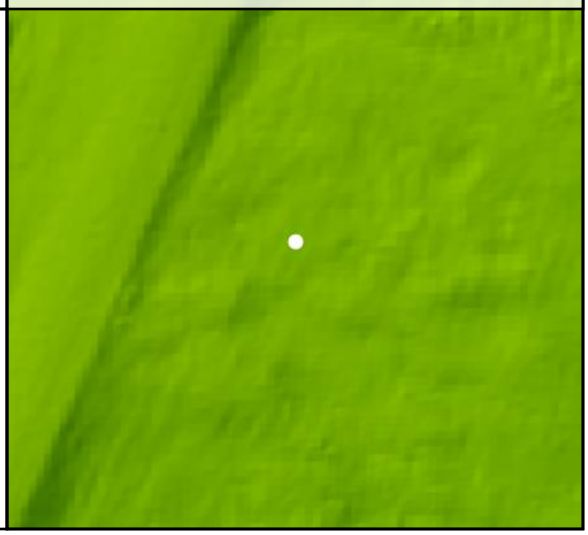


TIN Surface



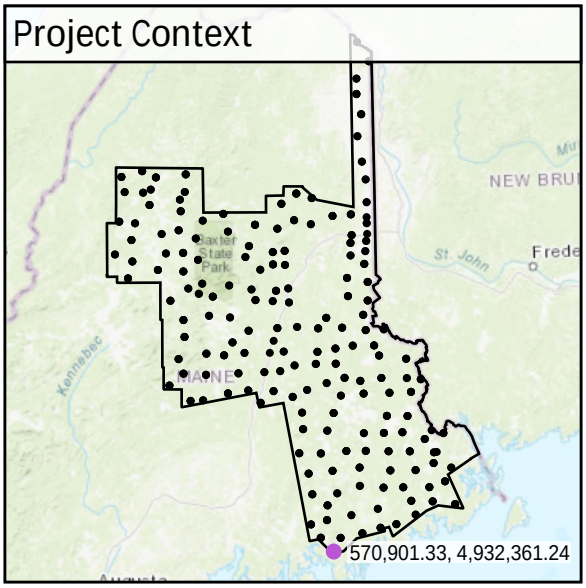
Project Elevation

DEM Surface



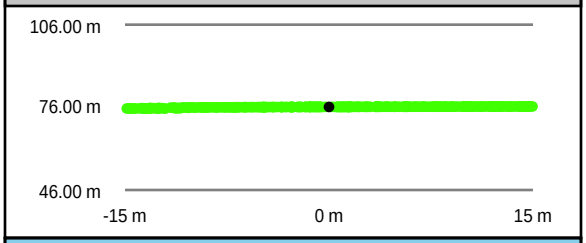
CA01				
	Known Z	76.14 m	Point Density	2.90 ppsm
	DEM Dz	0.02 m	Ground Density	2.90 ppsm
	All Points TIN Dz	0.02 m	Slope	0.83 °

Project Context

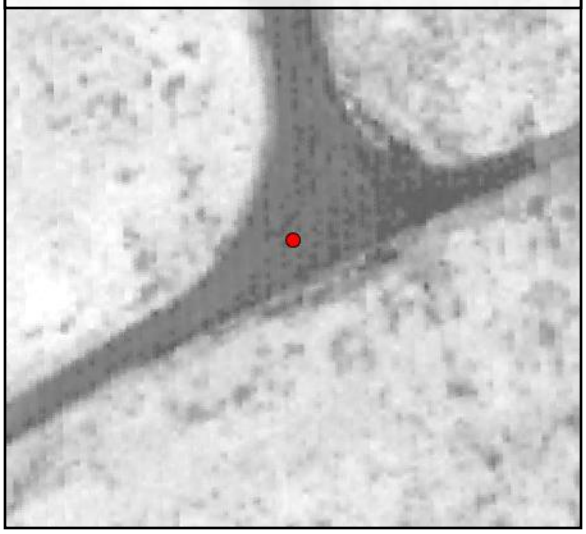


World Imagery

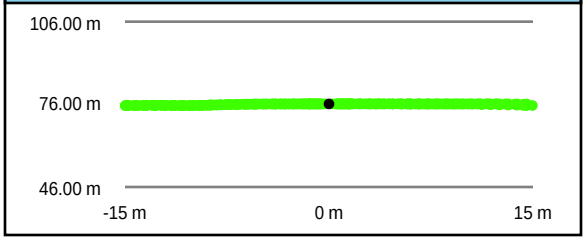
Southwest to Northeast



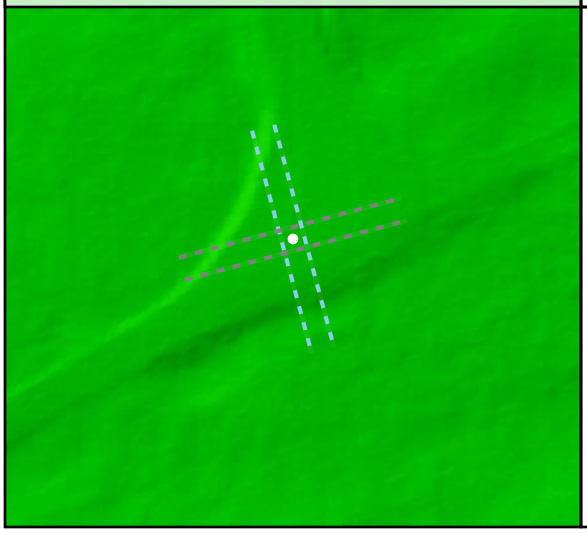
Intensity Raster



Southeast to Northwest

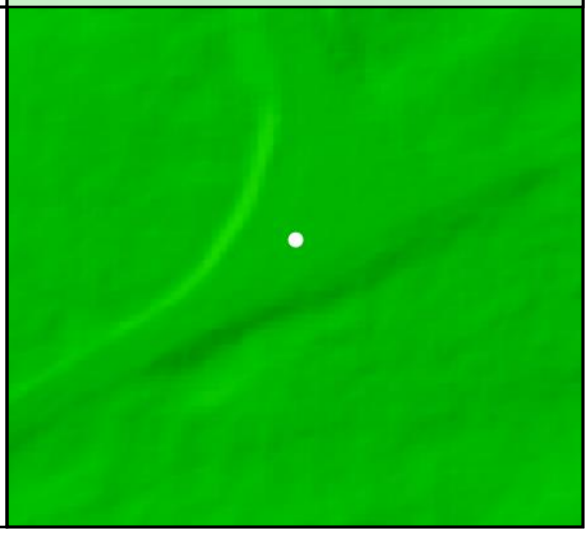


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

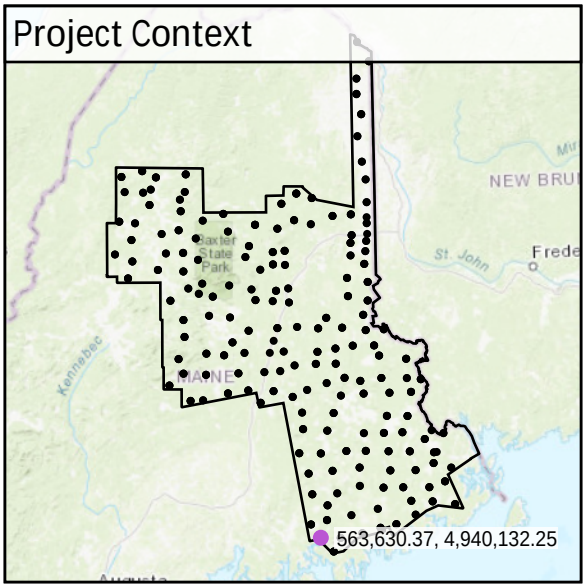
CAL - CA01

All Points TIN Dz +0.02 m

CA02

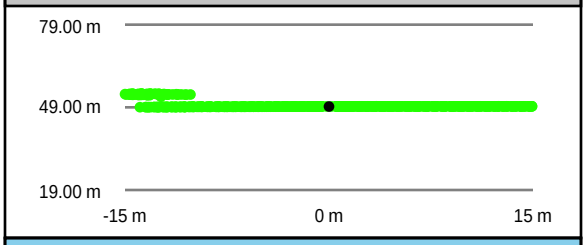
Known Z	49.29 m	Point Density	4.95 ppsm
DEM Dz	0.04 m	Ground Density	4.95 ppsm
All Points TIN Dz	0.04 m	Slope	0.94 °

Project Context

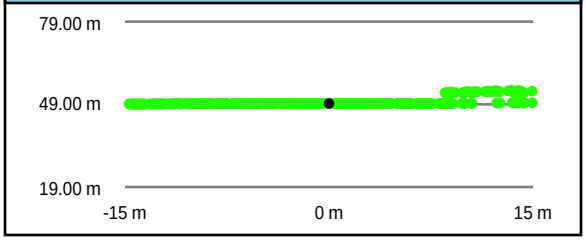


World Imagery

South to North

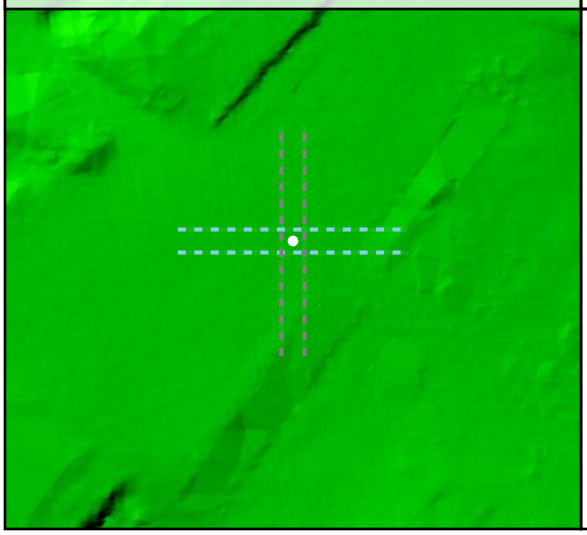


West to East



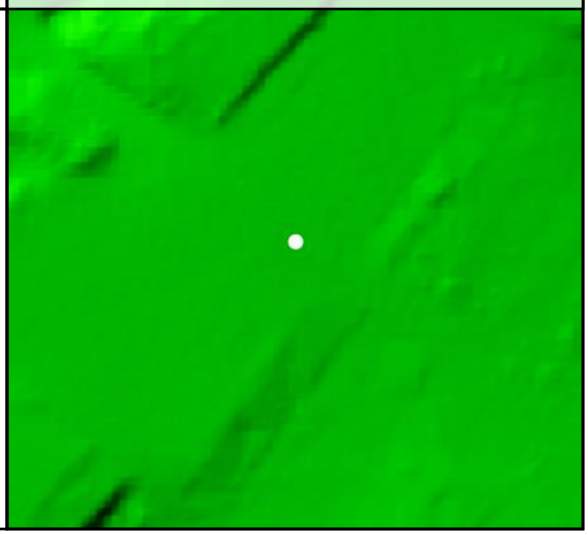
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

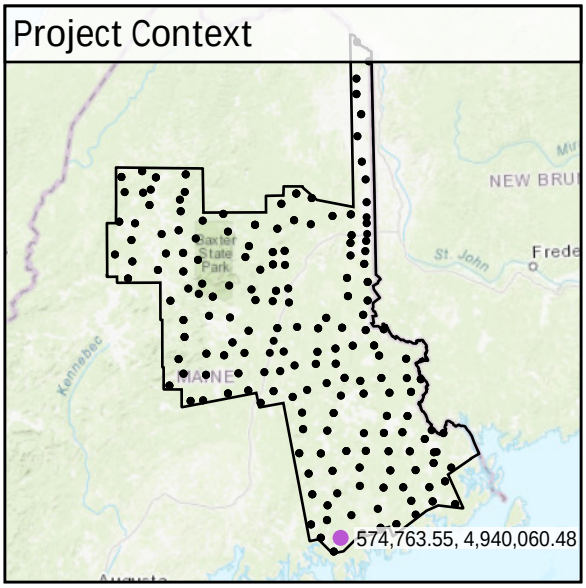
CAL - CA02

All Points TIN Dz +0.04 m

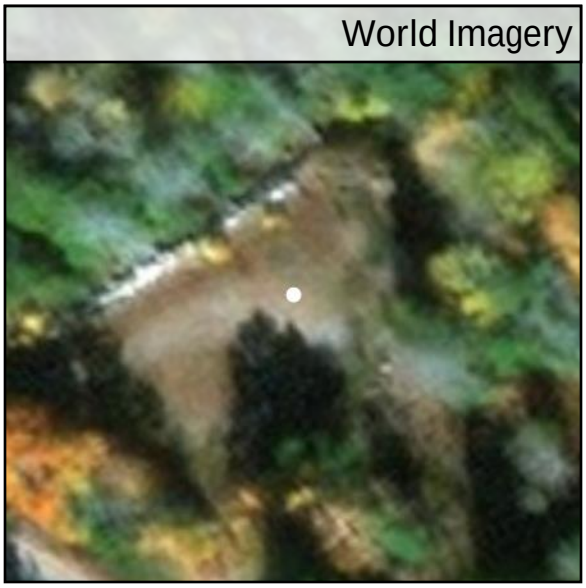
CA03

Known Z	62.96 m	Point Density	2.72 ppsm
DEM Dz	-0.03 m	Ground Density	2.72 ppsm
All Points TIN Dz	-0.03 m	Slope	2.83 °

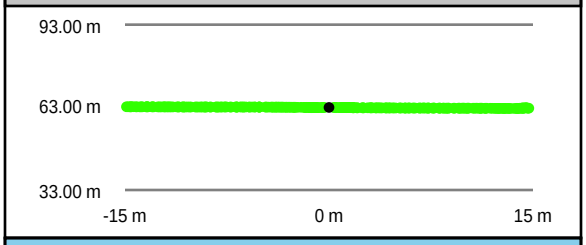
Project Context



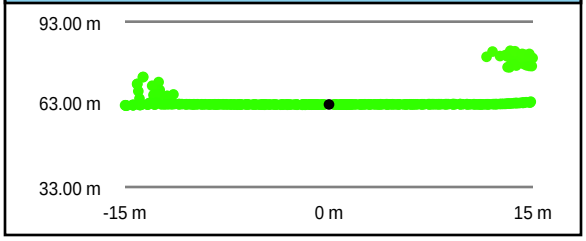
World Imagery



Southwest to Northeast

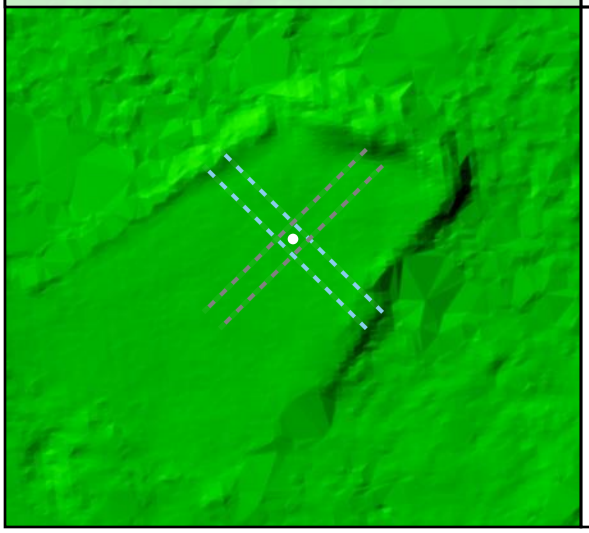


Southeast to Northwest

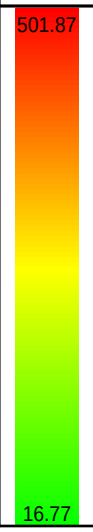


Intensity Raster

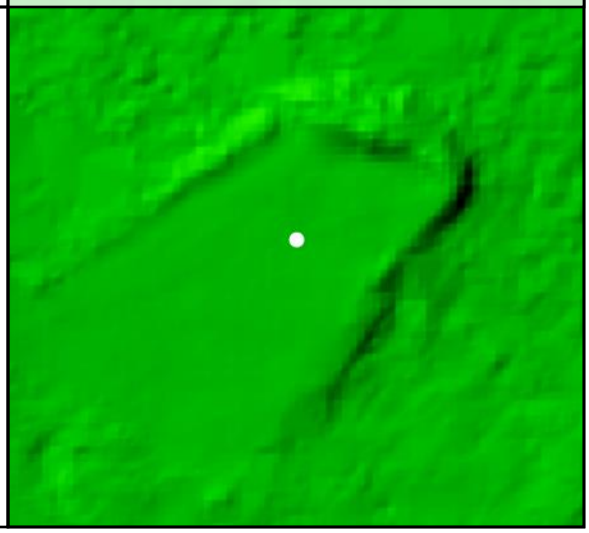
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

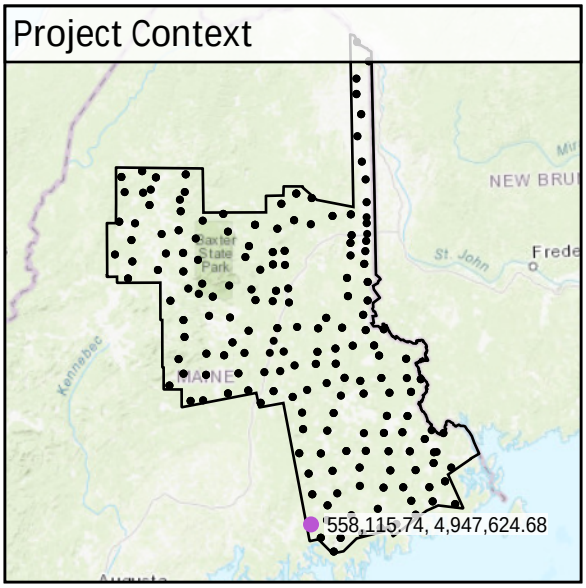
CAL - CA03

All Points TIN Dz -0.03 m

CA04

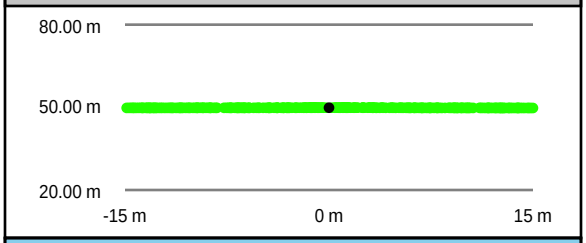
Known Z	49.86 m	Point Density	2.72 ppsm
DEM Dz	0.01 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.01 m	Slope	0.45 °

Project Context

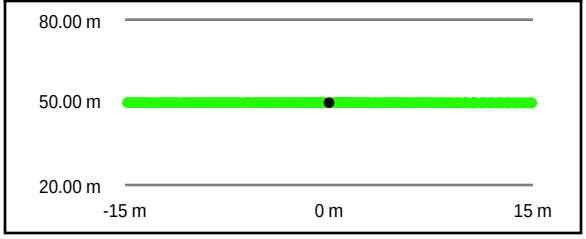


World Imagery

Southeast to Northwest

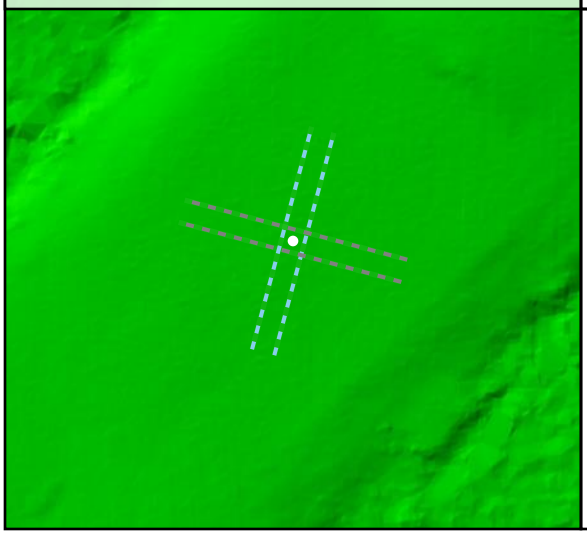


Southwest to Northeast



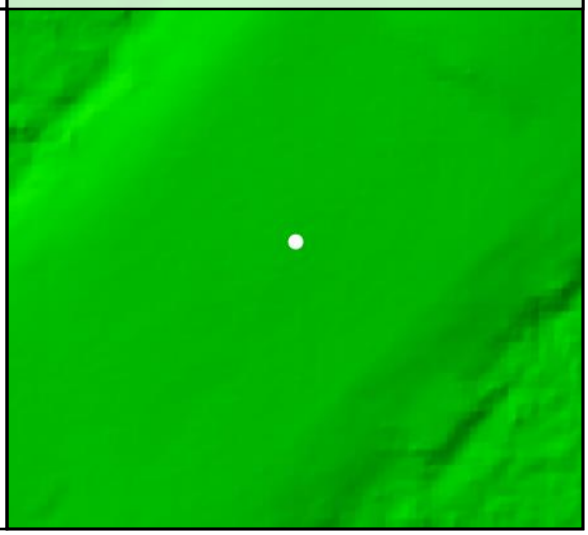
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

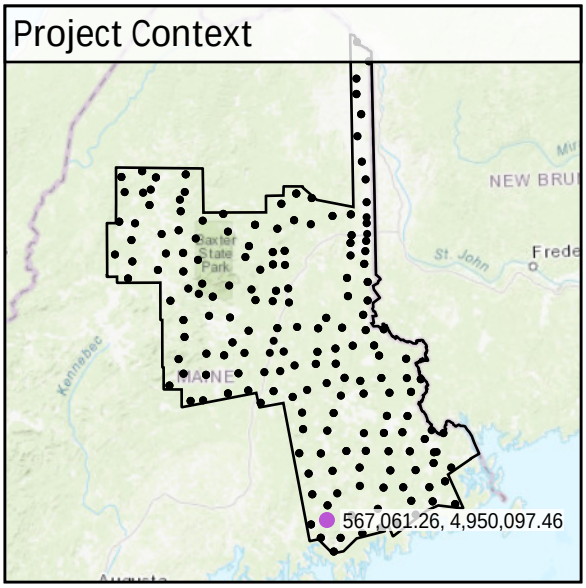
CAL - CA04

All Points TIN Dz +0.01 m

CA05

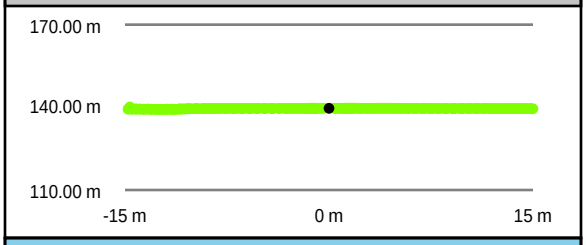
Known Z	139.65 m	Point Density	3.15 ppsm
DEM Dz	0.01 m	Ground Density	3.11 ppsm
All Points TIN Dz	0.01 m	Slope	0.63 °

Project Context

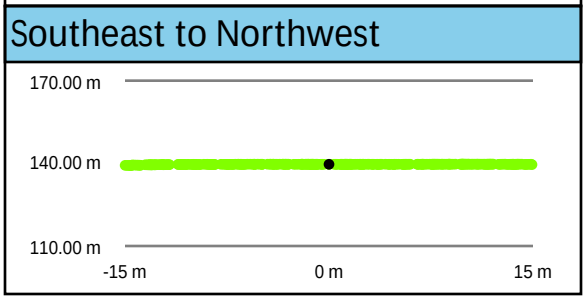


World Imagery

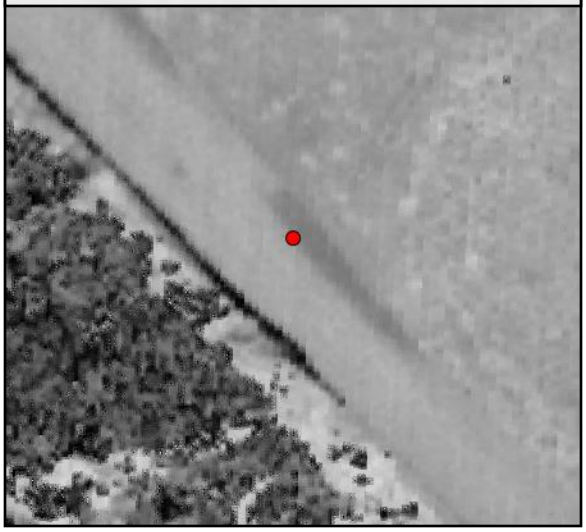
Southwest to Northeast



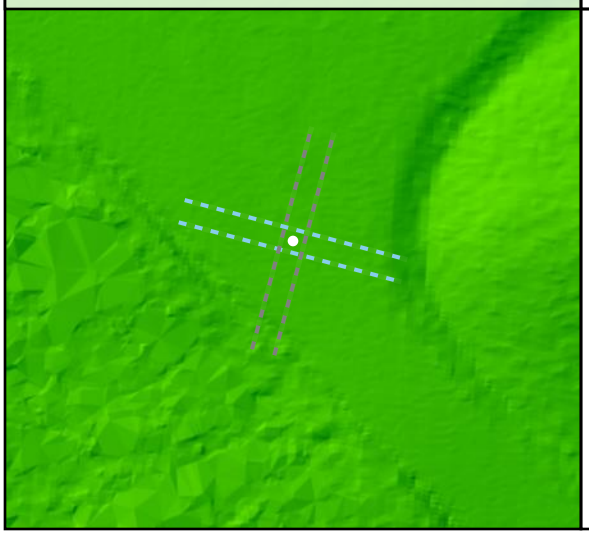
Southeast to Northwest



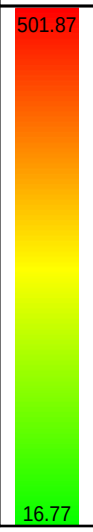
Intensity Raster



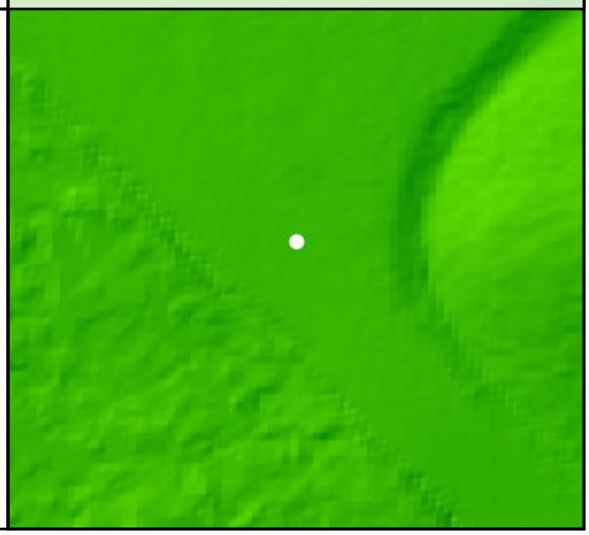
TIN Surface



Project Elevation



DEM Surface



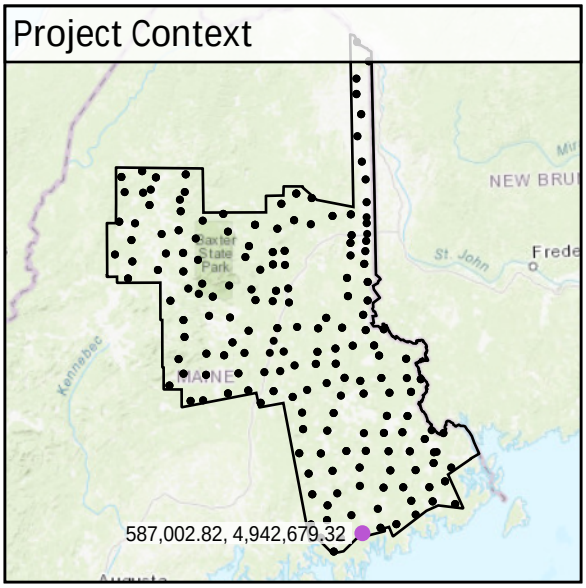
DEM Dz +0.01 m

CAL - CA05

All Points TIN Dz +0.01 m

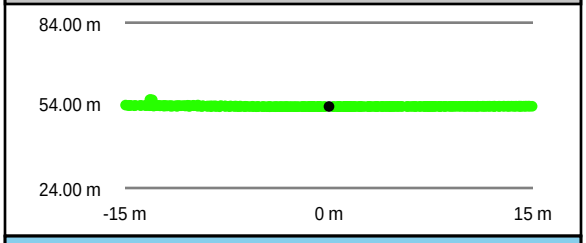
CA06				
	Known Z	53.58 m	Point Density	2.58 ppsm
	DEM Dz	-0.04 m	Ground Density	2.58 ppsm
	All Points TIN Dz	-0.04 m	Slope	0.48 °

Project Context



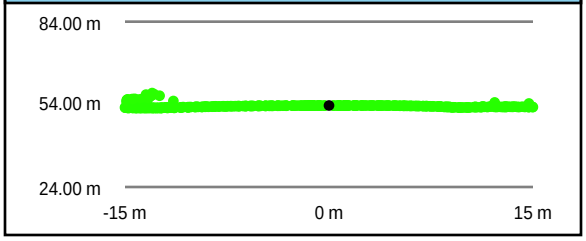
World Imagery

Southeast to Northwest

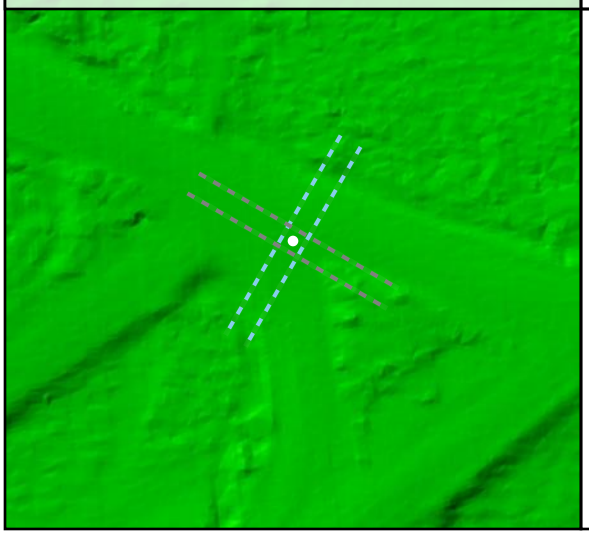


Intensity Raster

Southwest to Northeast

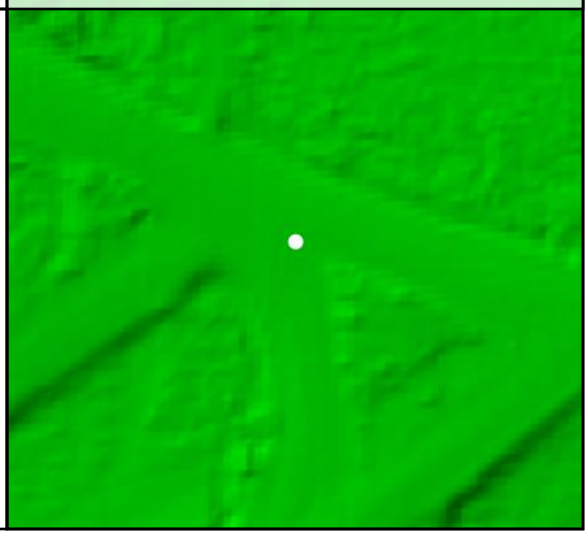


TIN Surface



Project Elevation

DEM Surface



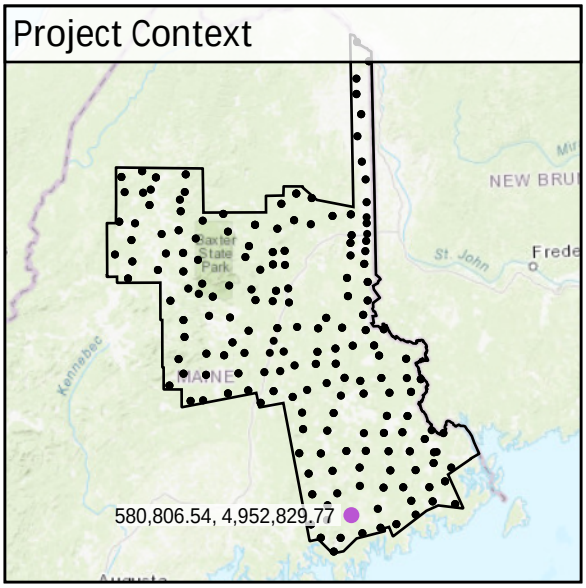
All Points TIN Dz -0.04 m

CAL - CA06

DEM Dz -0.04 m

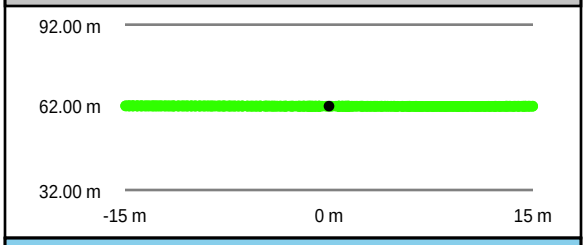
CA07				
	Known Z	62.43 m	Point Density	3.93 ppsm
	DEM Dz	-0.02 m	Ground Density	3.93 ppsm
	All Points TIN Dz	-0.03 m	Slope	0.53 °

Project Context



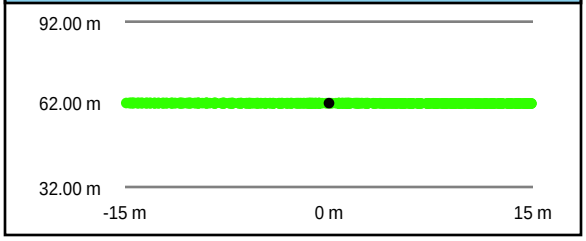
World Imagery

Southeast to Northwest

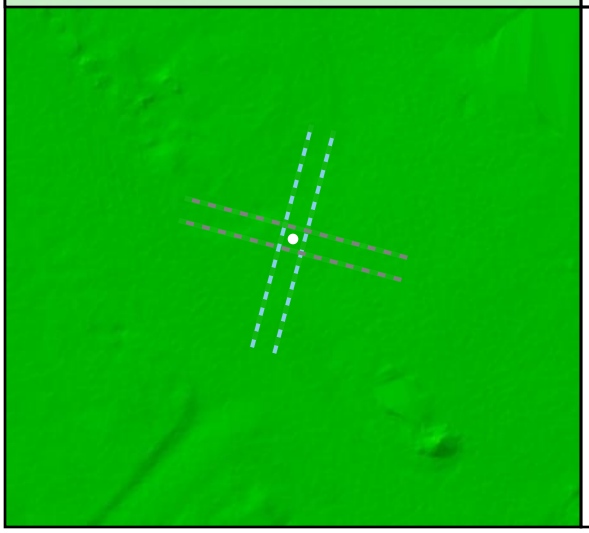


Intensity Raster

Southwest to Northeast

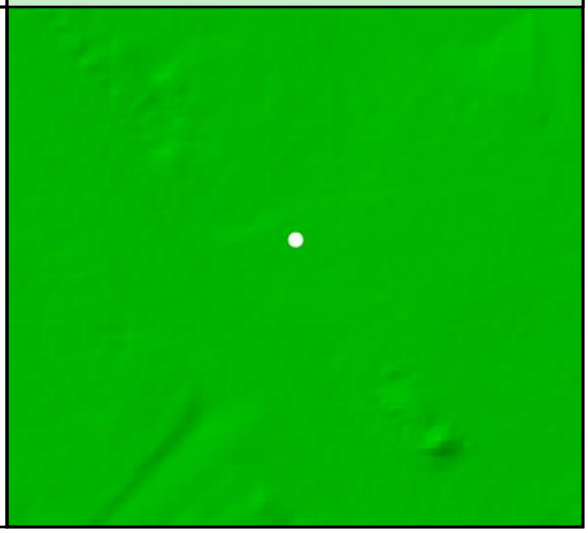


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz -0.03 m

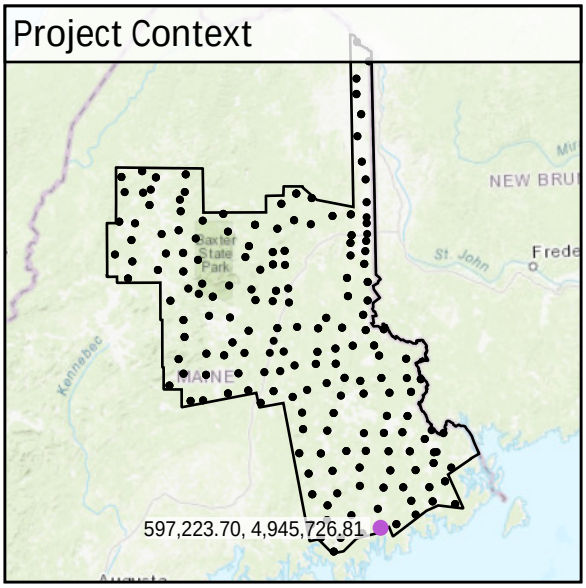
CAL - CA07

DEM Dz -0.02 m

CA08

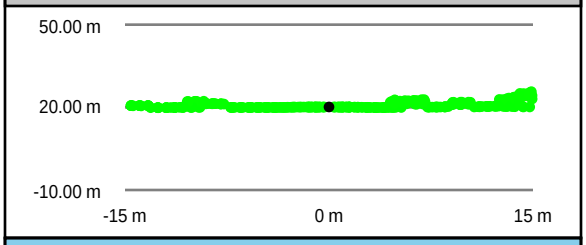
Known Z	20.13 m	Point Density	2.83 ppsm
DEM Dz	-0.03 m	Ground Density	2.83 ppsm
All Points TIN Dz	-0.03 m	Slope	0.83 °

Project Context



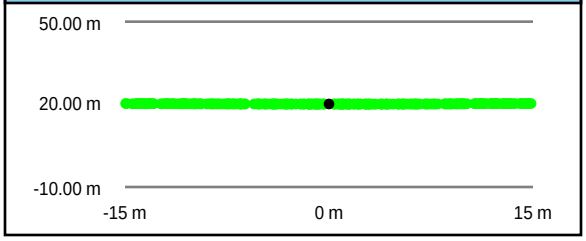
World Imagery

Southeast to Northwest

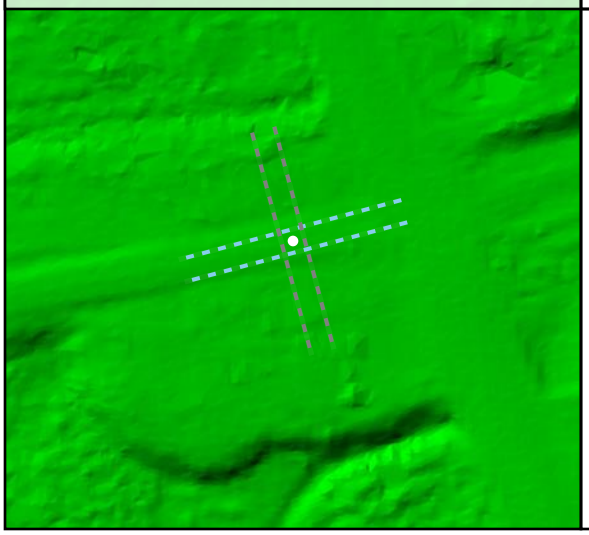


Intensity Raster

Southwest to Northeast



TIN Surface

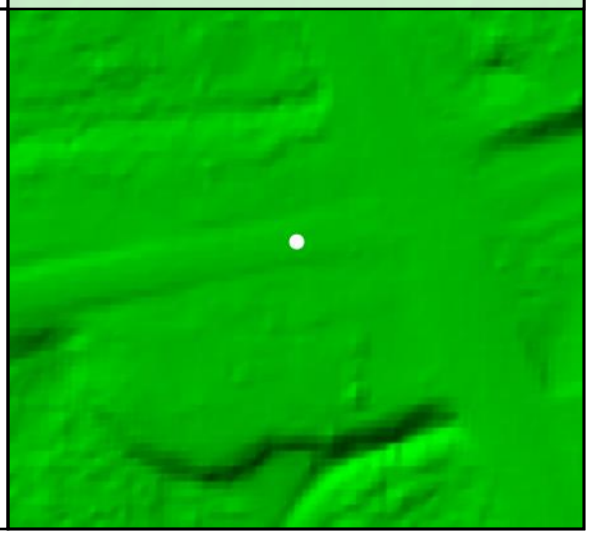


Project Elevation

501.87

16.77

DEM Surface



DEM Dz -0.03 m

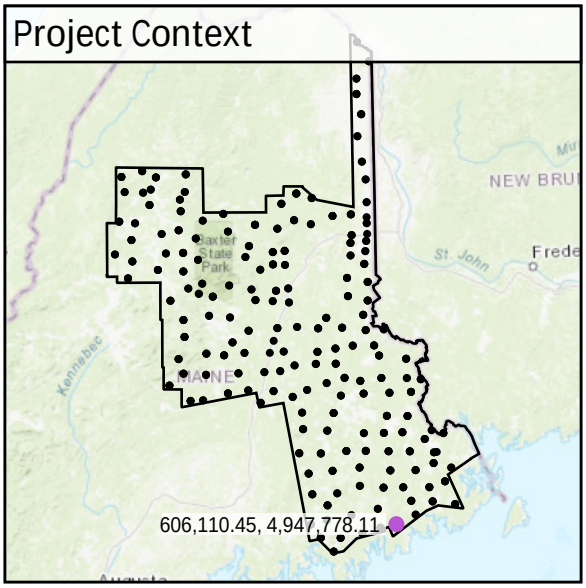
CAL - CA08

All Points TIN Dz -0.03 m

CA09

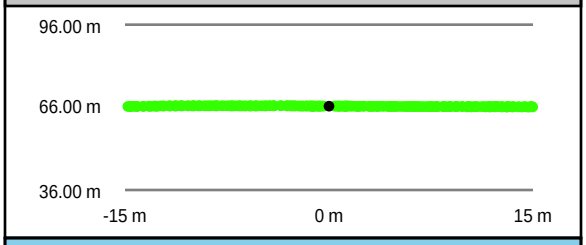
Known Z	66.42 m	Point Density	2.55 ppsm
DEM Dz	0.03 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.03 m	Slope	1.55 °

Project Context

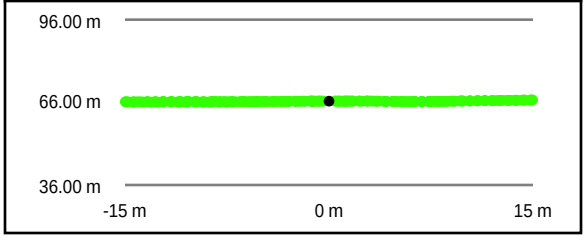


World Imagery

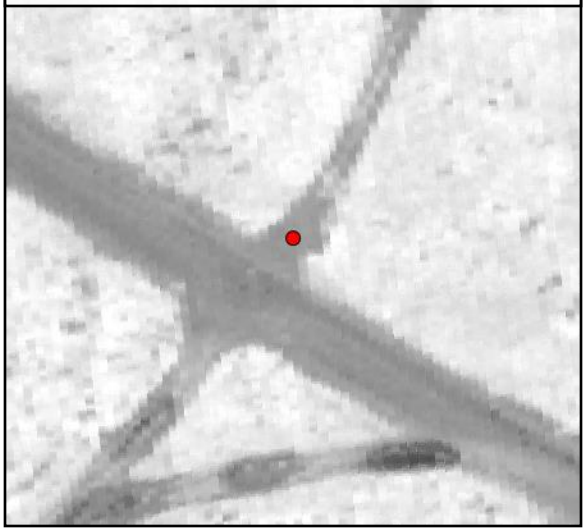
Southwest to Northeast



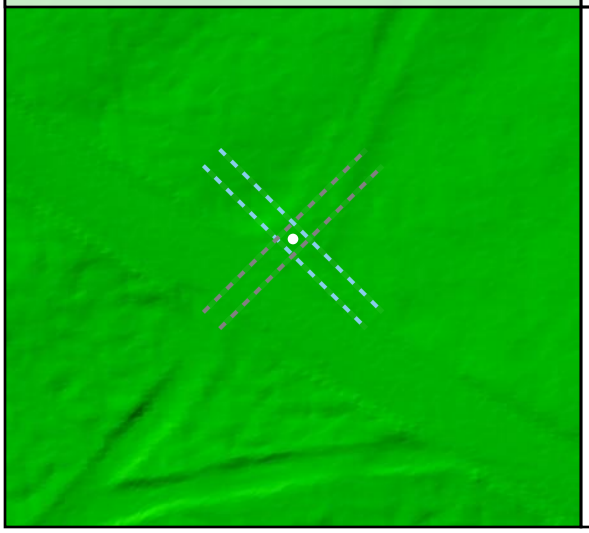
Southeast to Northwest



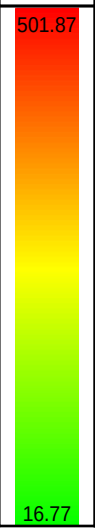
Intensity Raster



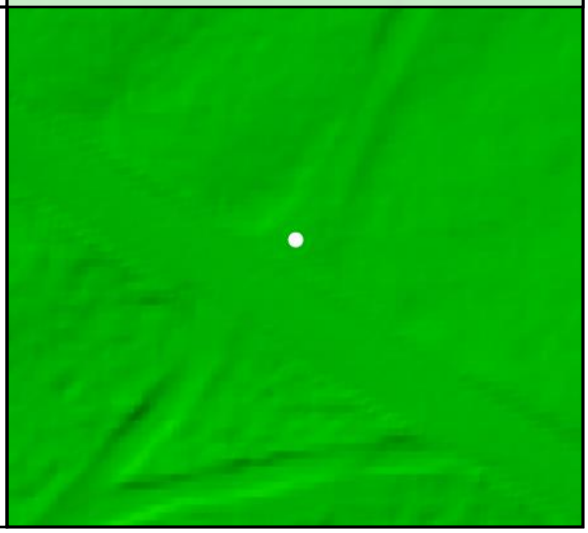
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

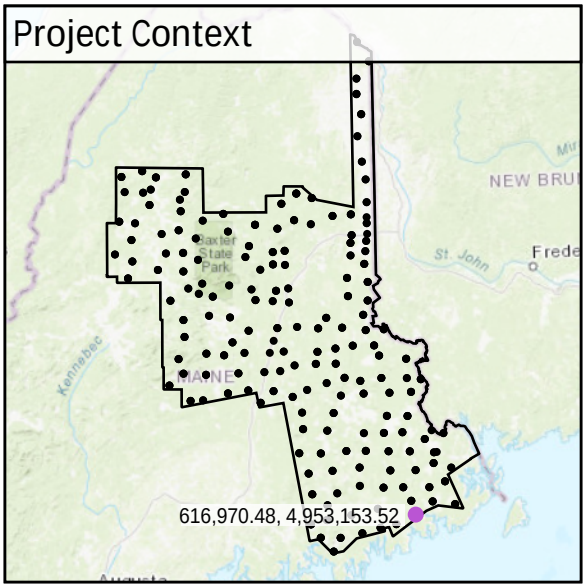
CAL - CA09

All Points TIN Dz +0.03 m

CA10

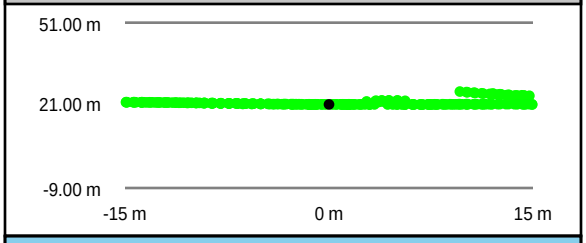
Known Z	21.33 m	Point Density	2.37 ppsm
DEM Dz	0.02 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.02 m	Slope	1.04 °

Project Context

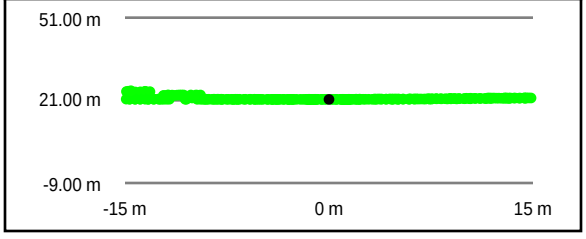


World Imagery

Southwest to Northeast

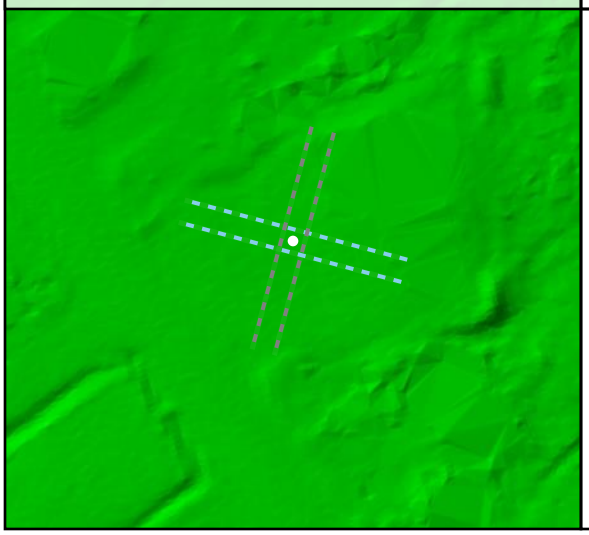


Southeast to Northwest

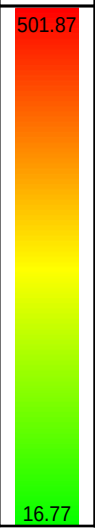


Intensity Raster

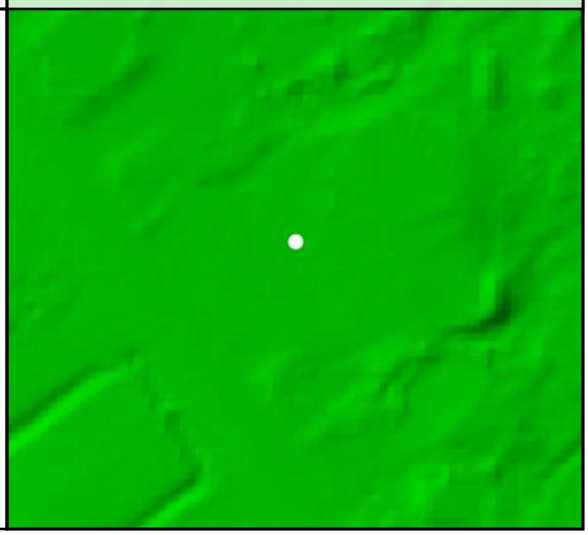
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.02 m

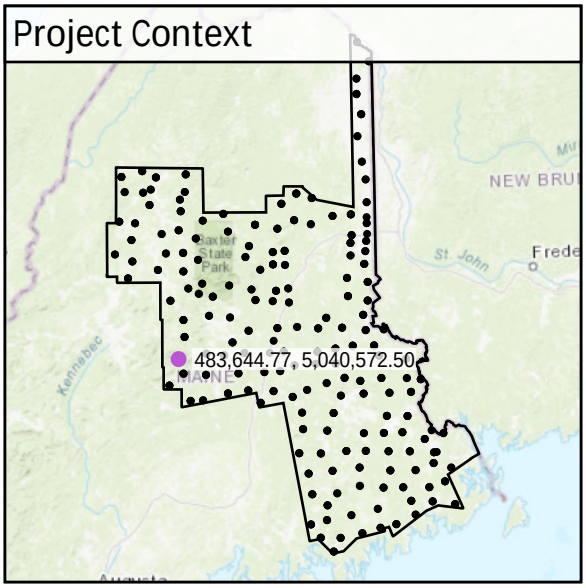
CAL - CA10

All Points TIN Dz +0.02 m

CA100

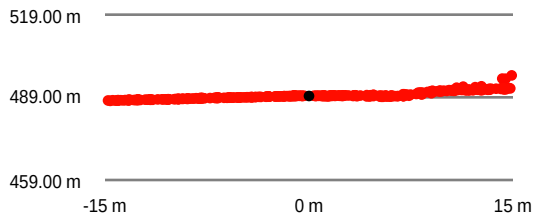
Known Z	489.49 m	Point Density	3.11 ppsm
DEM Dz	0.06 m	Ground Density	3.11 ppsm
All Points TIN Dz	0.06 m	Slope	4.89 °

Project Context

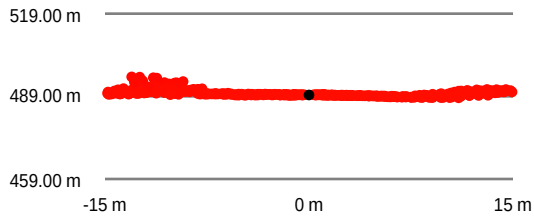


World Imagery

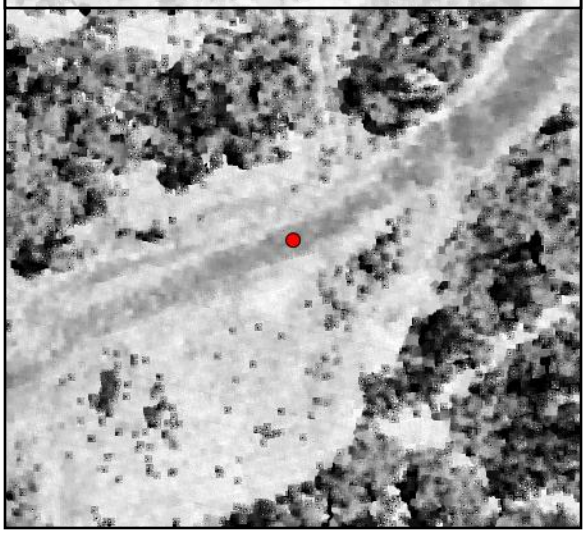
Southwest to Northeast



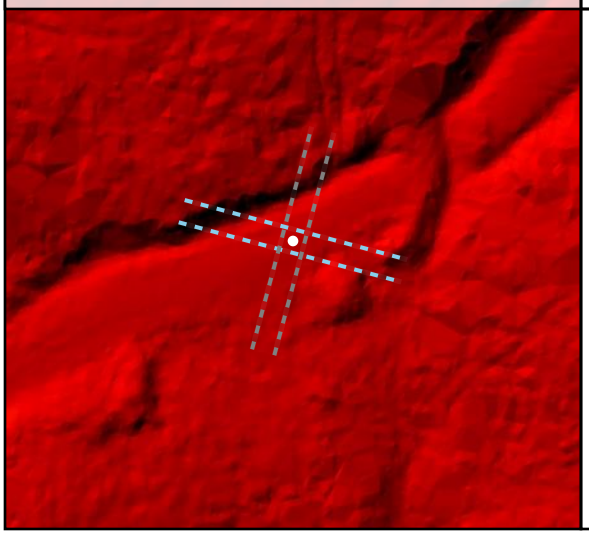
Southeast to Northwest



Intensity Raster



TIN Surface

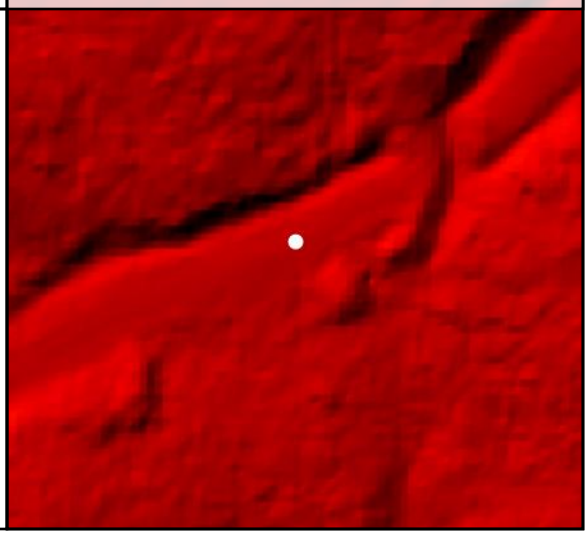


Project Elevation

501.87

16.77

DEM Surface



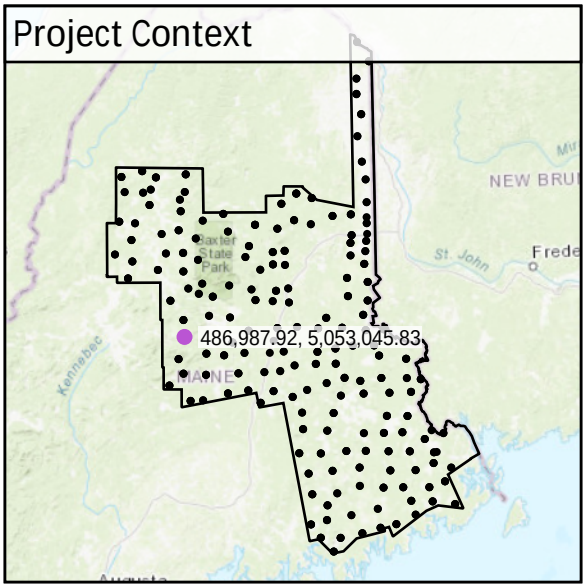
DEM Dz +0.06 m

CAL - CA100

All Points TIN Dz +0.06 m

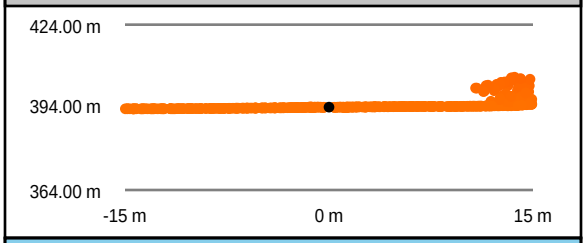
CA101				
	Known Z	394.07 m	Point Density	3.29 ppsm
	DEM Dz	-0.05 m	Ground Density	3.29 ppsm
	All Points TIN Dz	-0.05 m	Slope	3.26 °

Project Context

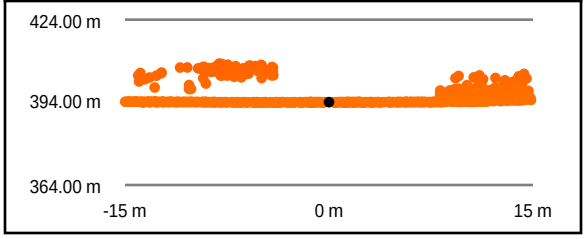


World Imagery

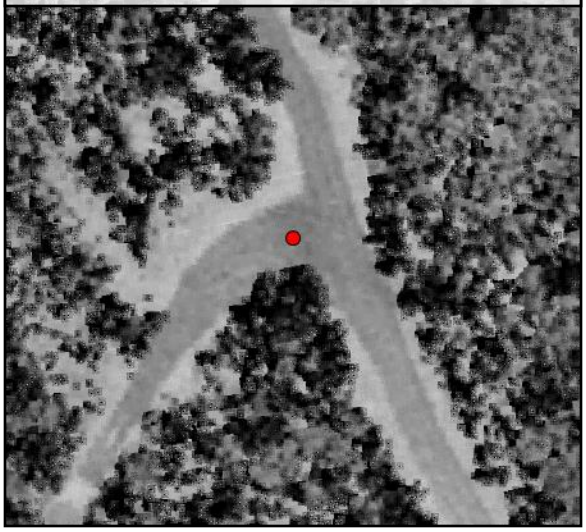
Southwest to Northeast



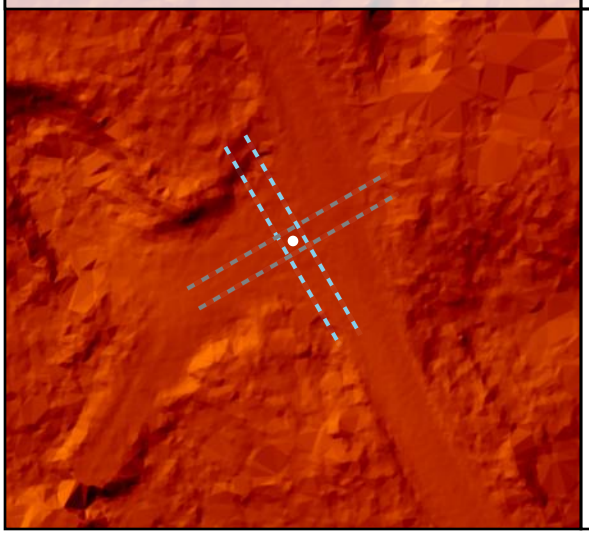
Southeast to Northwest



Intensity Raster

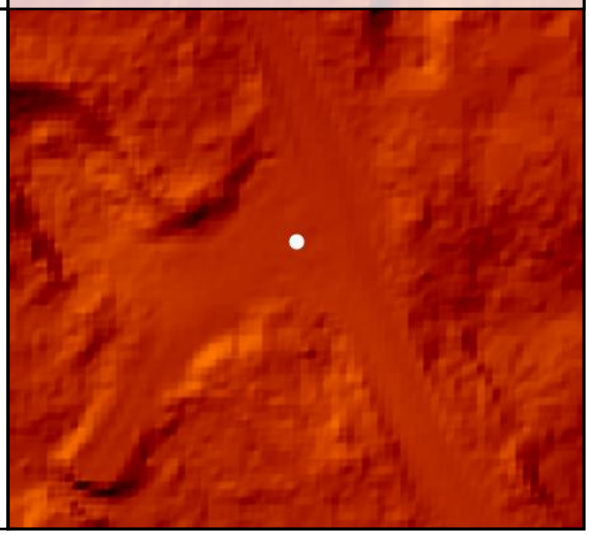


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

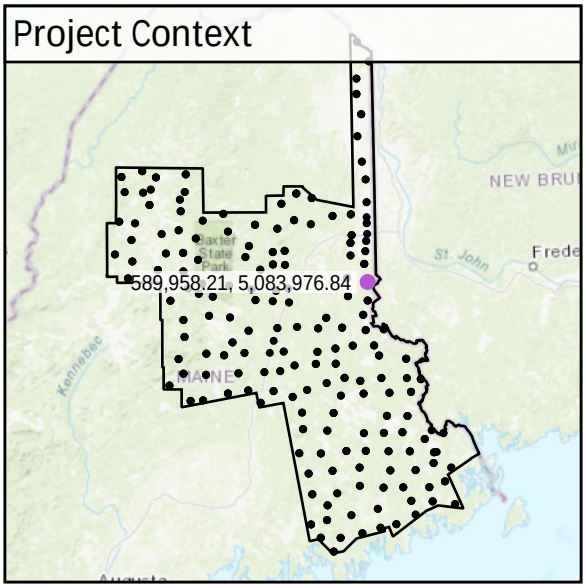
CAL - CA101

All Points TIN Dz -0.05 m

CA102

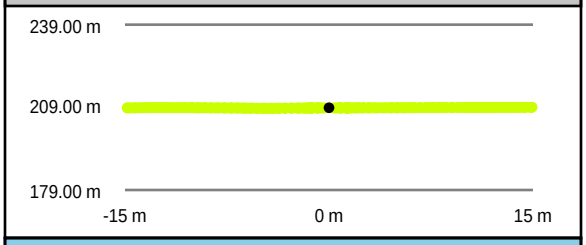
Known Z	208.85 m	Point Density	3.86 ppsm
DEM Dz	-0.06 m	Ground Density	3.86 ppsm
All Points TIN Dz	-0.06 m	Slope	1.38 °

Project Context

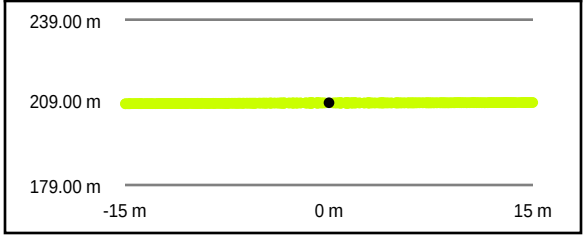


World Imagery

Southeast to Northwest

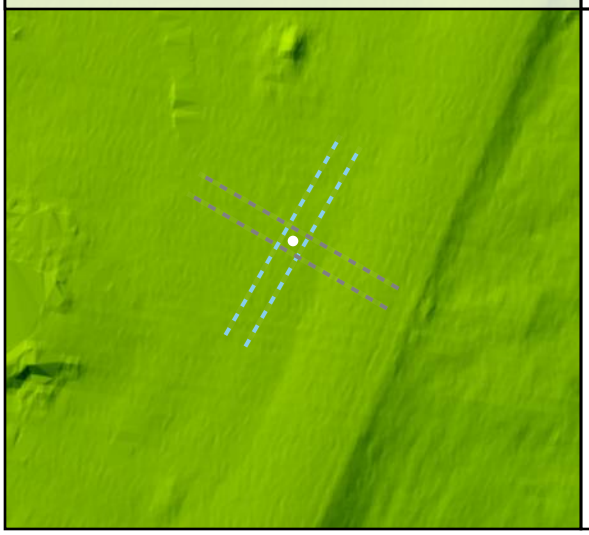


Southwest to Northeast



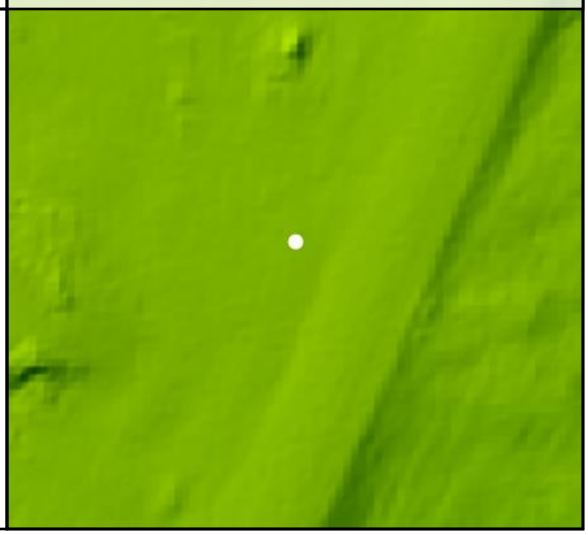
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

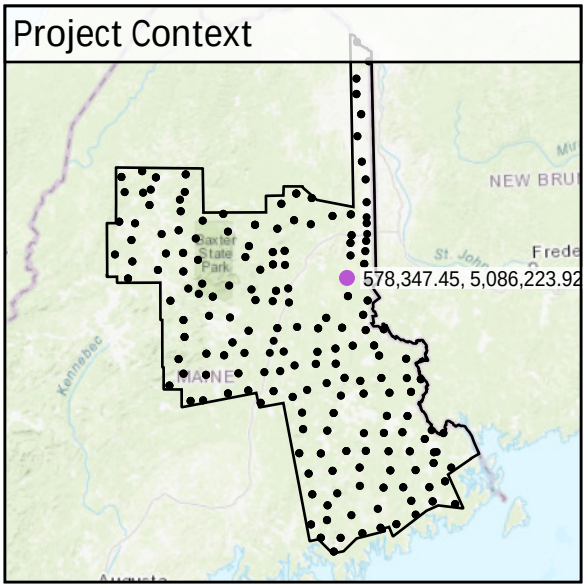
CAL - CA102

All Points TIN Dz -0.06 m

CA103

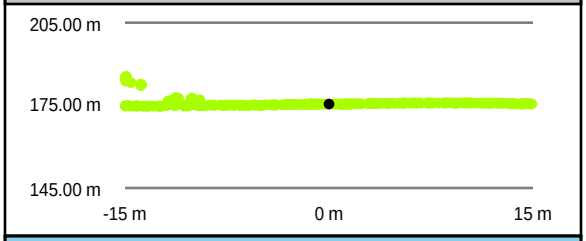
Known Z	175.46 m	Point Density	2.19 ppsm
DEM Dz	-0.02 m	Ground Density	2.19 ppsm
All Points TIN Dz	-0.01 m	Slope	3.92 °

Project Context

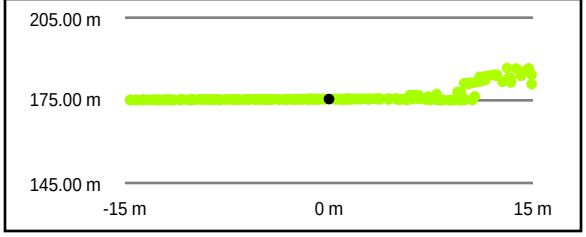


World Imagery

Southeast to Northwest

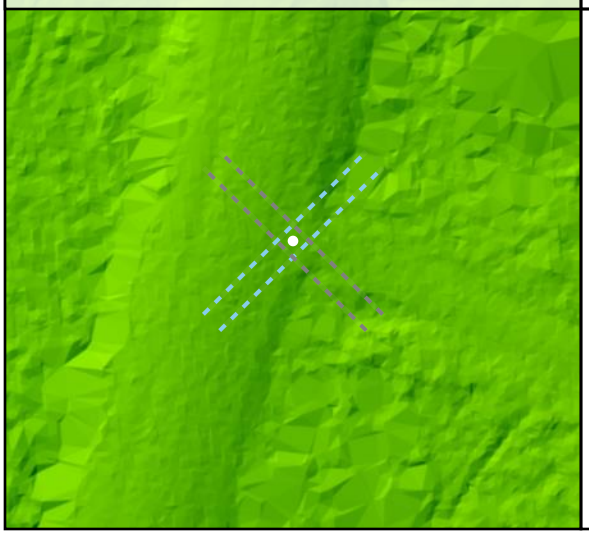


Southwest to Northeast



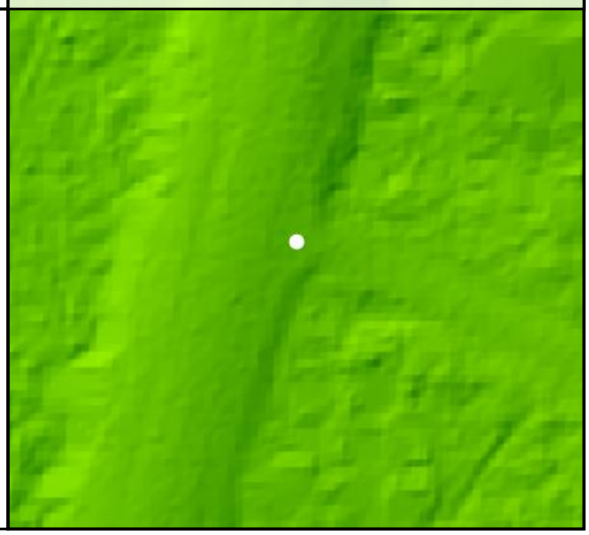
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

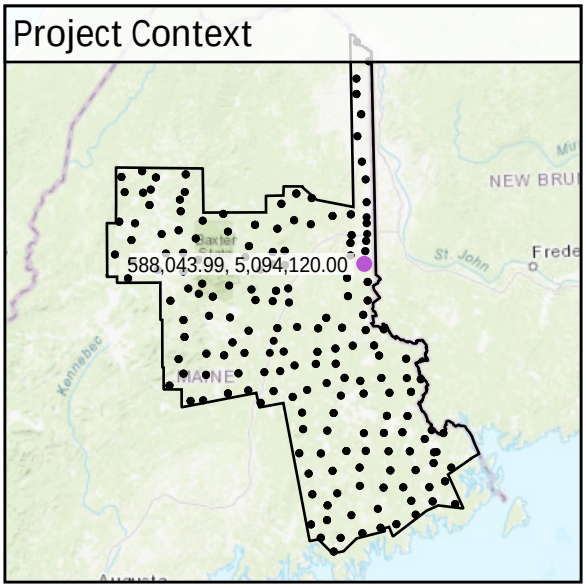
CAL - CA103

All Points TIN Dz -0.01 m

CA104

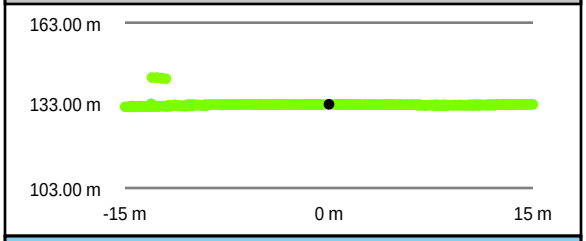
Known Z	133.38 m	Point Density	2.41 ppsm
DEM Dz	-0.09 m	Ground Density	2.41 ppsm
All Points TIN Dz	-0.08 m	Slope	0.41 °

Project Context

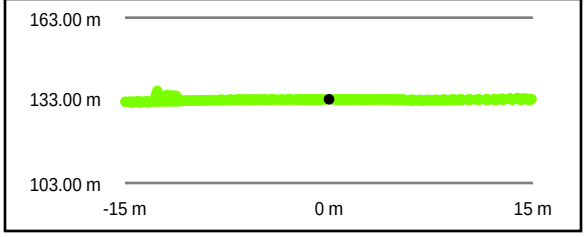


World Imagery

Southeast to Northwest

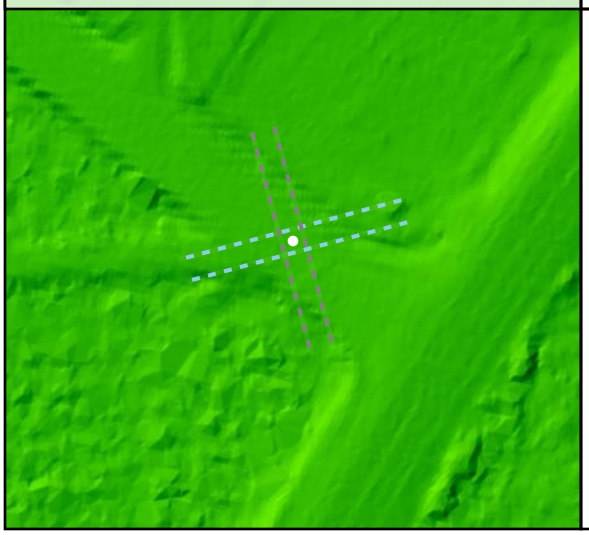


Southwest to Northeast

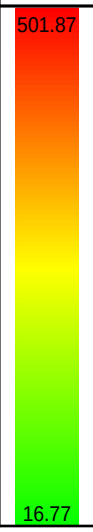


Intensity Raster

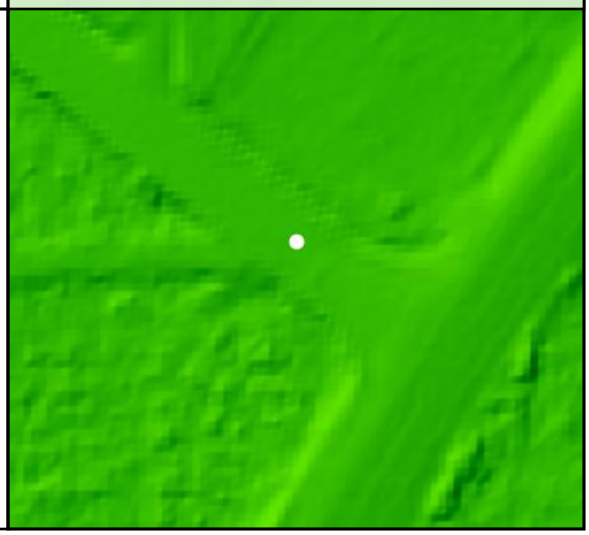
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.09 m

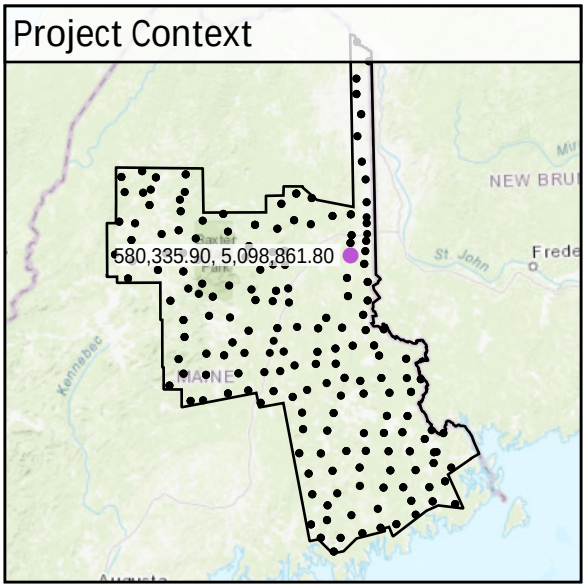
CAL - CA104

All Points TIN Dz -0.08 m

CA105

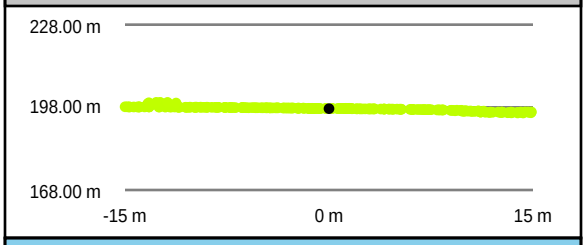
Known Z	197.52 m	Point Density	2.33 ppsm
DEM Dz	0.07 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.07 m	Slope	3.31 °

Project Context

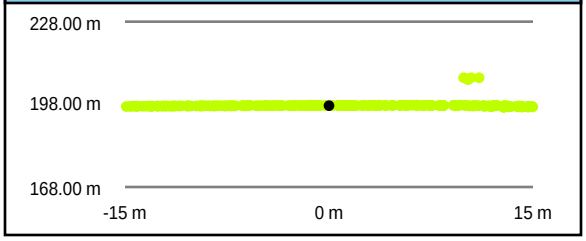


World Imagery

Southwest to Northeast

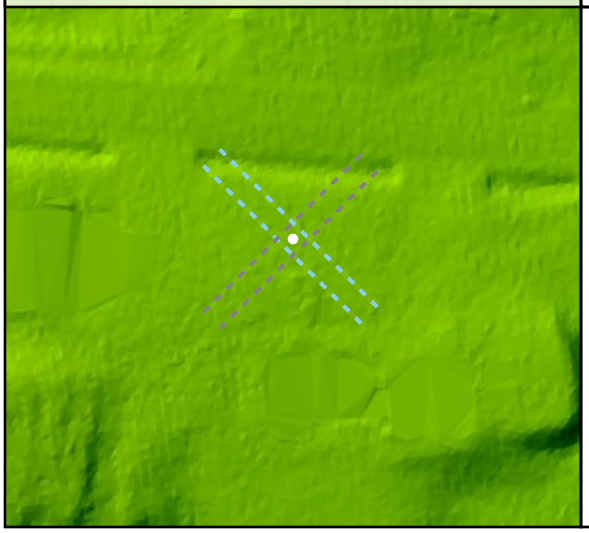


Southeast to Northwest



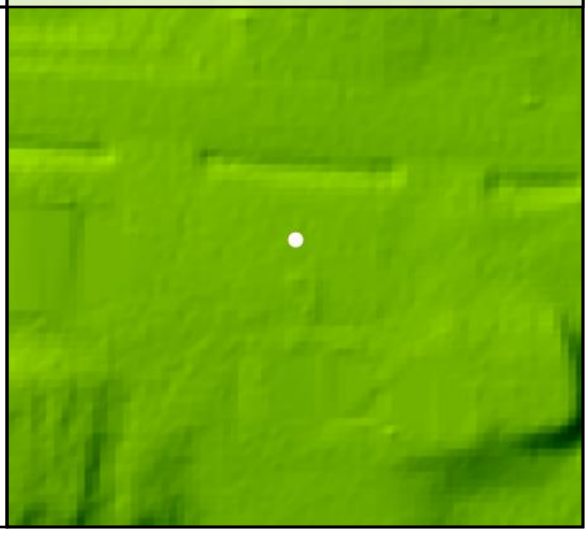
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



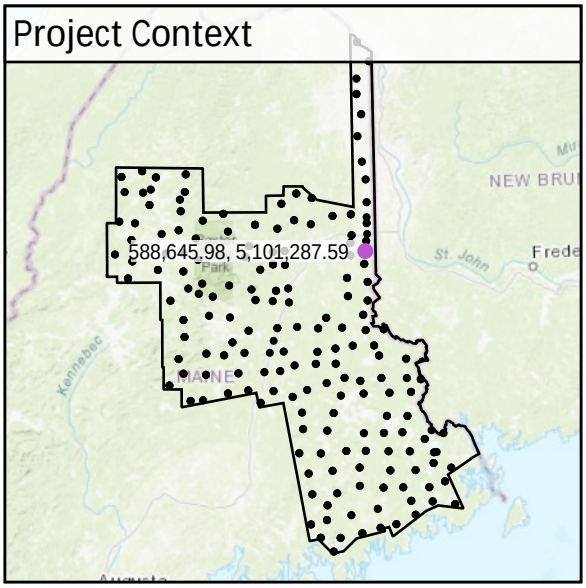
DEM Dz +0.07 m

CAL - CA105

All Points TIN Dz +0.07 m

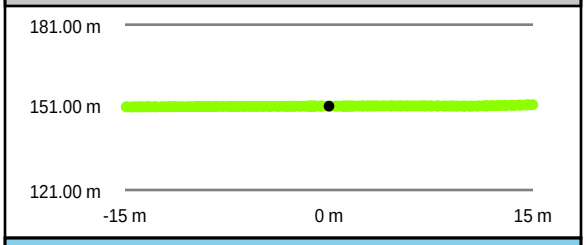
CA106				
	Known Z	151.43 m	Point Density	2.97 ppsm
	DEM Dz	0.02 m	Ground Density	2.97 ppsm
	All Points TIN Dz	0.02 m	Slope	0.74 °

Project Context

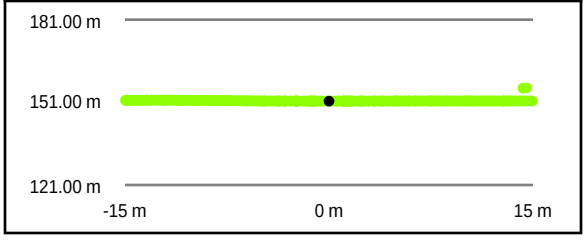


World Imagery

Southwest to Northeast

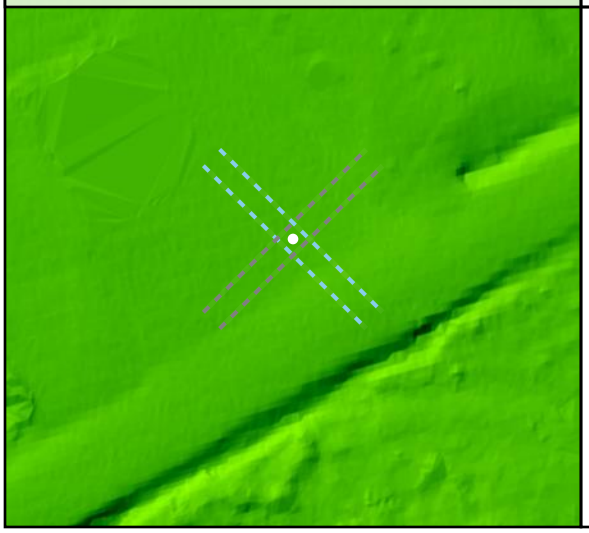


Southeast to Northwest



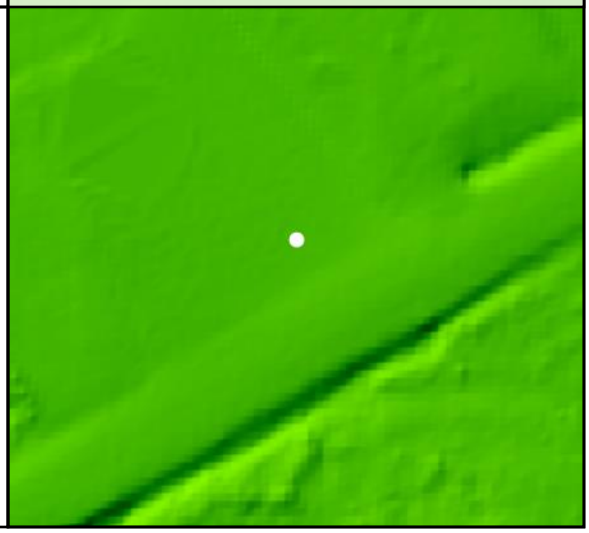
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

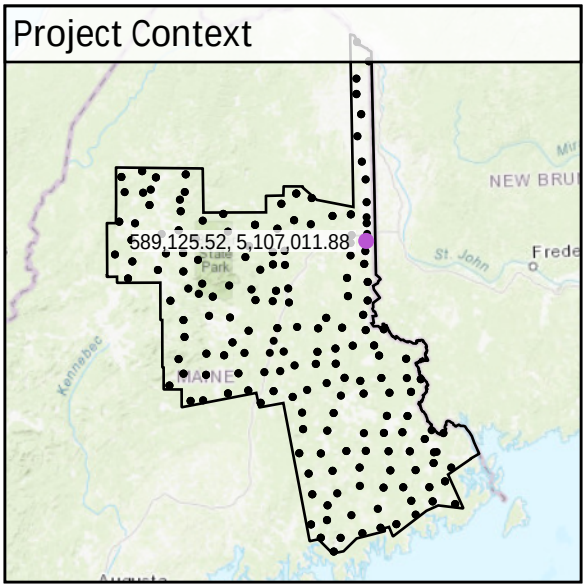
CAL - CA106

All Points TIN Dz +0.02 m

CA107

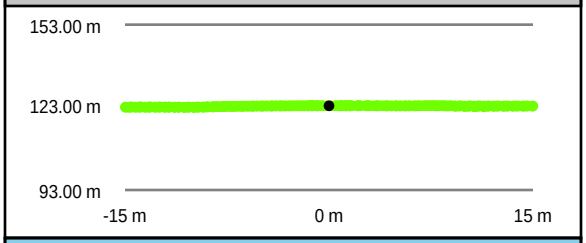
Known Z	123.55 m	Point Density	2.51 ppsm
DEM Dz	0.02 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.02 m	Slope	0.12 °

Project Context

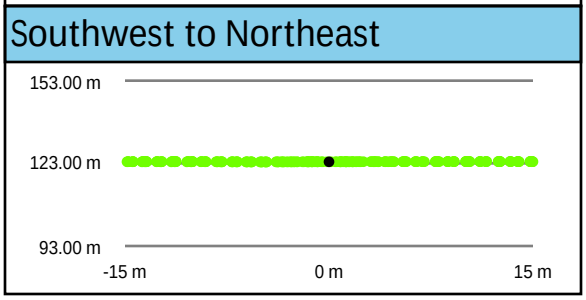


World Imagery

Southeast to Northwest

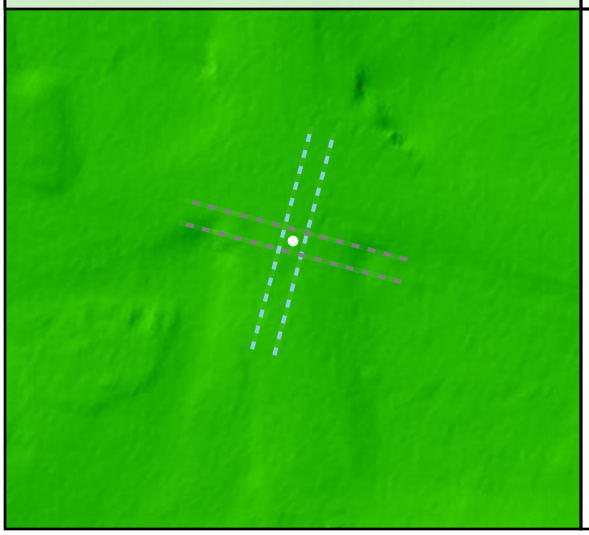


Southwest to Northeast

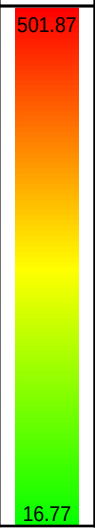


Intensity Raster

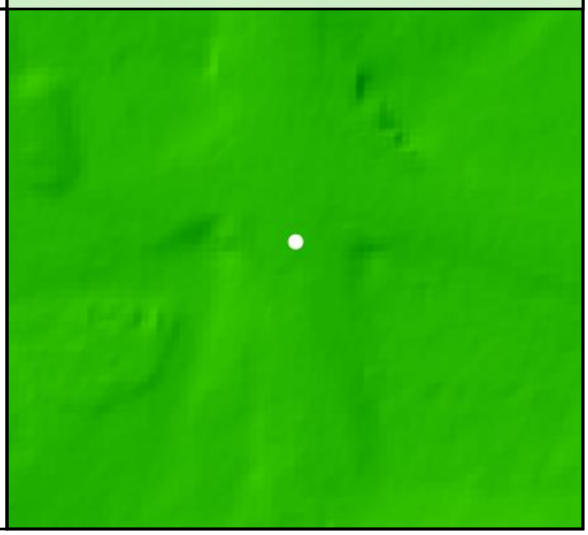
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.02 m

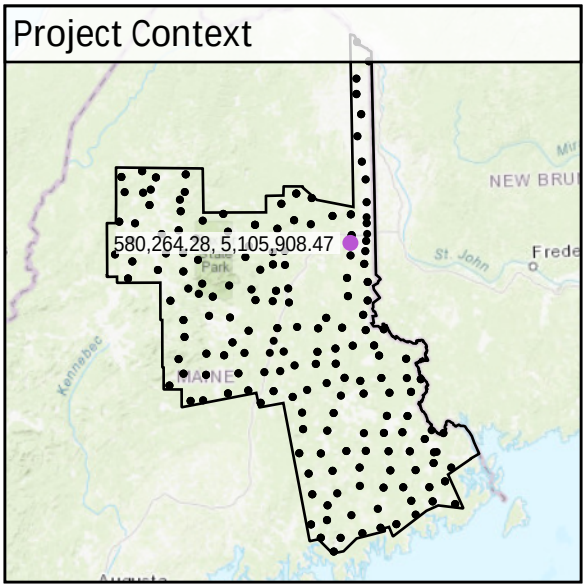
CAL - CA107

All Points TIN Dz +0.02 m

CA108

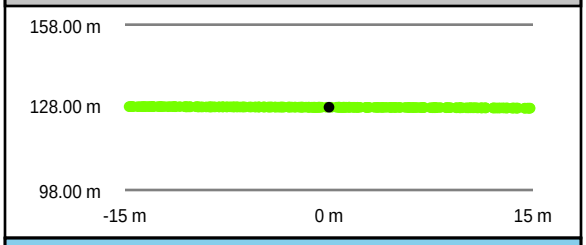
Known Z	128.04 m	Point Density	2.48 ppsm
DEM Dz	-0.01 m	Ground Density	2.48 ppsm
All Points TIN Dz	0.00 m	Slope	1.05 °

Project Context

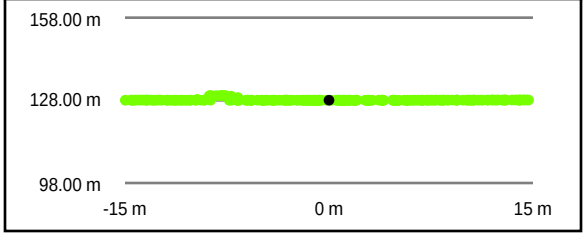


World Imagery

Southwest to Northeast

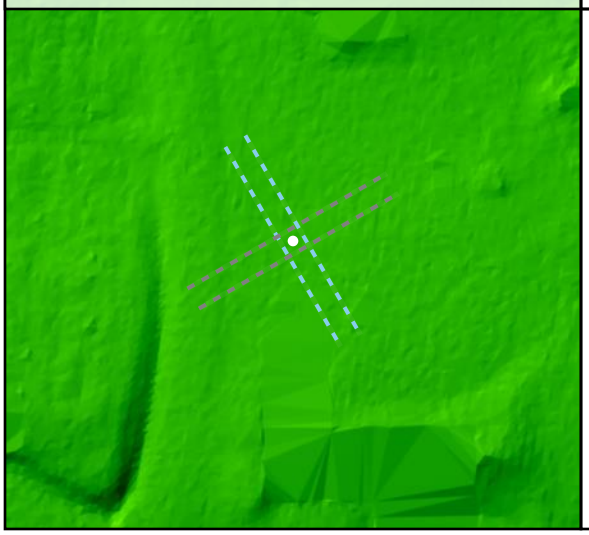


Southeast to Northwest



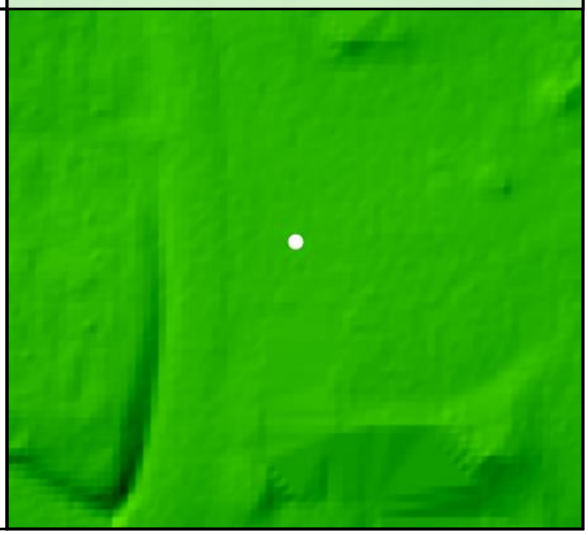
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

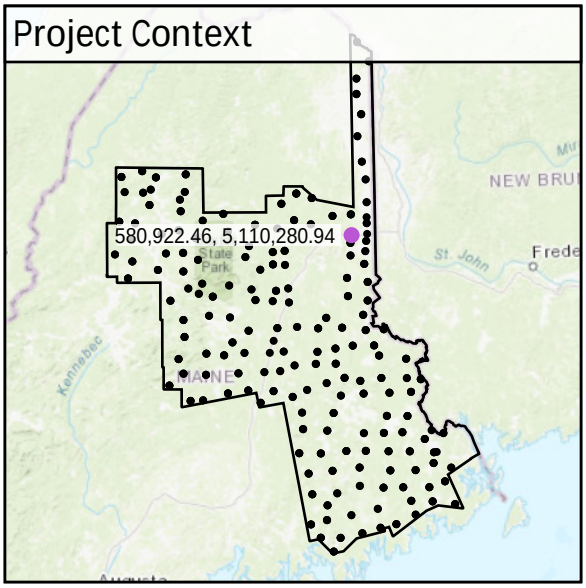
CAL - CA108

All Points TIN Dz 0.00 m

CA109

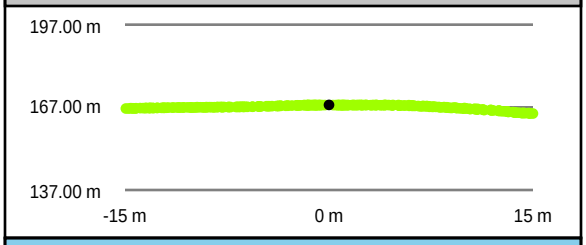
Known Z	167.88 m	Point Density	2.41 ppsm
DEM Dz	-0.06 m	Ground Density	2.41 ppsm
All Points TIN Dz	-0.06 m	Slope	2.17 °

Project Context

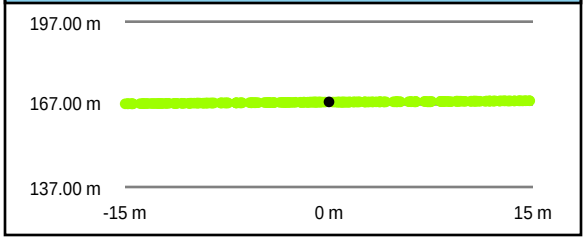


World Imagery

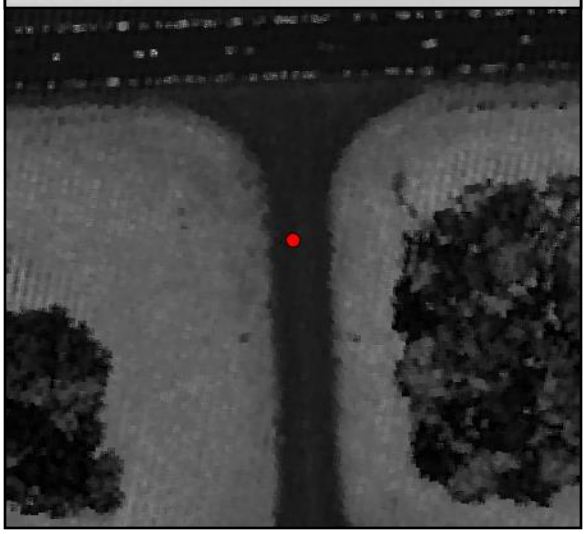
Southwest to Northeast



Southeast to Northwest



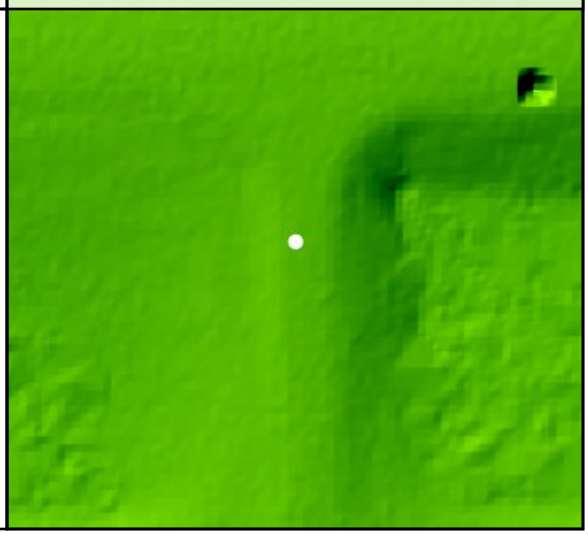
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz -0.06 m

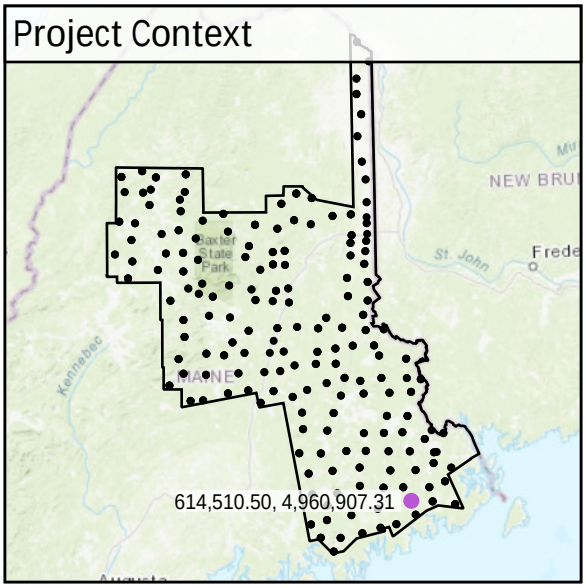
CAL - CA109

All Points TIN Dz -0.06 m

CA11

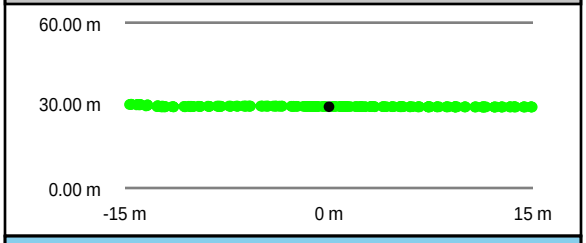
Known Z	29.49 m	Point Density	2.72 ppsm
DEM Dz	0.10 m	Ground Density	2.72 ppsm
All Points TIN Dz	0.10 m	Slope	1.25 °

Project Context

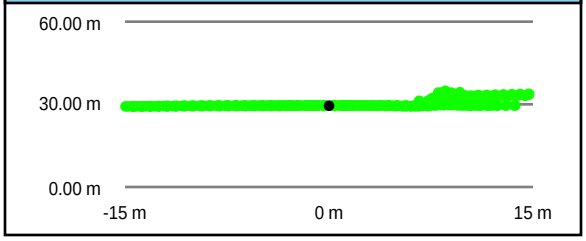


World Imagery

West to East

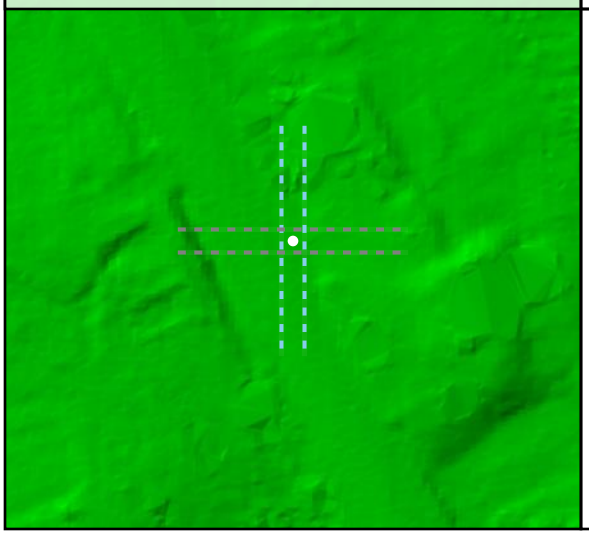


South to North



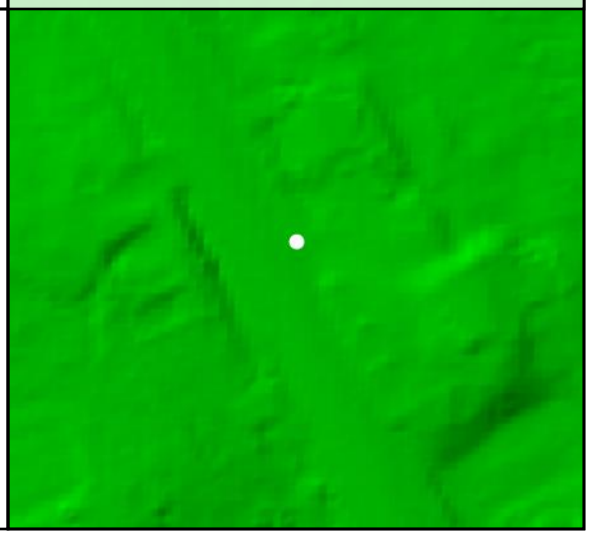
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.10 m

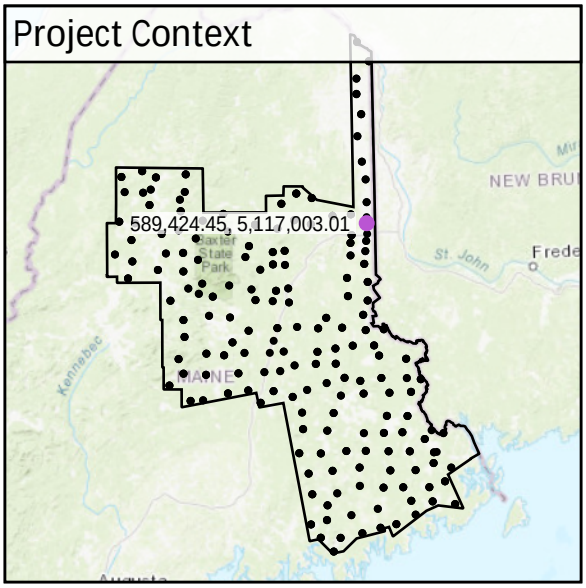
CAL - CA11

All Points TIN Dz +0.10 m

CA110

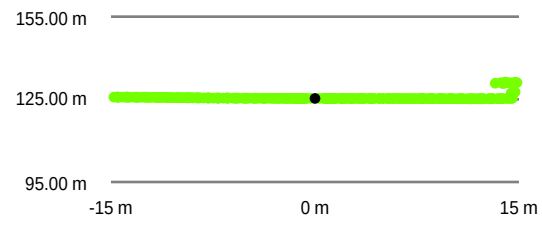
Known Z	125.32 m	Point Density	2.51 ppsm
DEM Dz	0.02 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.02 m	Slope	0.68 °

Project Context

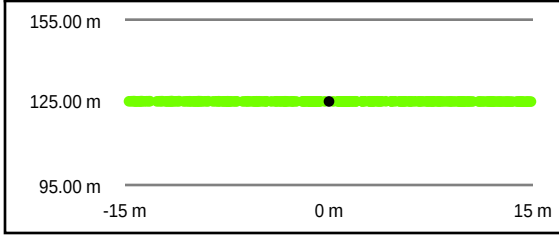


World Imagery

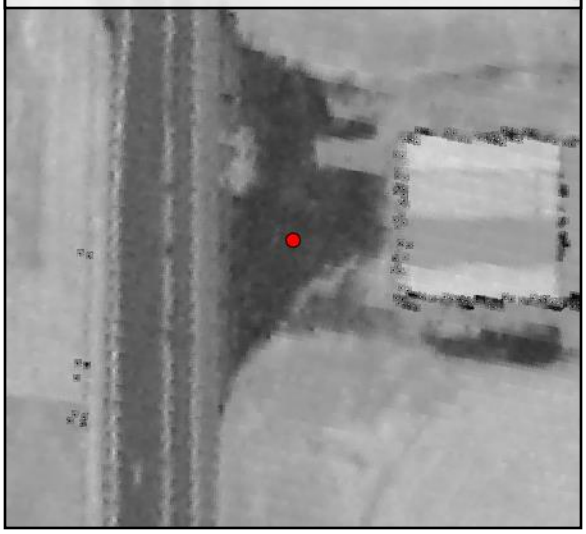
West to East



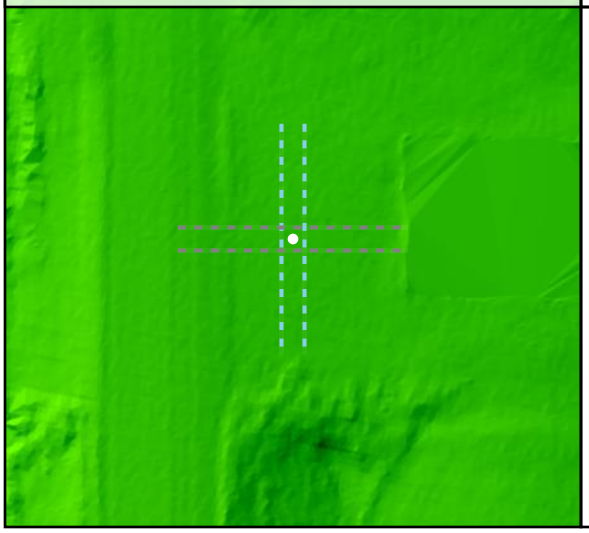
South to North



Intensity Raster

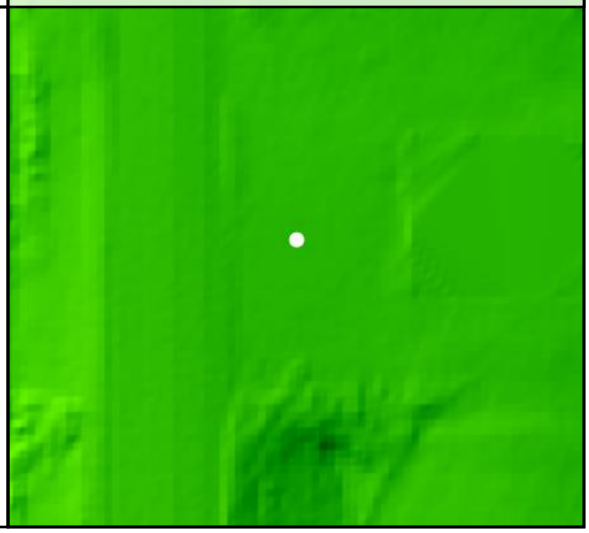


TIN Surface



Project Elevation

DEM Surface



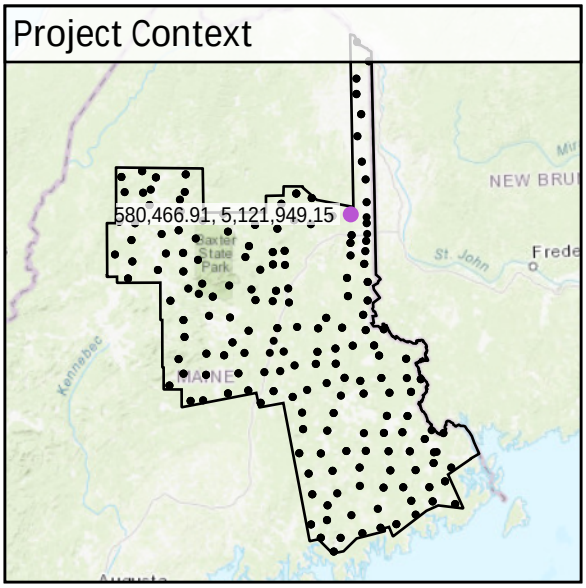
DEM Dz +0.02 m

CAL - CA110

All Points TIN Dz +0.02 m

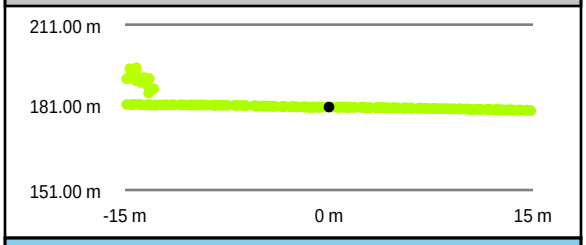
CA111				
	Known Z	181.11 m	Point Density	1.84 ppsm
	DEM Dz	-0.05 m	Ground Density	1.84 ppsm
	All Points TIN Dz	-0.06 m	Slope	2.70 °

Project Context

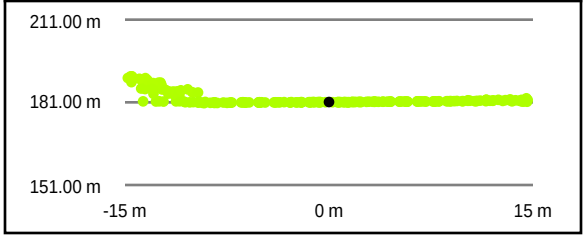


World Imagery

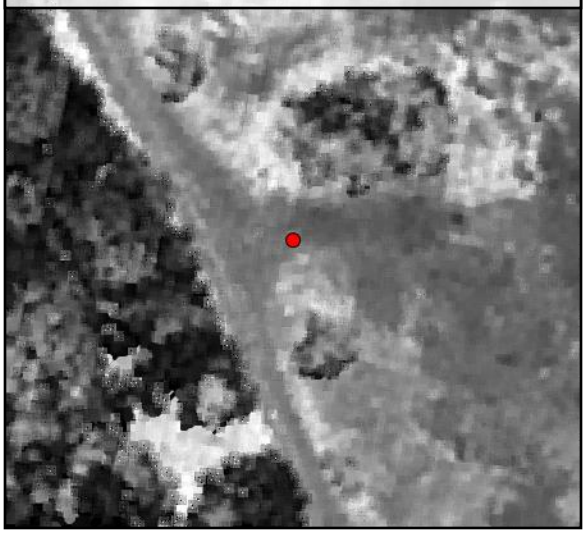
Southwest to Northeast



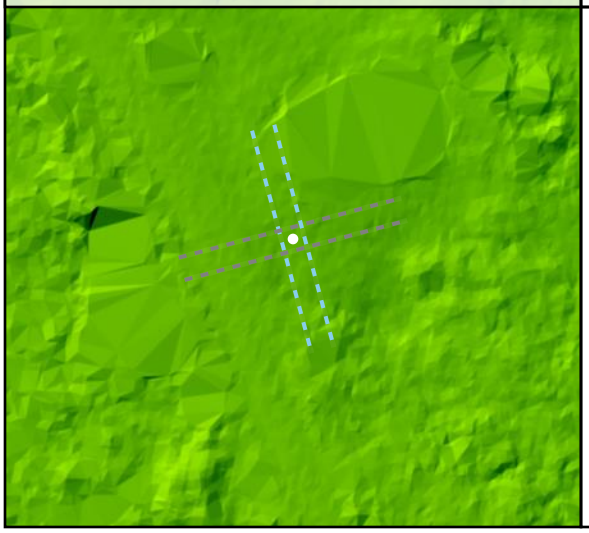
Southeast to Northwest



Intensity Raster

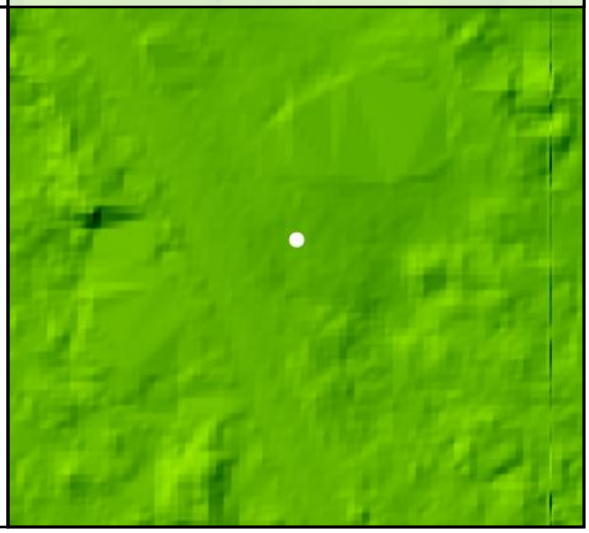


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

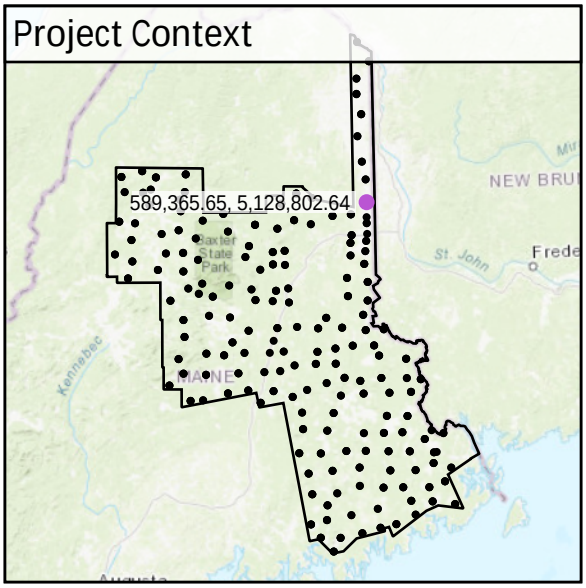
CAL - CA111

All Points TIN Dz -0.06 m

CA112

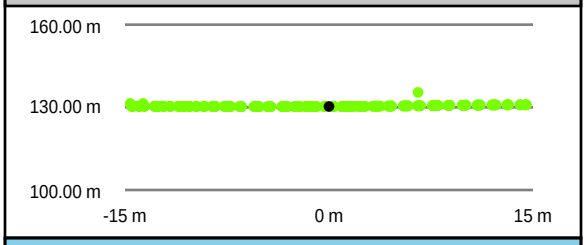
Known Z	130.31 m	Point Density	2.90 ppsm
DEM Dz	0.00 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.00 m	Slope	1.26 °

Project Context

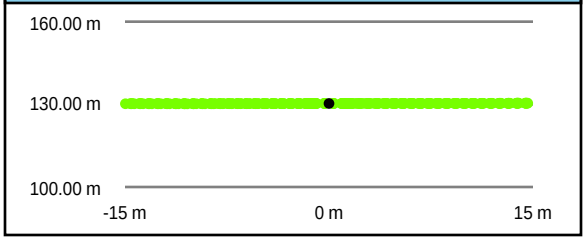


World Imagery

Southeast to Northwest



Southwest to Northeast

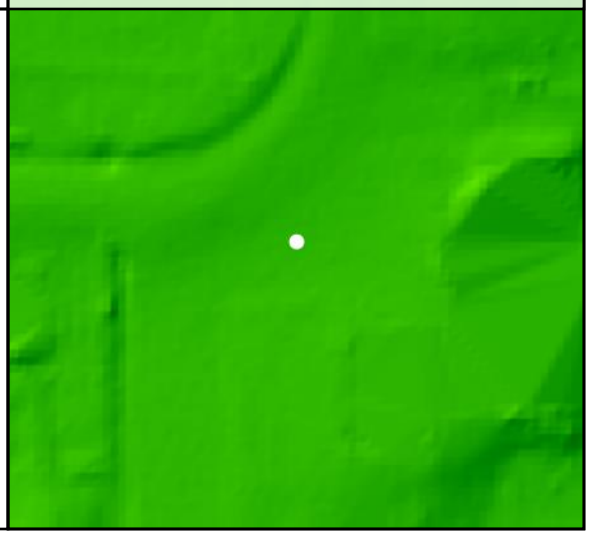


Intensity Raster

TIN Surface

Project Elevation

DEM Surface



DEM Dz 0.00 m

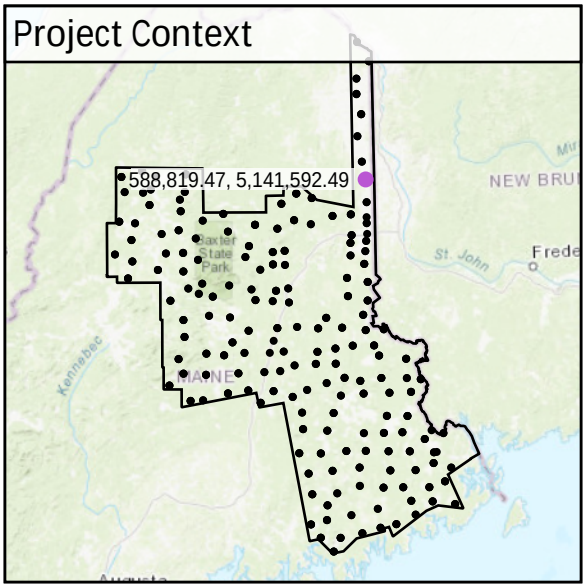
CAL - CA112

All Points TIN Dz +0.00 m

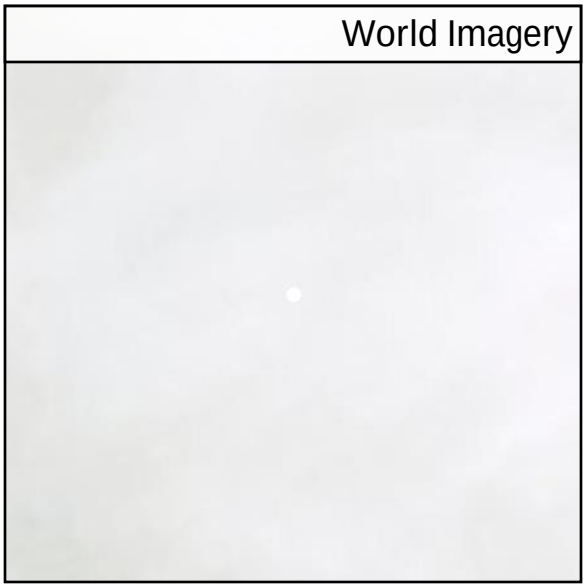
CA113

Known Z	124.91 m	Point Density	1.98 ppsm
DEM Dz	0.06 m	Ground Density	1.98 ppsm
All Points TIN Dz	0.06 m	Slope	1.57 °

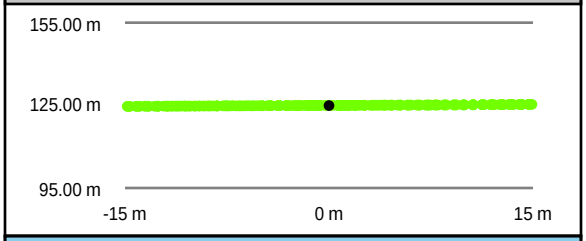
Project Context



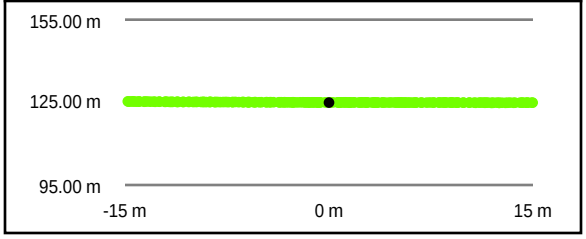
World Imagery



Southeast to Northwest

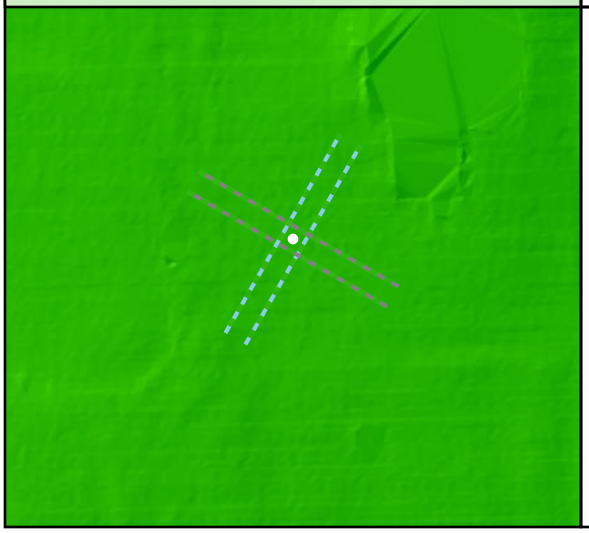


Southwest to Northeast



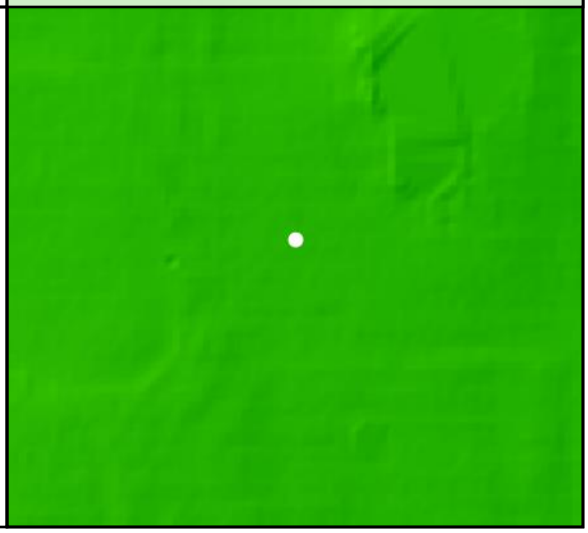
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

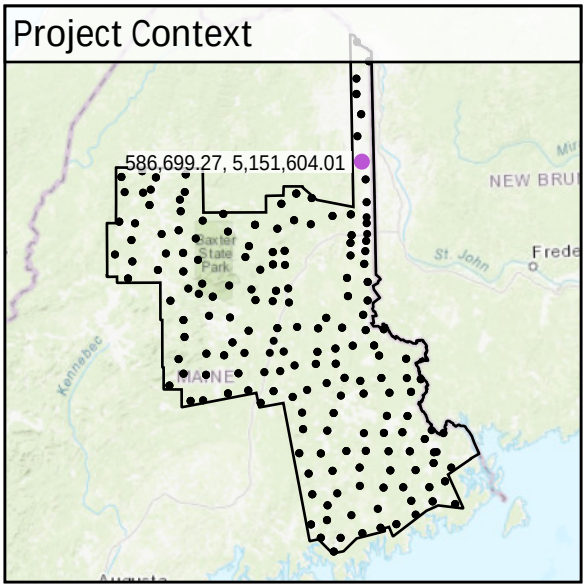
CAL - CA113

All Points TIN Dz +0.06 m

CA114

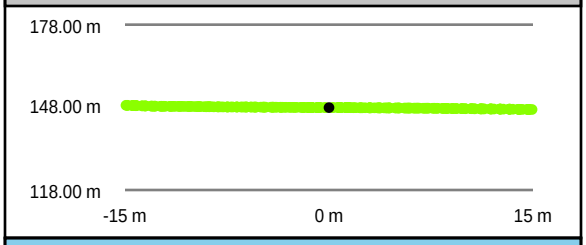
Known Z	147.90 m	Point Density	2.55 ppsm
DEM Dz	0.03 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.03 m	Slope	1.92 °

Project Context

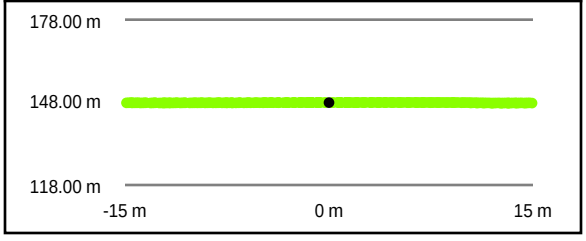


World Imagery

Southwest to Northeast

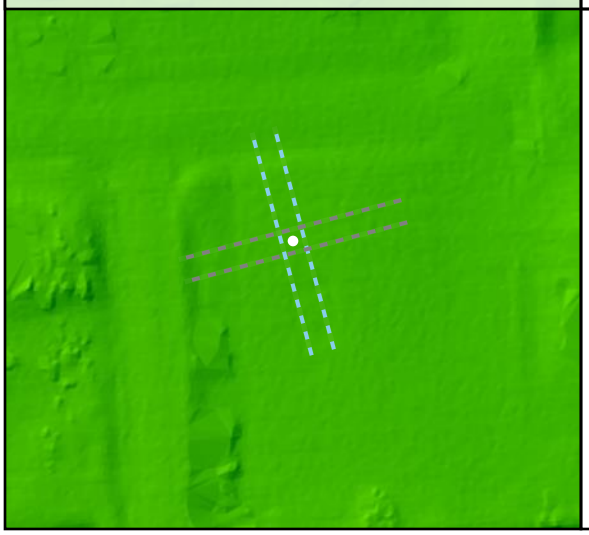


Southeast to Northwest



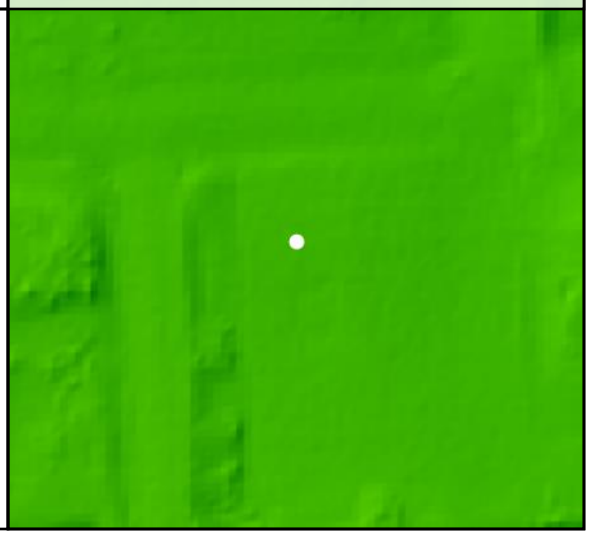
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

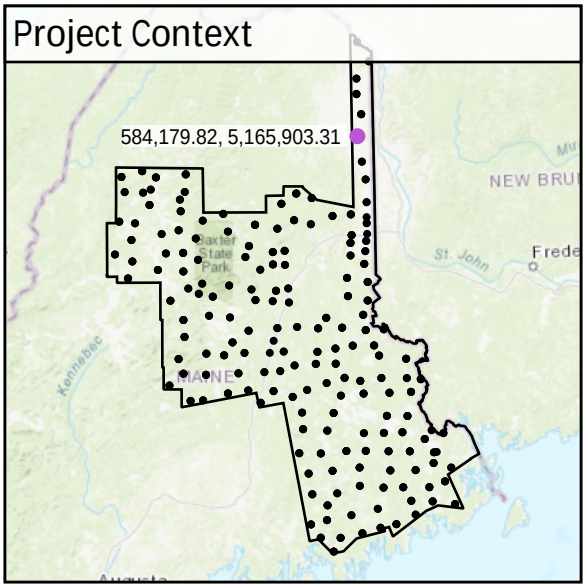
CAL - CA114

All Points TIN Dz +0.03 m

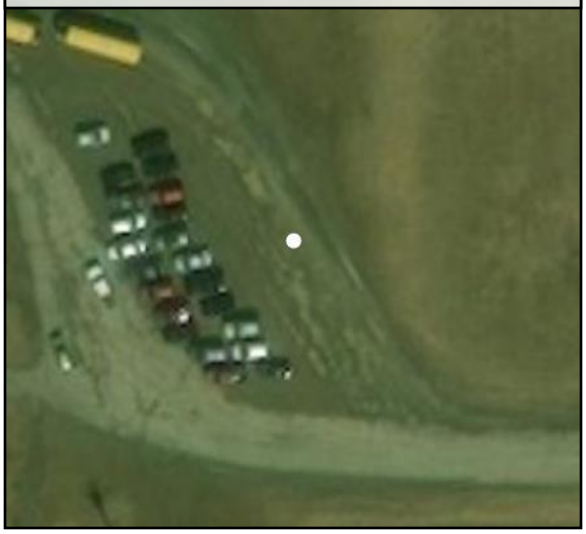
CA115

Known Z	200.43 m	Point Density	2.86 ppsm
DEM Dz	0.04 m	Ground Density	2.86 ppsm
All Points TIN Dz	0.04 m	Slope	2.06 °

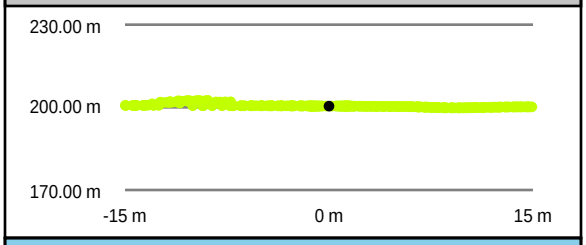
Project Context



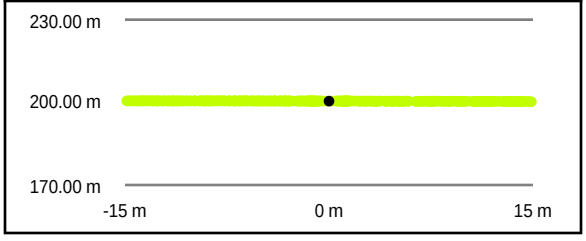
World Imagery



Southwest to Northeast

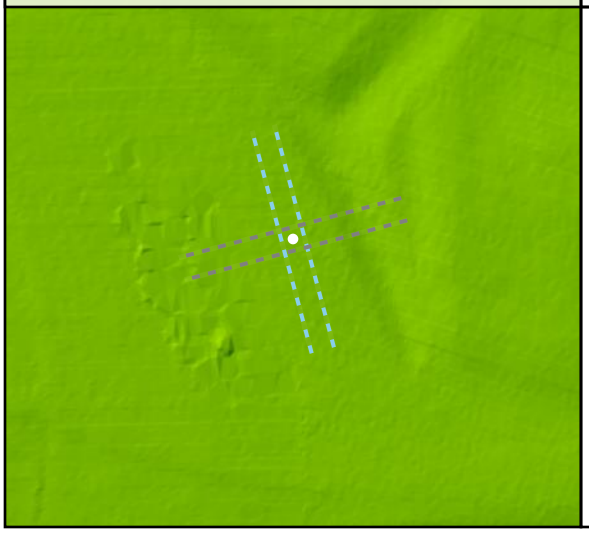


Southeast to Northwest



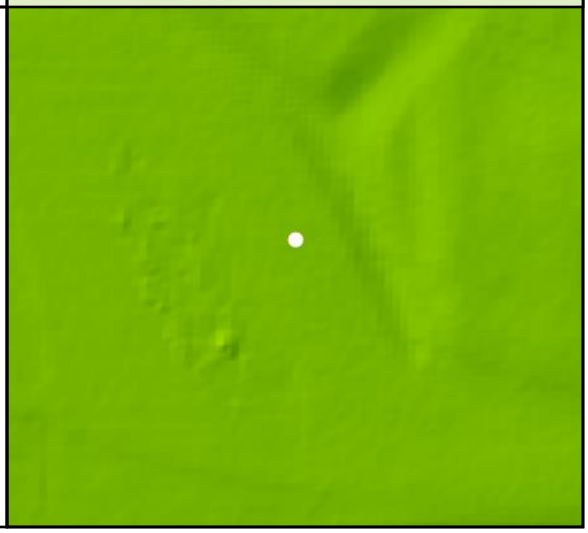
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

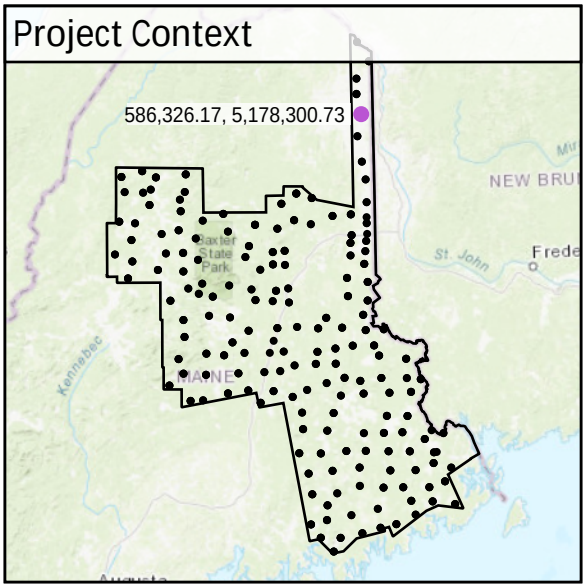
CAL - CA115

All Points TIN Dz +0.04 m

CA116

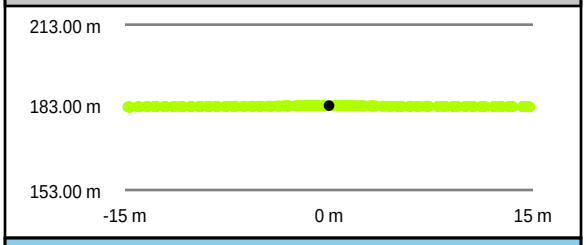
Known Z	183.62 m	Point Density	3.36 ppsm
DEM Dz	0.00 m	Ground Density	3.36 ppsm
All Points TIN Dz	0.01 m	Slope	0.43 °

Project Context

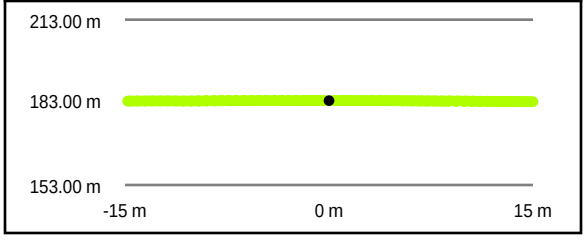


World Imagery

Southwest to Northeast

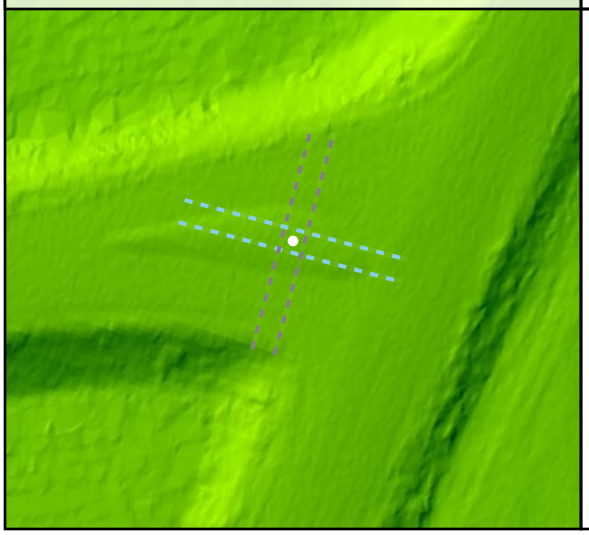


Southeast to Northwest



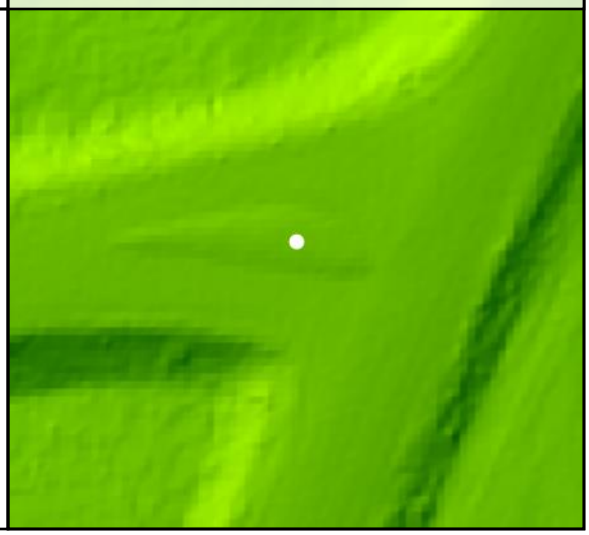
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

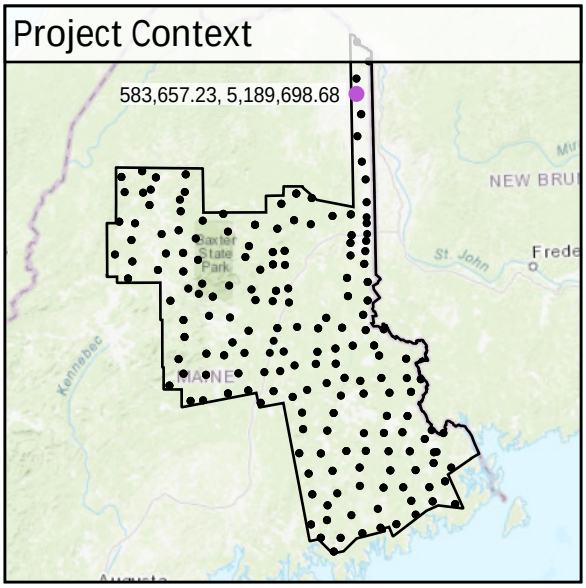
CAL - CA116

All Points TIN Dz +0.01 m

CA117

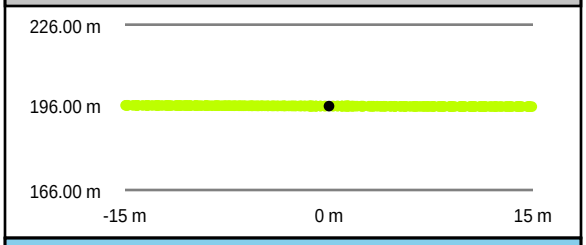
Known Z	196.44 m	Point Density	2.26 ppsm
DEM Dz	0.01 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.01 m	Slope	1.25 °

Project Context

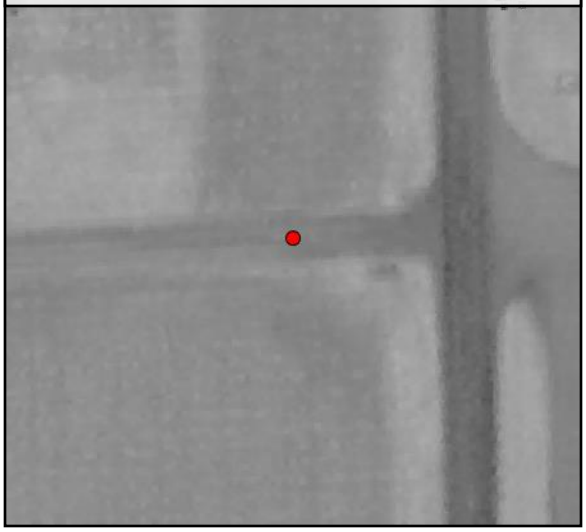


World Imagery

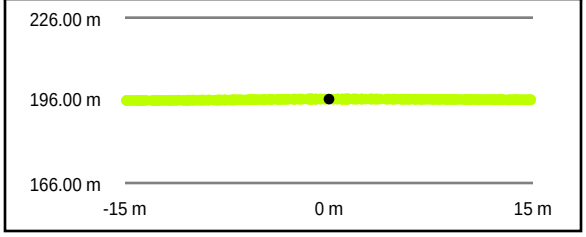
Southwest to Northeast



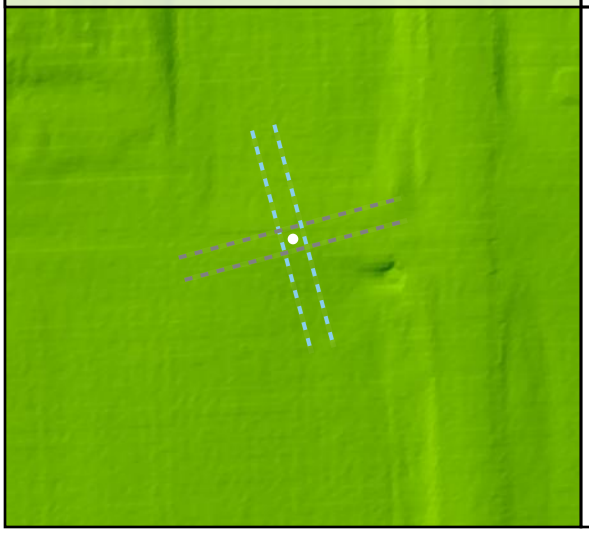
Intensity Raster



Southeast to Northwest

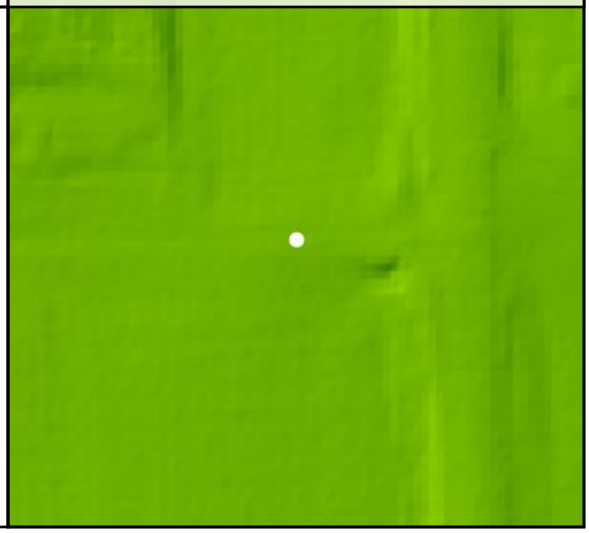


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

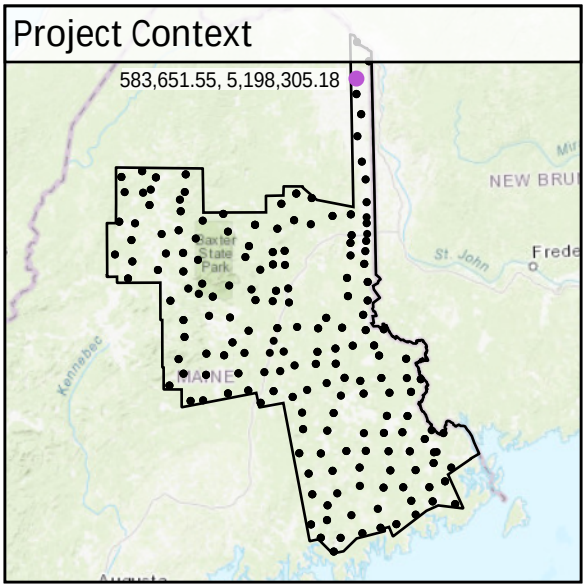
CAL - CA117

All Points TIN Dz +0.01 m

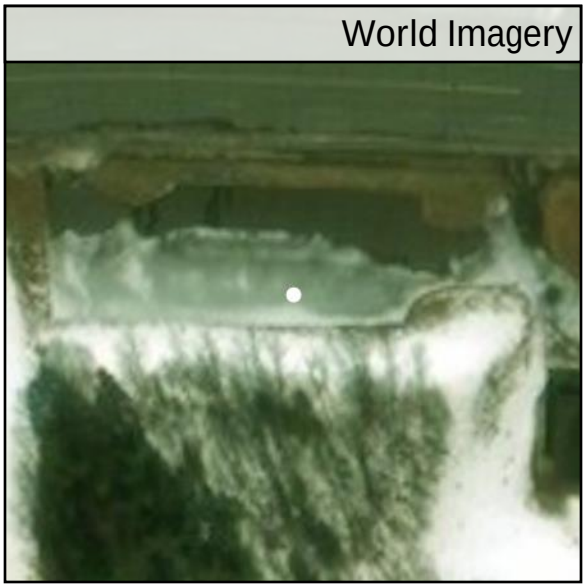
CA118

Known Z	206.85 m	Point Density	2.76 ppsm
DEM Dz	0.04 m	Ground Density	2.76 ppsm
All Points TIN Dz	0.04 m	Slope	2.08 °

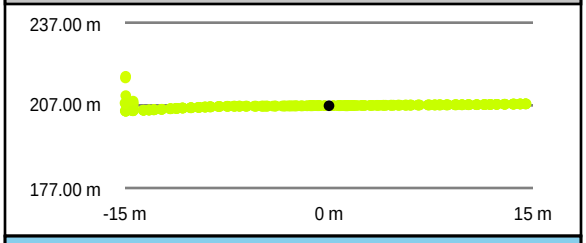
Project Context



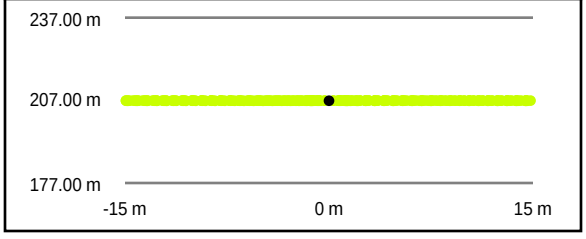
World Imagery



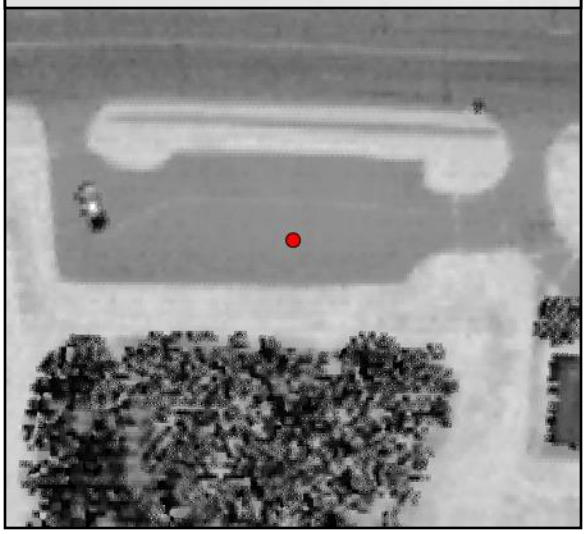
South to North



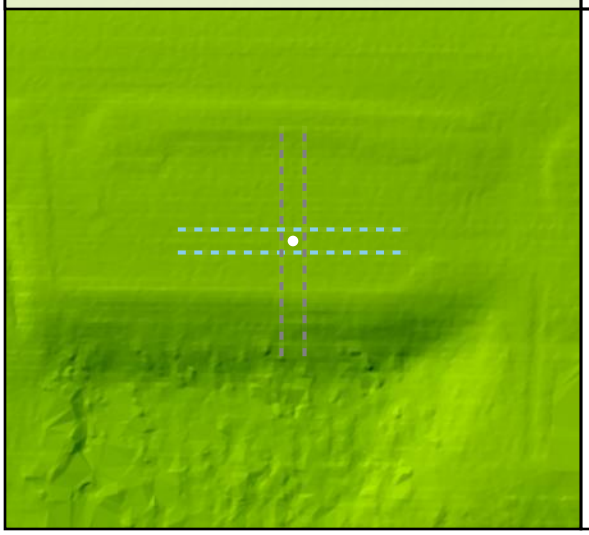
West to East



Intensity Raster

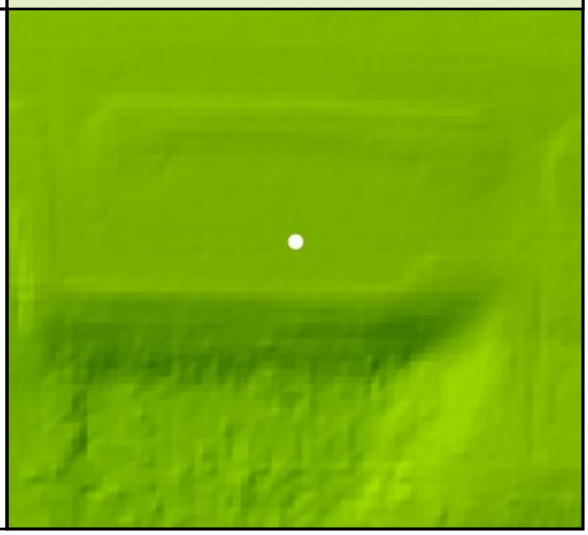


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

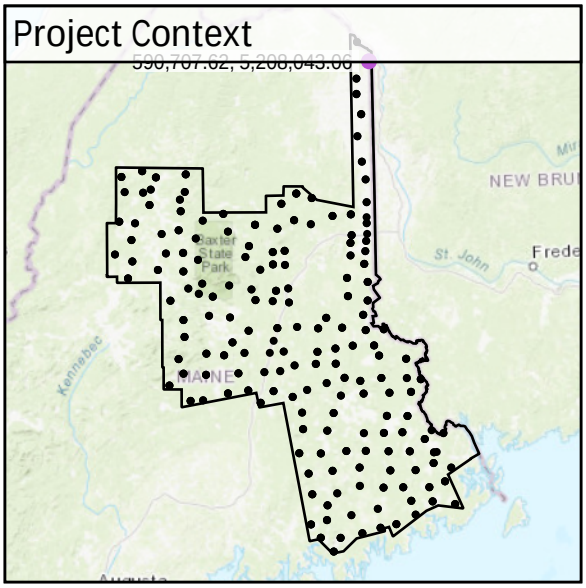
CAL - CA118

All Points TIN Dz +0.04 m

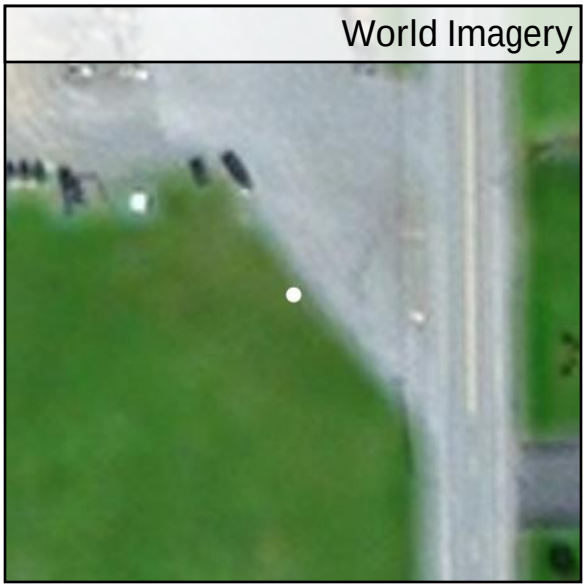
CA119

Known Z	232.95 m	Point Density	2.69 ppsm
DEM Dz	0.00 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.00 m	Slope	1.53 °

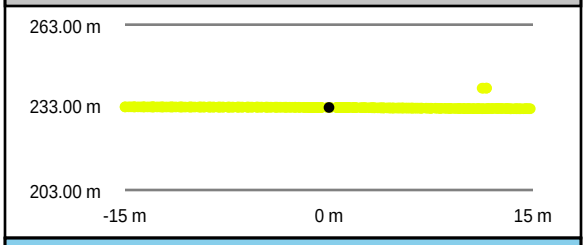
Project Context



World Imagery

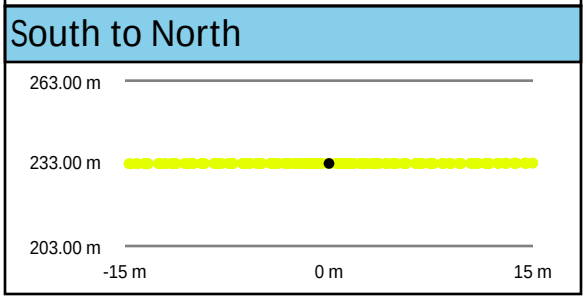


West to East

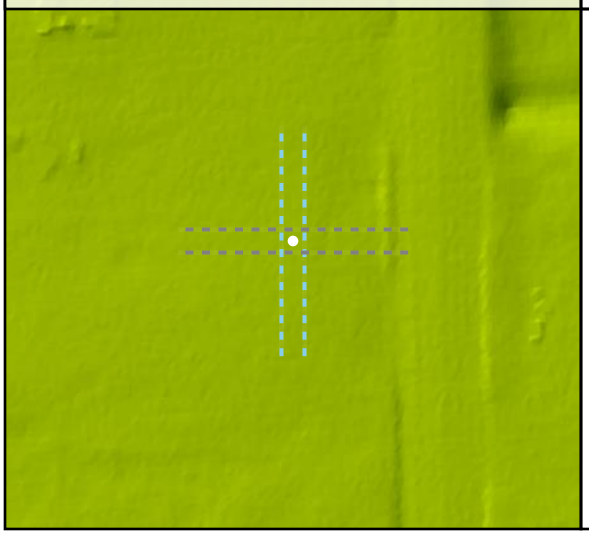


Intensity Raster

South to North

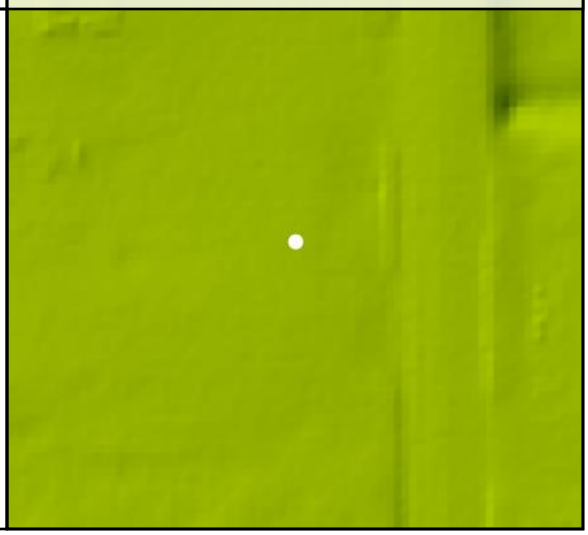


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz 0.00 m

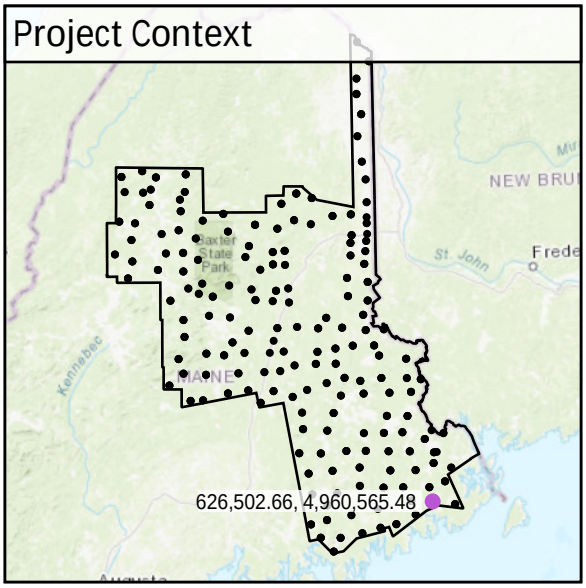
CAL - CA119

DEM Dz +0.00 m

CA12

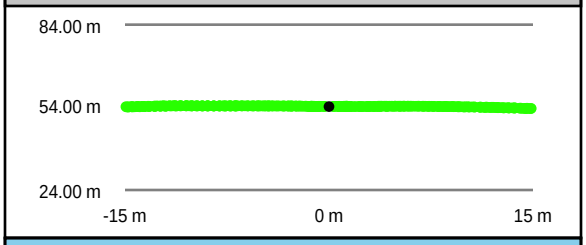
Known Z	54.27 m	Point Density	3.47 ppsm
DEM Dz	0.07 m	Ground Density	3.47 ppsm
All Points TIN Dz	0.07 m	Slope	2.92 °

Project Context

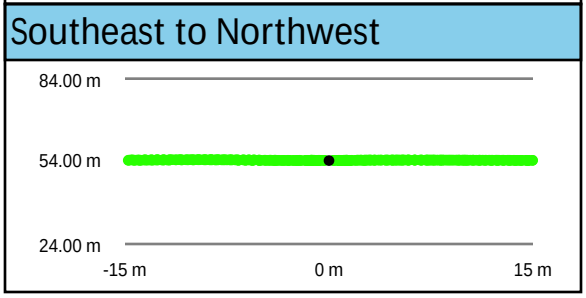


World Imagery

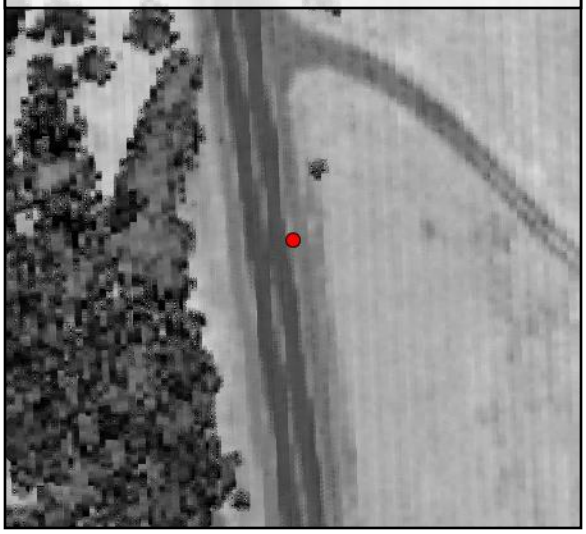
Southwest to Northeast



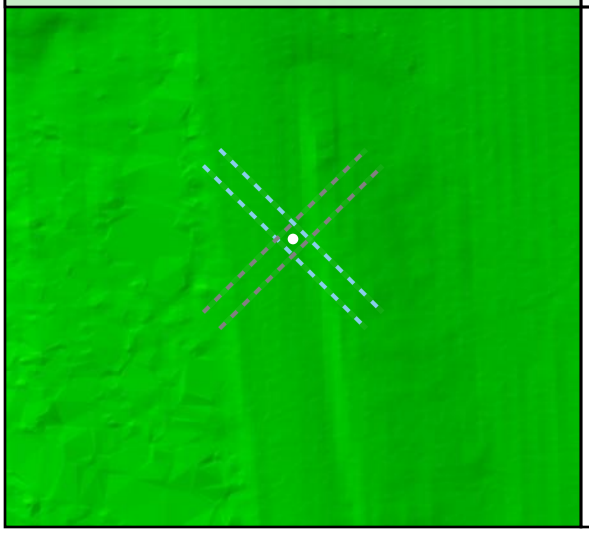
Southeast to Northwest



Intensity Raster

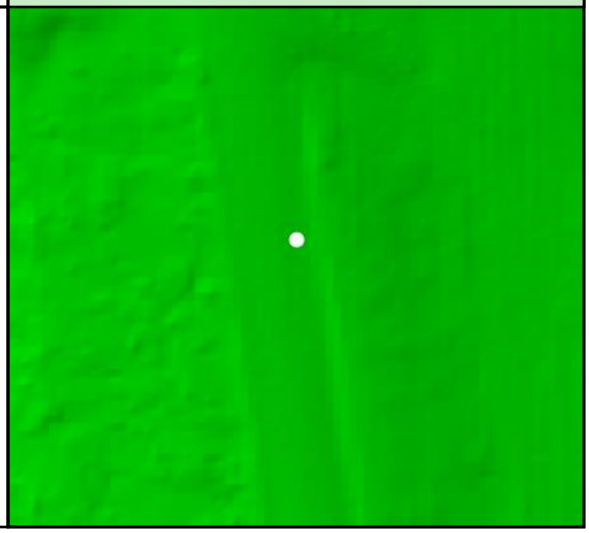


TIN Surface



Project Elevation

DEM Surface



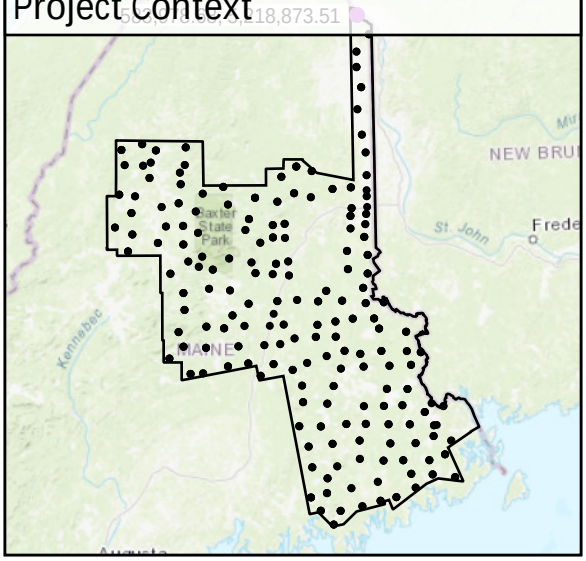
DEM Dz +0.07 m

CAL - CA12

All Points TIN Dz +0.07 m

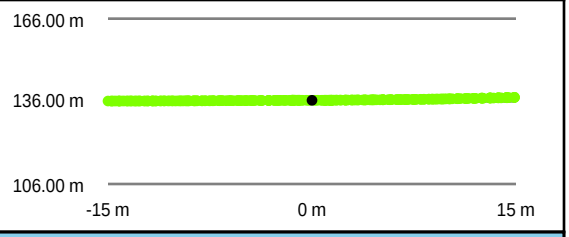
CA120				
	Known Z	136.37 m	Point Density	2.51 ppsm
	DEM Dz	0.01 m	Ground Density	2.51 ppsm
	All Points TIN Dz	0.01 m	Slope	1.46 °

Project Context

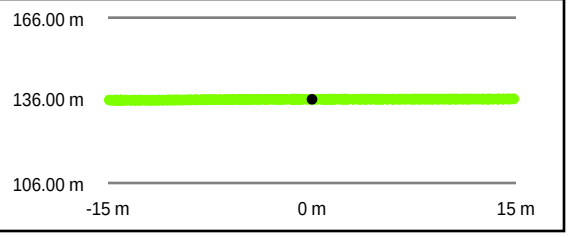


World Imagery

Southwest to Northeast

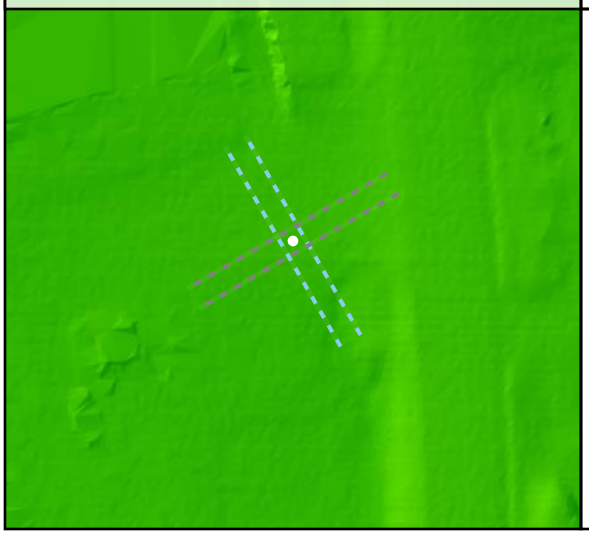


Southeast to Northwest



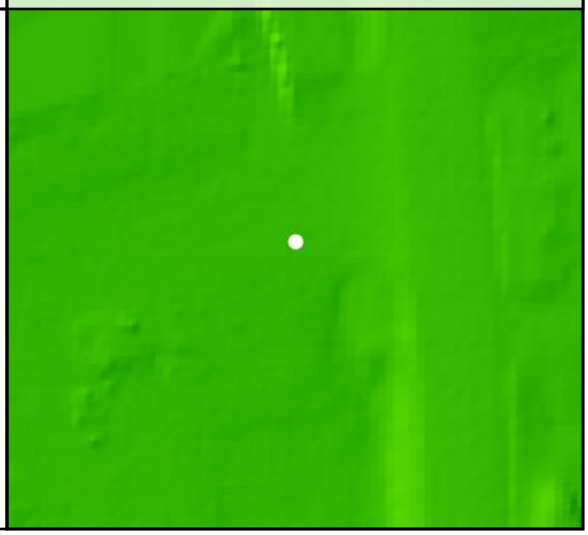
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



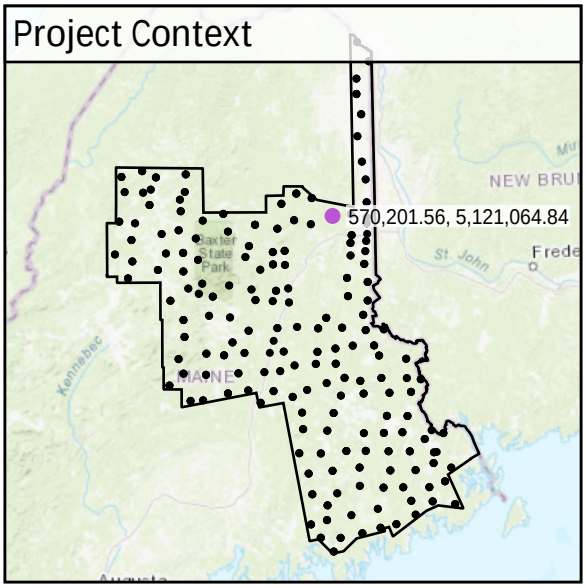
DEM Dz +0.01 m

CAL - CA120

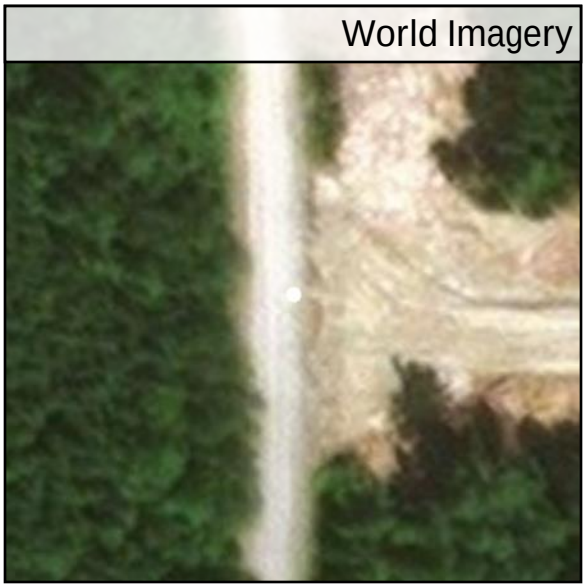
All Points TIN Dz +0.01 m

CA121				
	Known Z	256.85 m	Point Density	2.83 ppsm
	DEM Dz	-0.10 m	Ground Density	2.83 ppsm
	All Points TIN Dz	-0.10 m	Slope	3.58 °

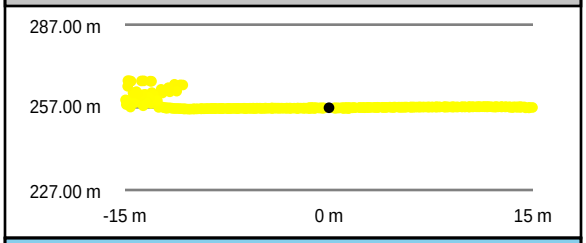
Project Context



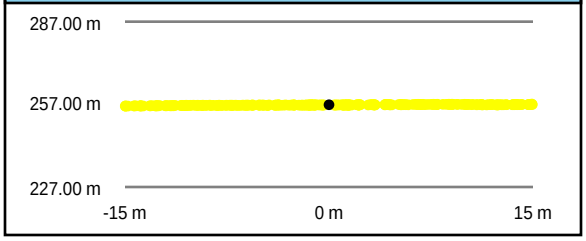
World Imagery



West to East

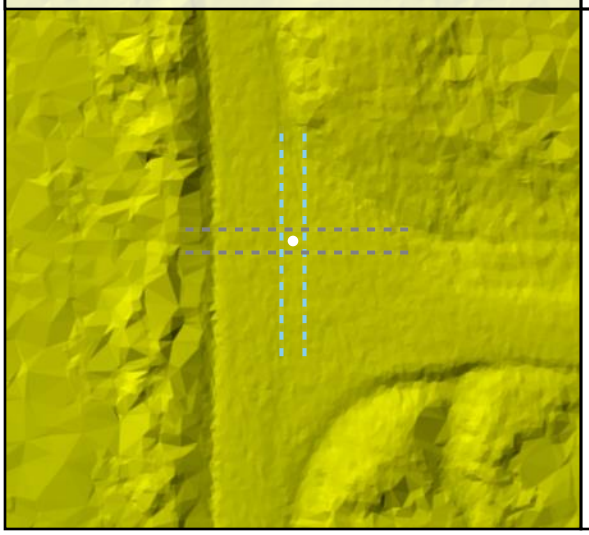


South to North



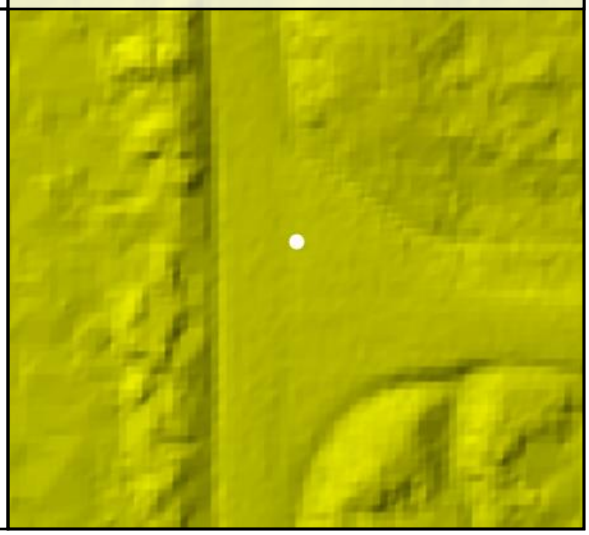
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.10 m

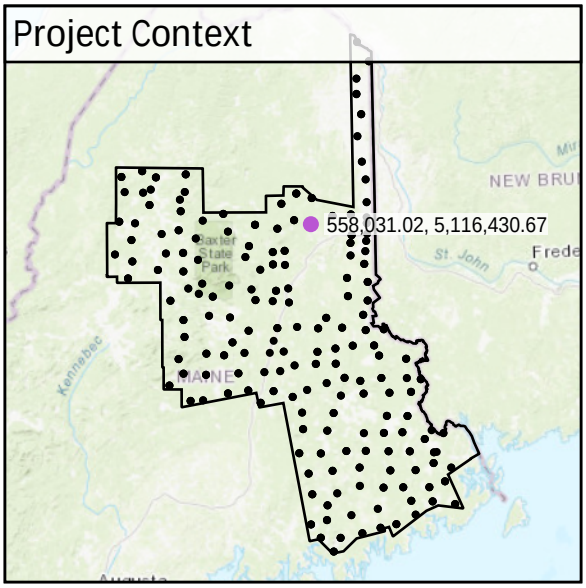
CAL - CA121

All Points TIN Dz -0.10 m

CA122

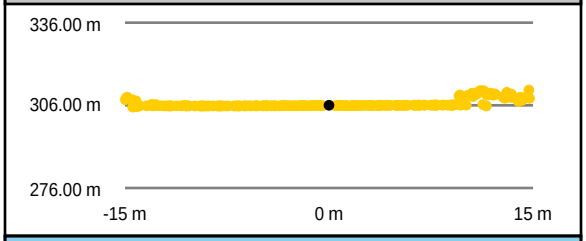
Known Z	306.02 m	Point Density	2.33 ppsm
DEM Dz	-0.12 m	Ground Density	2.33 ppsm
All Points TIN Dz	-0.12 m	Slope	1.52 °

Project Context

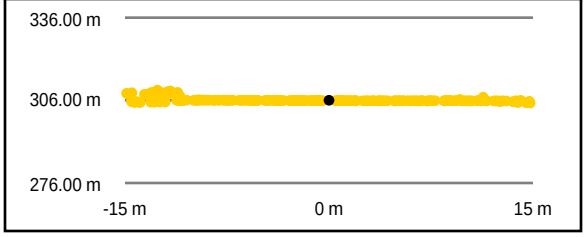


World Imagery

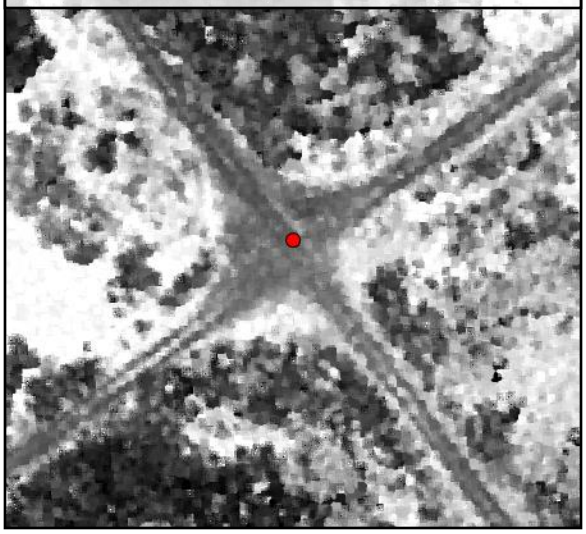
Southeast to Northwest



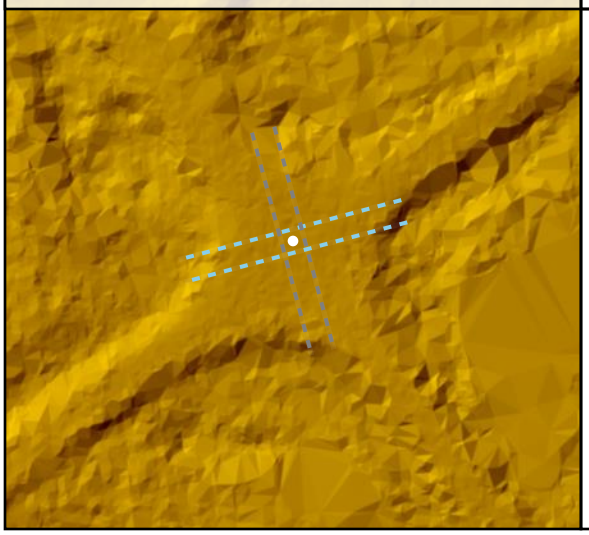
Southwest to Northeast



Intensity Raster

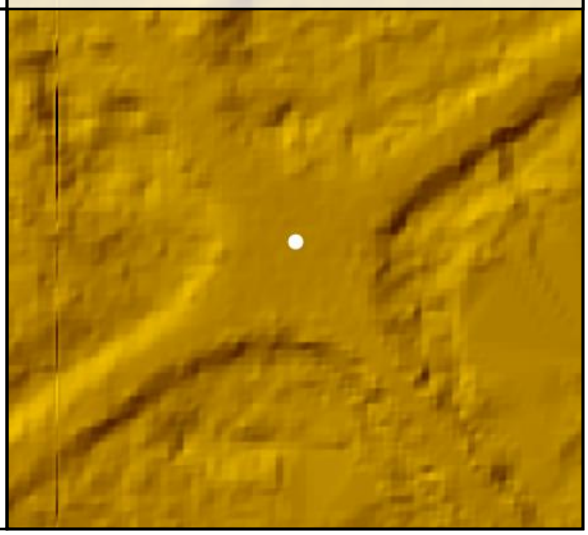


TIN Surface



Project Elevation

DEM Surface



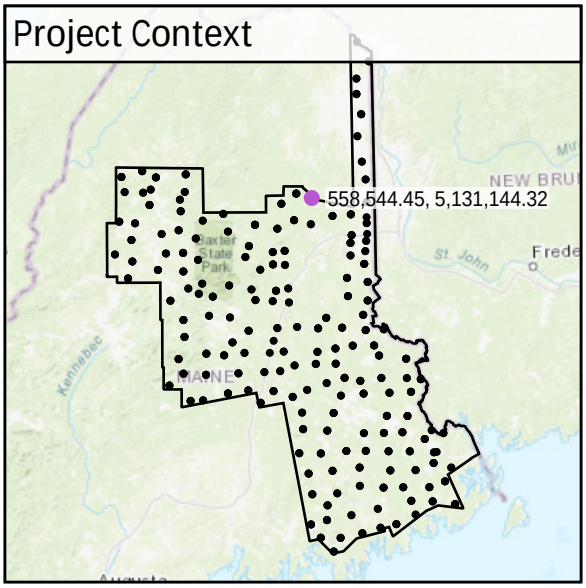
DEM Dz -0.12 m

CAL - CA122

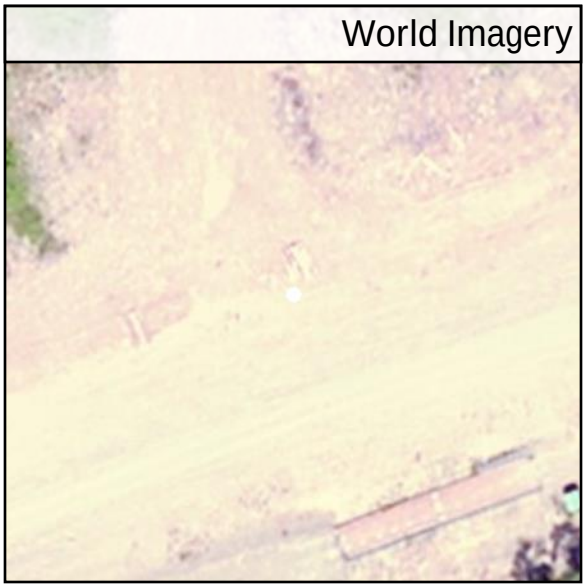
All Points TIN Dz -0.12 m

CA123				
	Known Z	210.08 m	Point Density	1.87 ppsm
	DEM Dz	-0.07 m	Ground Density	1.87 ppsm
	All Points TIN Dz	-0.07 m	Slope	2.54 °

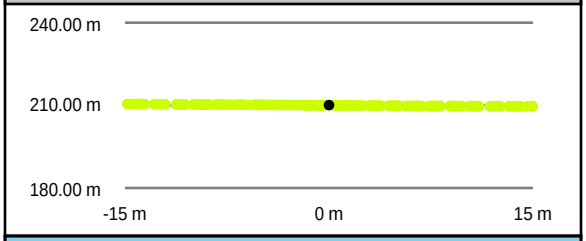
Project Context



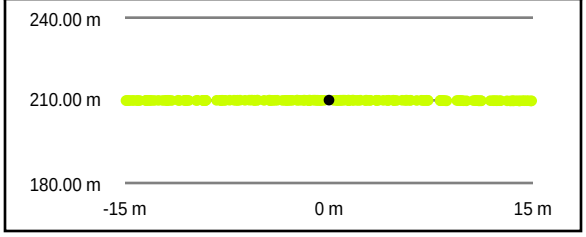
World Imagery



Southeast to Northwest

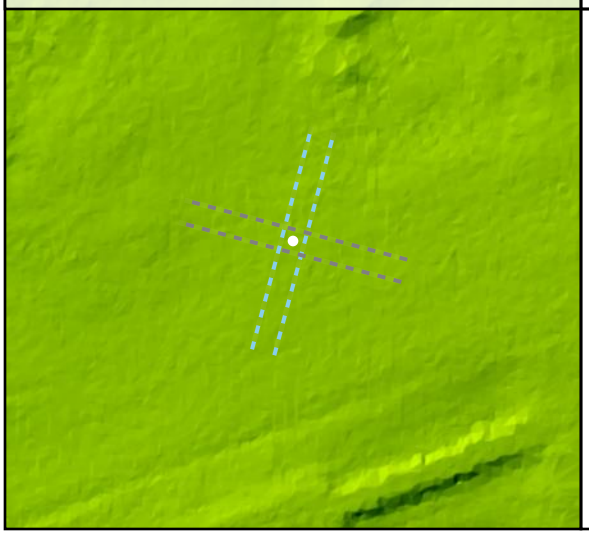


Southwest to Northeast

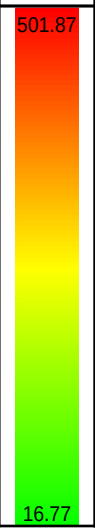


Intensity Raster

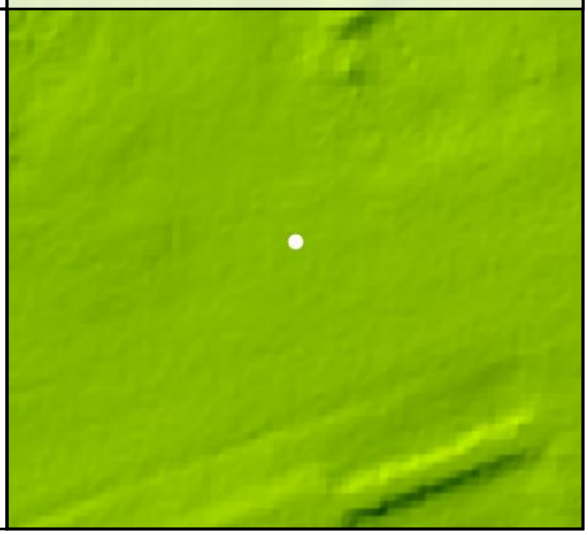
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.07 m

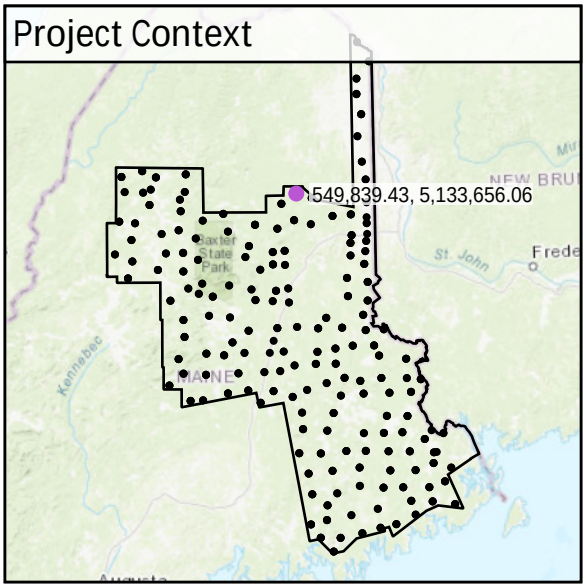
CAL - CA123

All Points TIN Dz -0.07 m

CA124

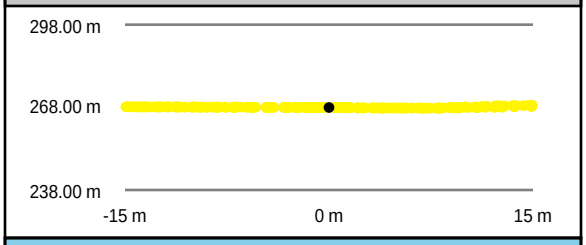
Known Z	267.94 m	Point Density	2.26 ppsm
DEM Dz	-0.01 m	Ground Density	2.26 ppsm
All Points TIN Dz	-0.01 m	Slope	2.65 °

Project Context

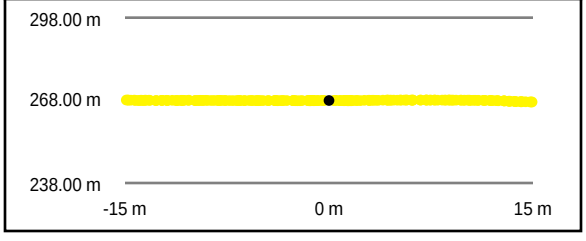


World Imagery

Southeast to Northwest

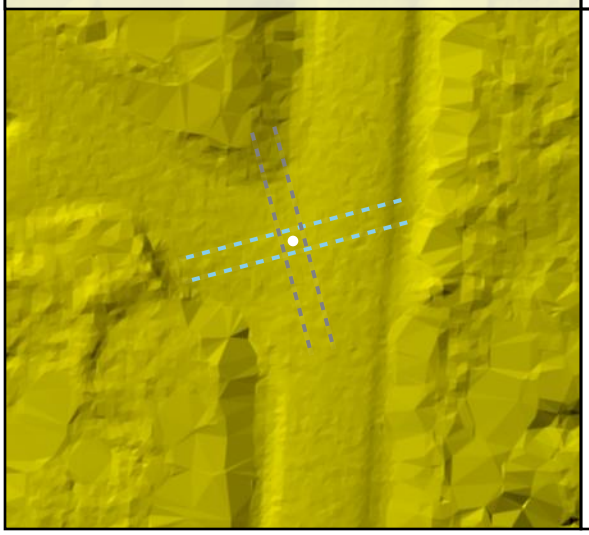


Southwest to Northeast



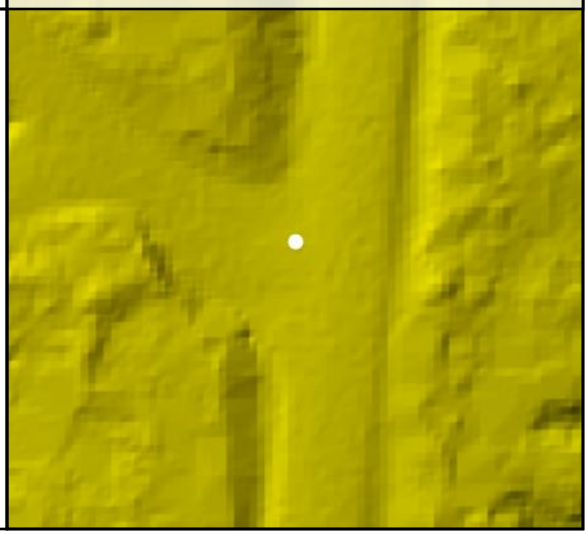
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

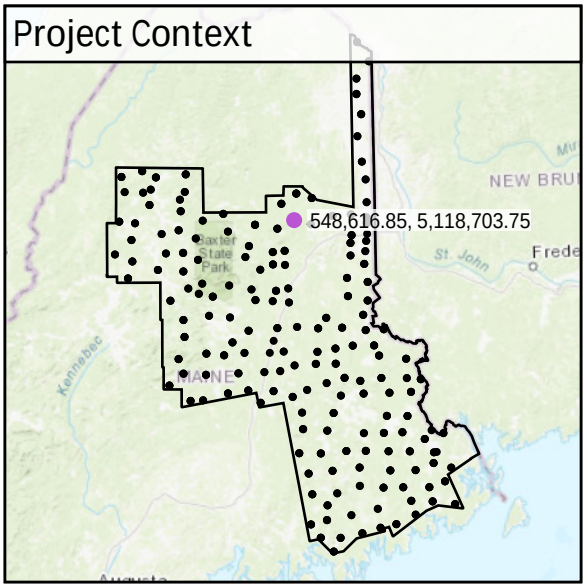
CAL - CA124

All Points TIN Dz -0.01 m

CA125

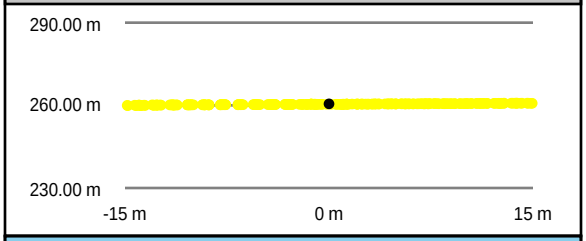
Known Z	260.53 m	Point Density	2.44 ppsm
DEM Dz	-0.17 m	Ground Density	2.41 ppsm
All Points TIN Dz	-0.17 m	Slope	1.74 °

Project Context

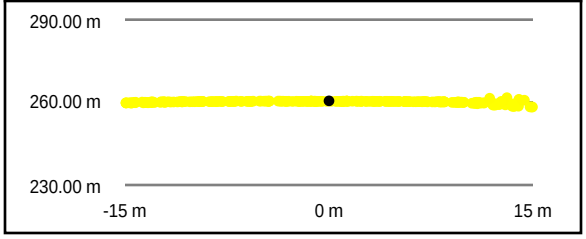


World Imagery

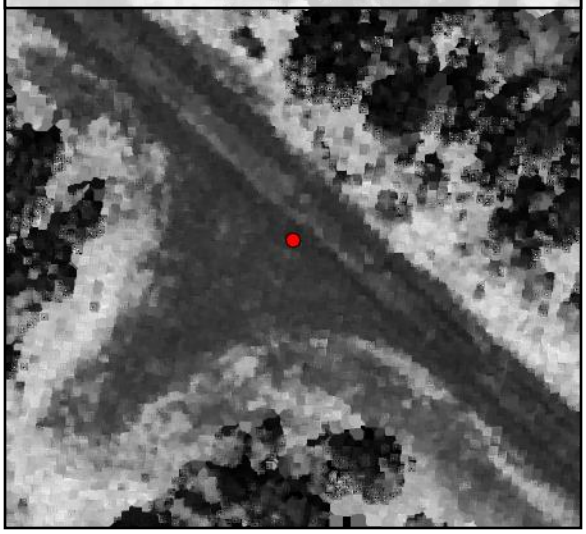
Southeast to Northwest



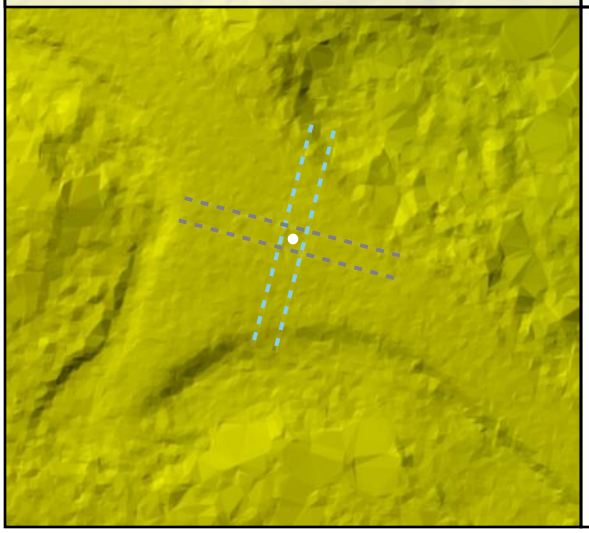
Southwest to Northeast



Intensity Raster

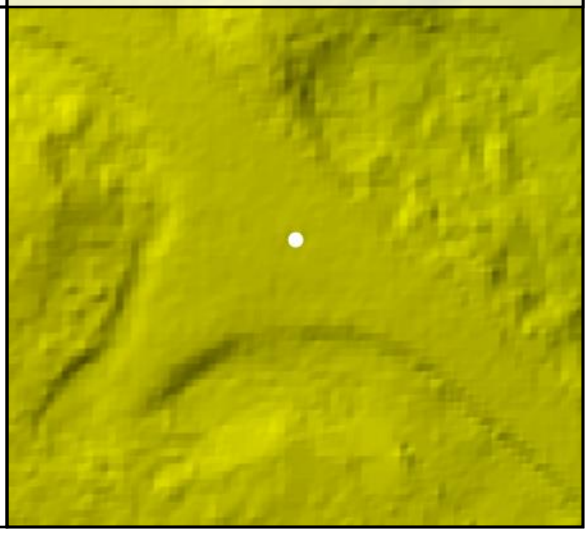


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.17 m

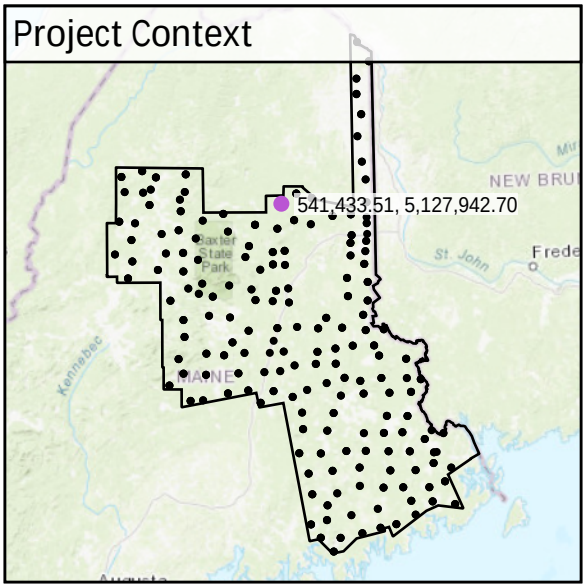
CAL - CA125

All Points TIN Dz -0.17 m

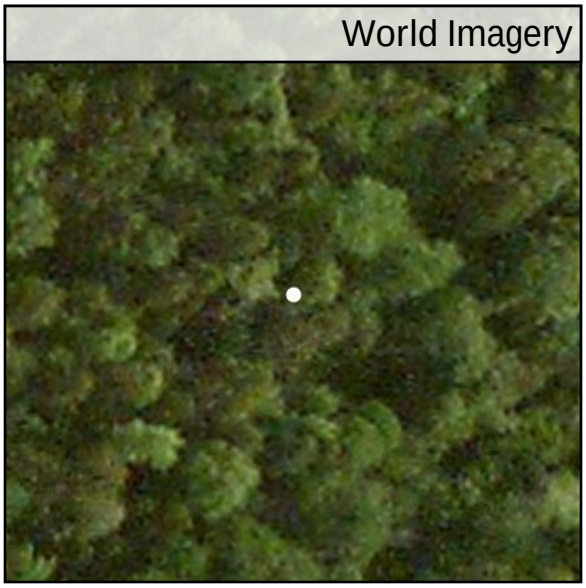
CA126

Known Z	293.58 m	Point Density	2.55 ppsm
DEM Dz	-0.09 m	Ground Density	2.55 ppsm
All Points TIN Dz	-0.09 m	Slope	5.97 °

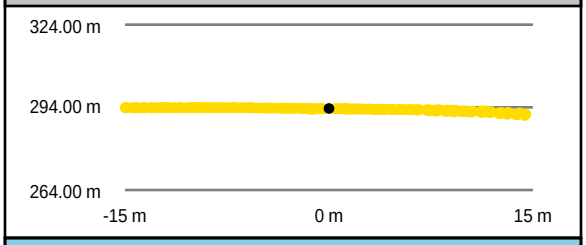
Project Context



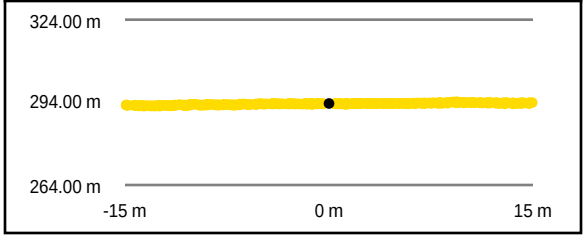
World Imagery



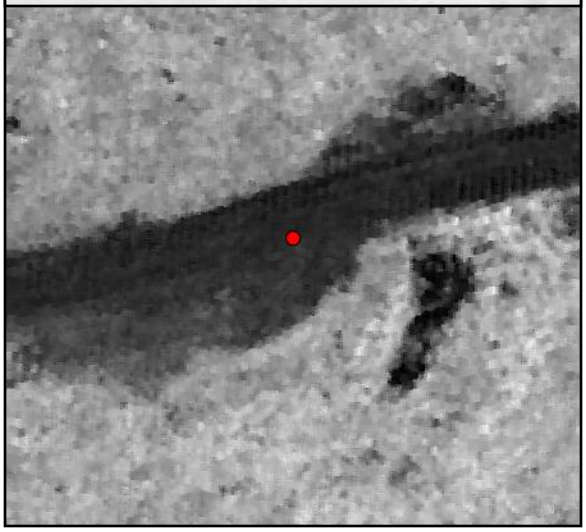
West to East



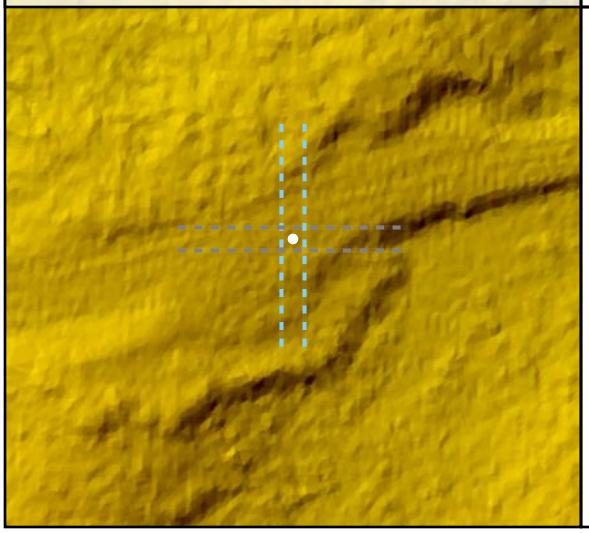
South to North



Intensity Raster

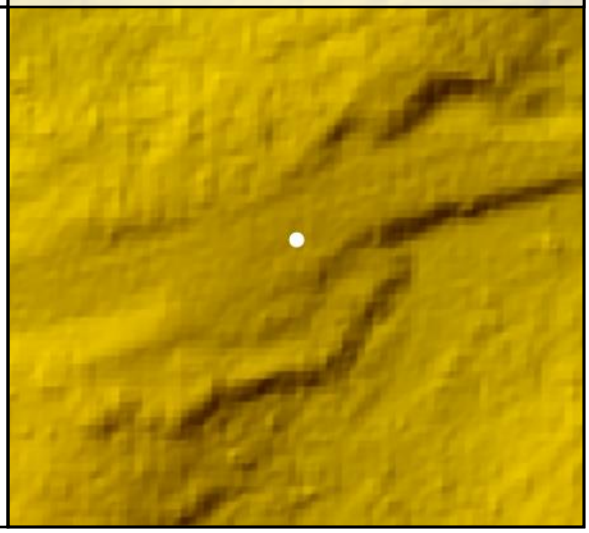


TIN Surface



Project Elevation

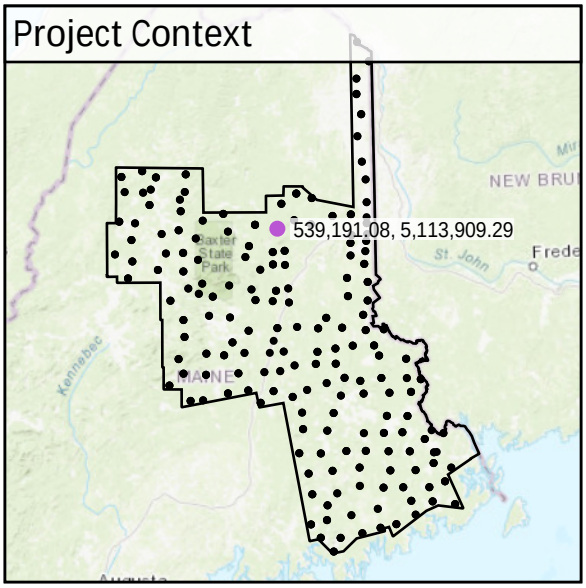
DEM Surface



All Points TIN Dz -0.09 m | CAL - CA126 | DEM Dz -0.09 m

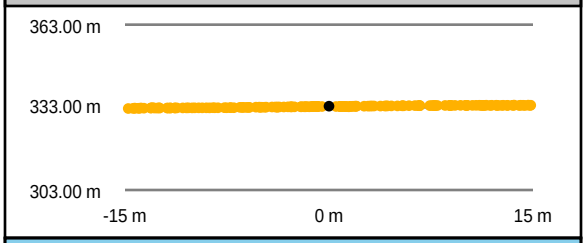
CA127				
	Known Z	333.42 m	Point Density	1.52 ppsm
	DEM Dz	-0.12 m	Ground Density	1.52 ppsm
	All Points TIN Dz	-0.11 m	Slope	3.32 °

Project Context

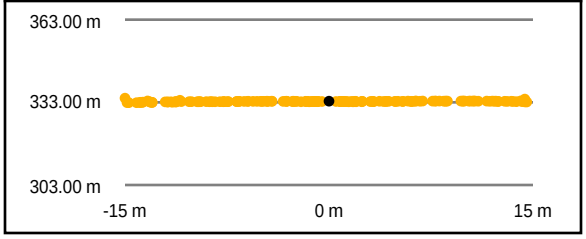


World Imagery

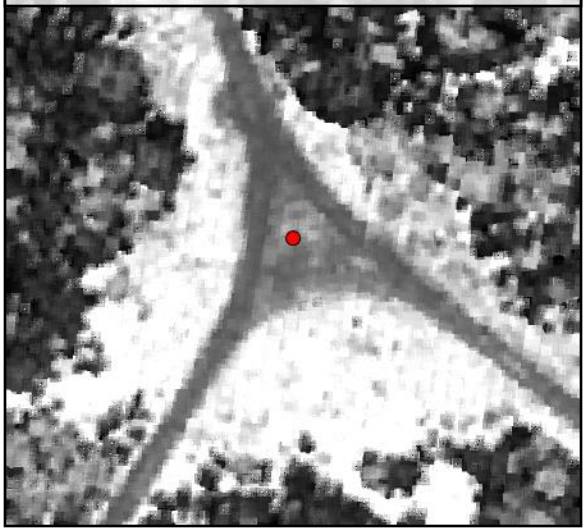
South to North



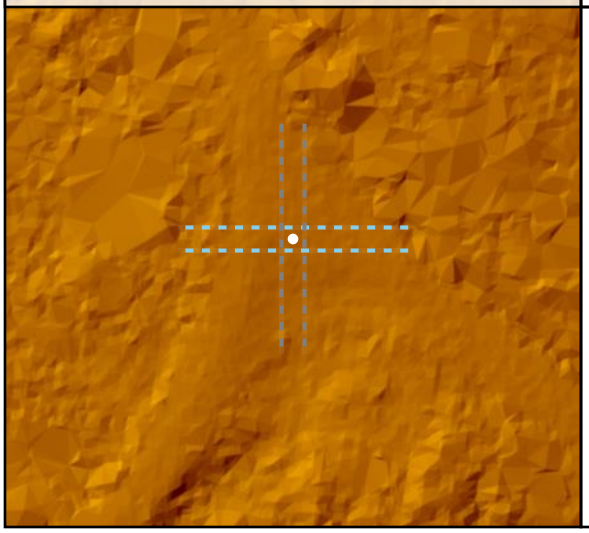
West to East



Intensity Raster

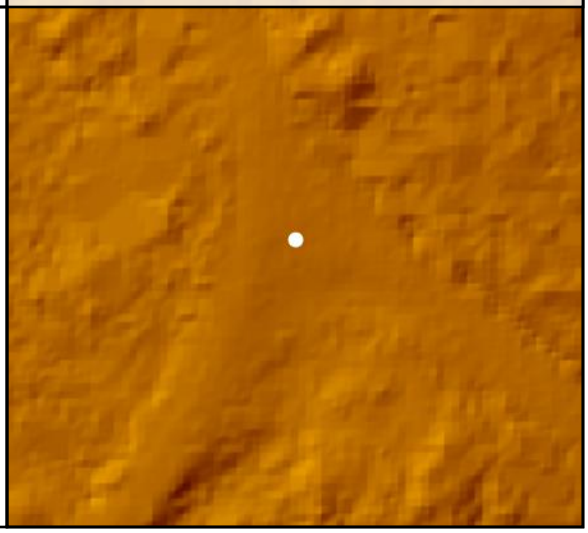


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.12 m

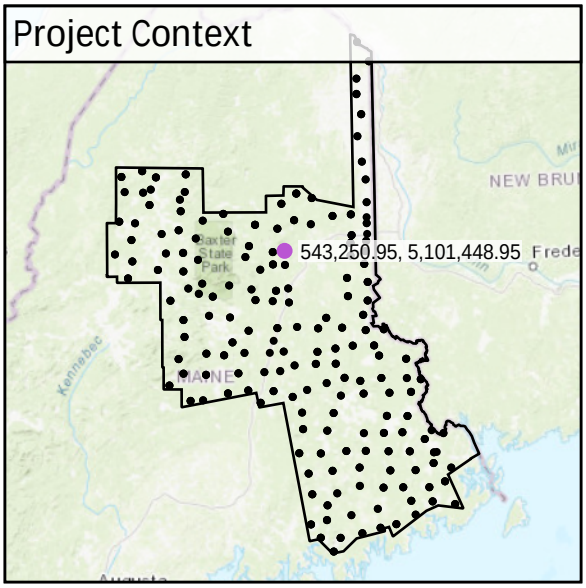
CAL - CA127

All Points TIN Dz -0.11 m

CA128

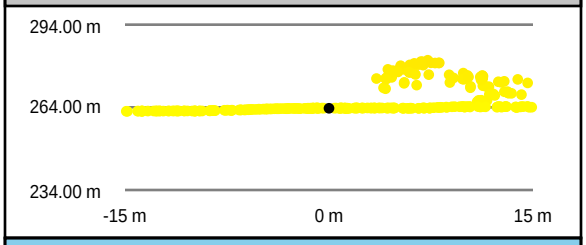
Known Z	263.66 m	Point Density	2.16 ppsm
DEM Dz	0.04 m	Ground Density	2.16 ppsm
All Points TIN Dz	0.06 m	Slope	3.09 °

Project Context

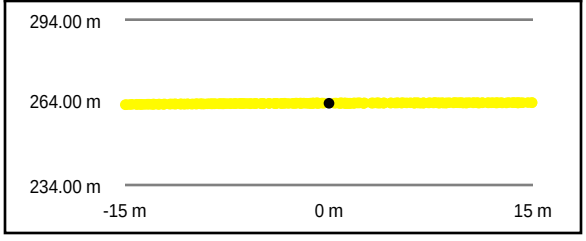


World Imagery

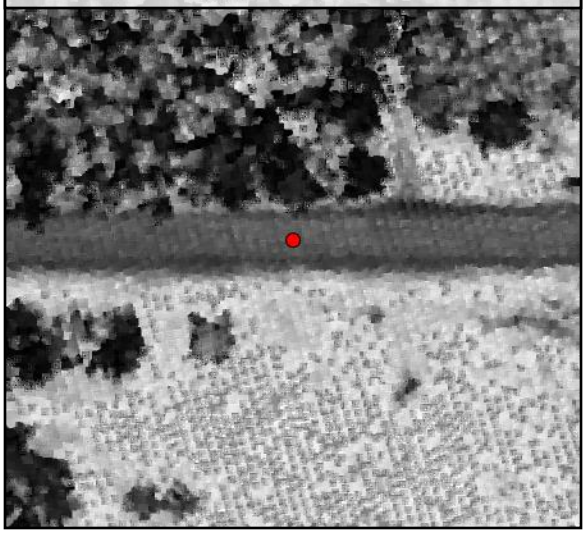
South to North



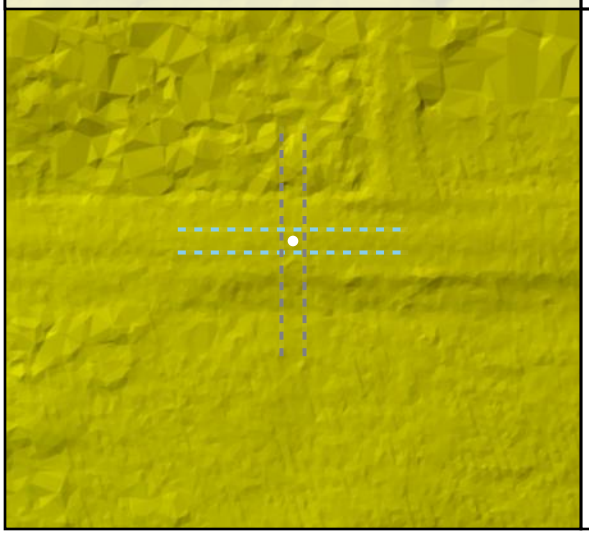
West to East



Intensity Raster

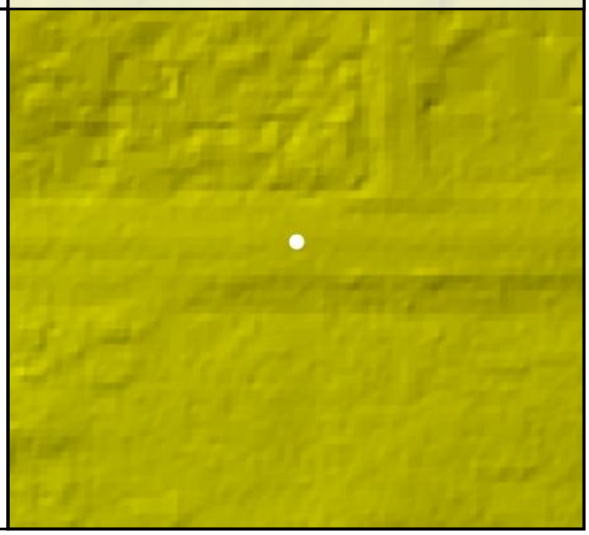


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

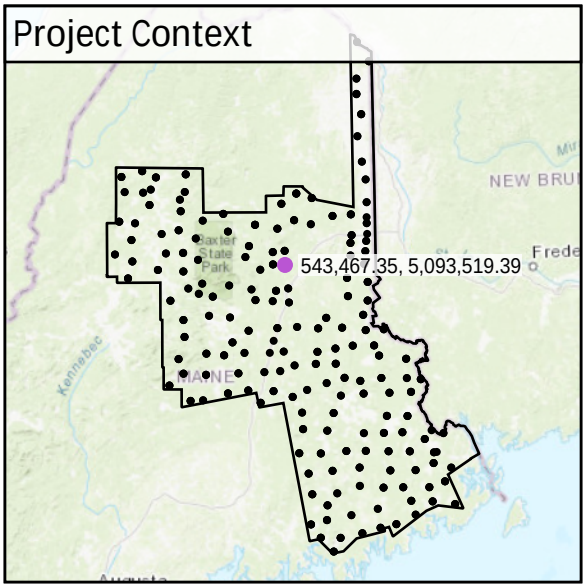
CAL - CA128

All Points TIN Dz +0.06 m

CA129

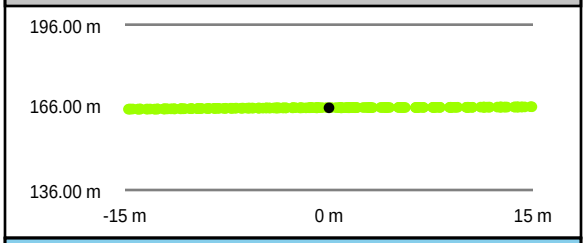
Known Z	165.83 m	Point Density	2.26 ppsm
DEM Dz	0.06 m	Ground Density	2.26 ppsm
All Points TIN Dz	0.08 m	Slope	0.90 °

Project Context

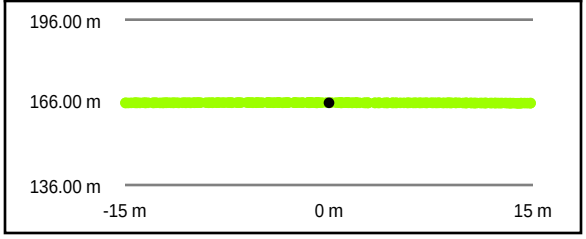


World Imagery

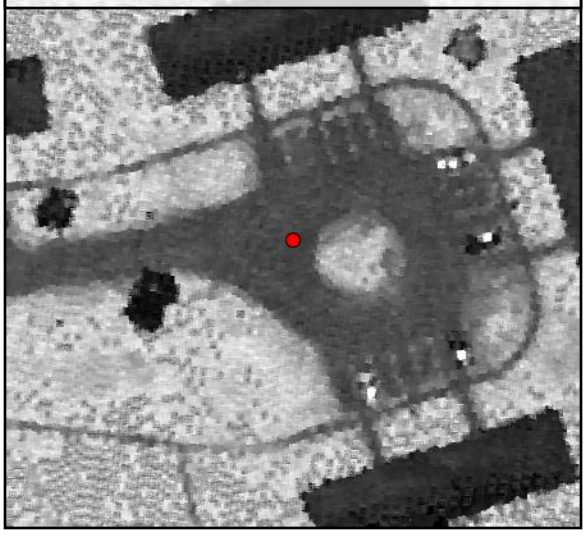
South to North



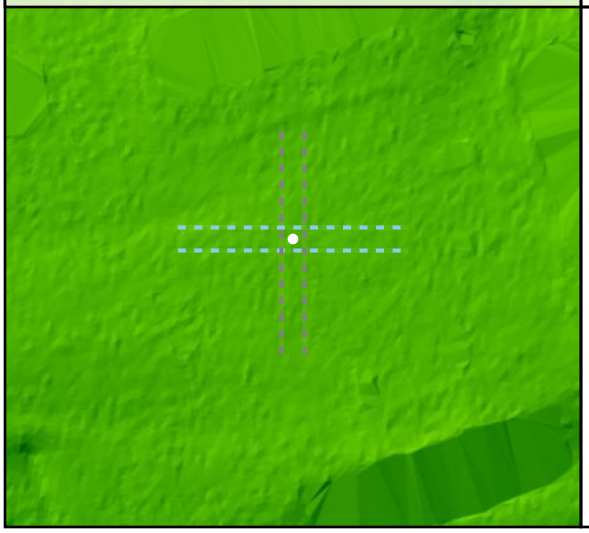
West to East



Intensity Raster

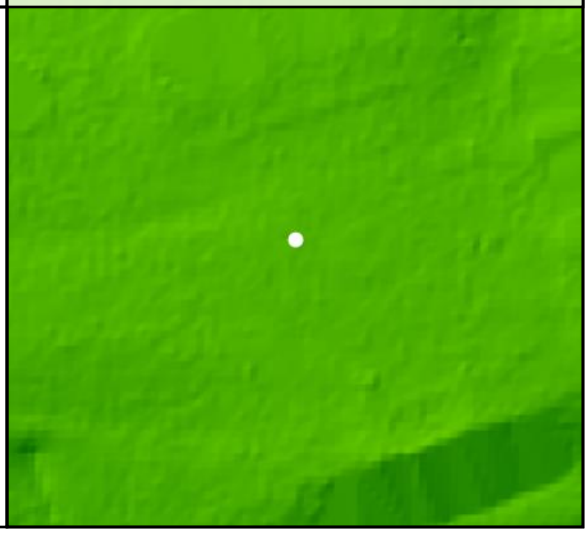


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

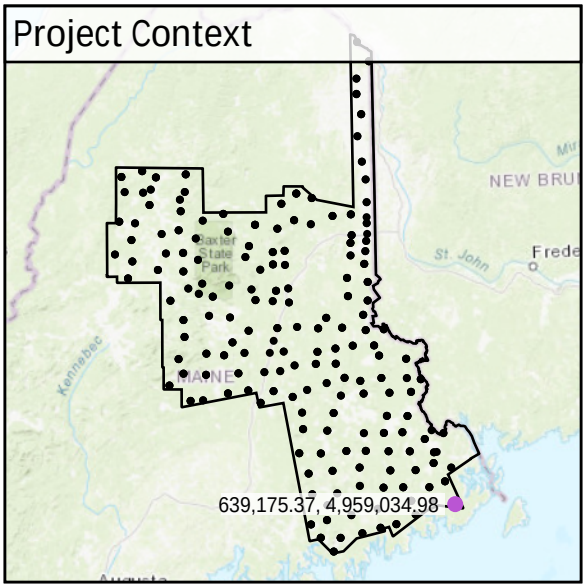
CAL - CA129

All Points TIN Dz +0.08 m

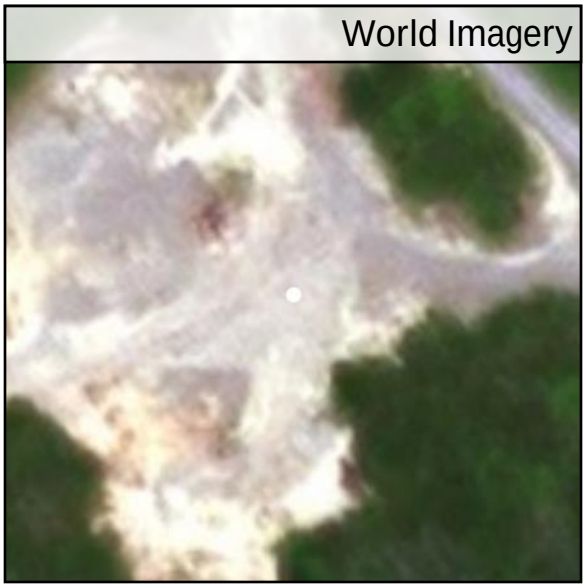
CA13

Known Z	34.29 m	Point Density	2.33 ppsm
DEM Dz	0.01 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.01 m	Slope	1.70 °

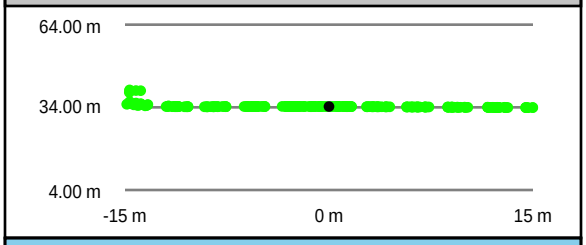
Project Context



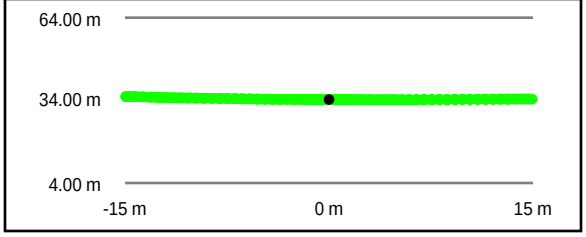
World Imagery



Southeast to Northwest

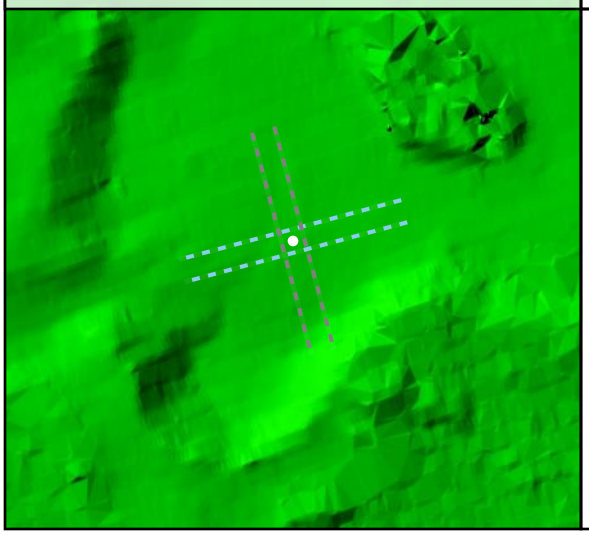


Southwest to Northeast

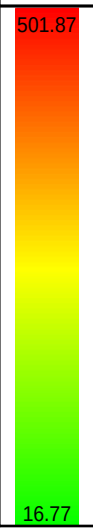


Intensity Raster

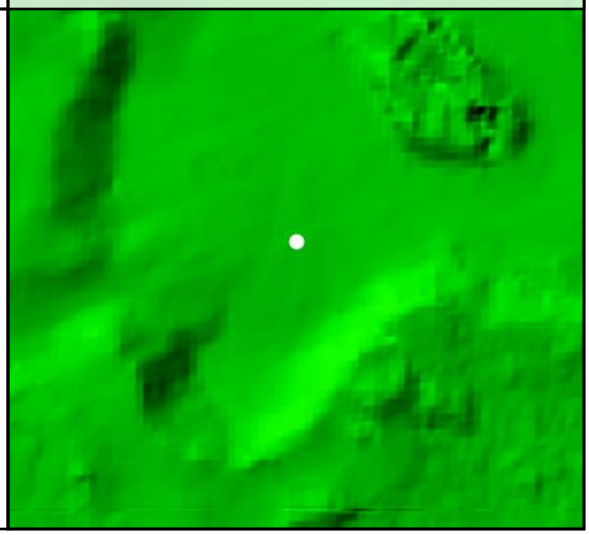
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

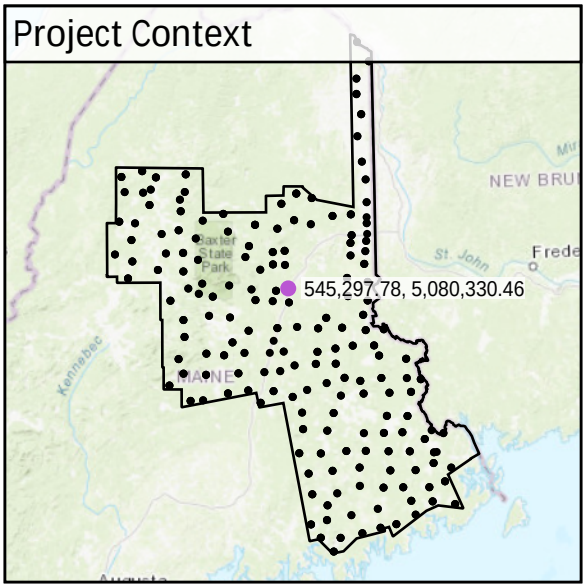
CAL - CA13

All Points TIN Dz +0.01 m

CA130

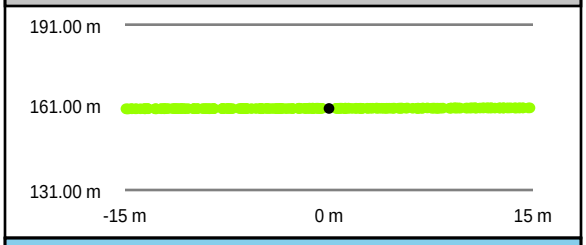
Known Z	160.59 m	Point Density	2.23 ppsm
DEM Dz	0.06 m	Ground Density	2.23 ppsm
All Points TIN Dz	0.06 m	Slope	1.20 °

Project Context

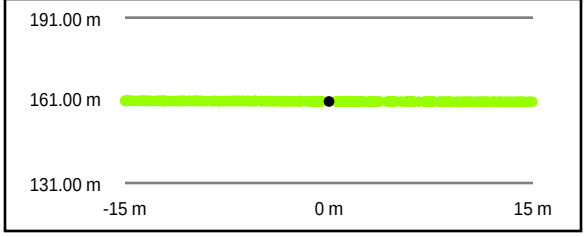


World Imagery

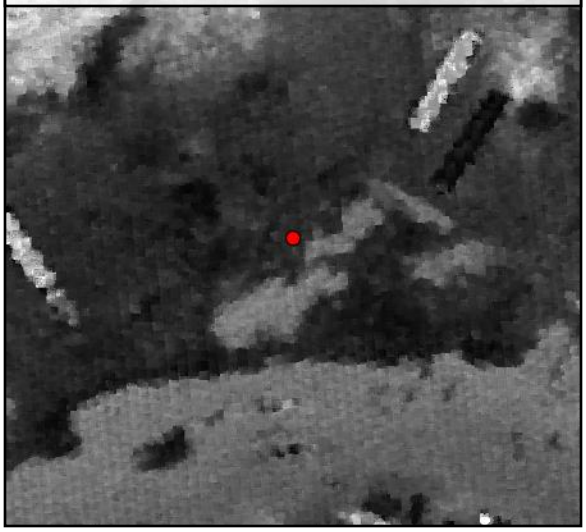
Southeast to Northwest



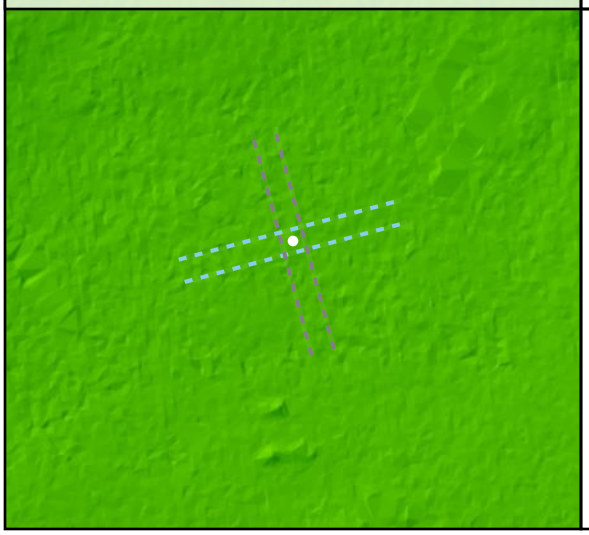
Southwest to Northeast



Intensity Raster

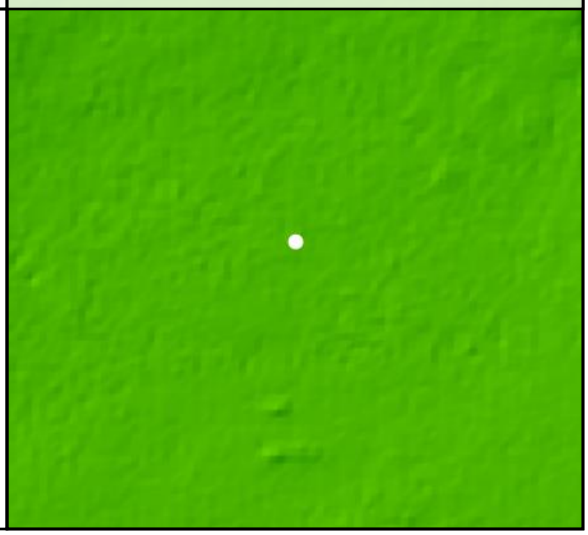


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

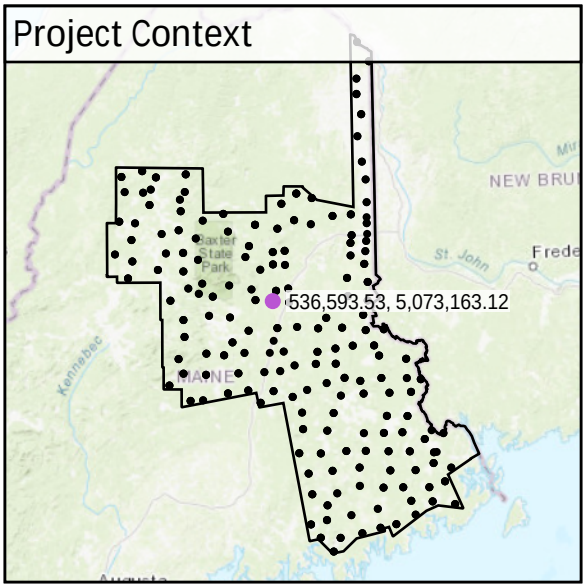
CAL - CA130

All Points TIN Dz +0.06 m

CA131

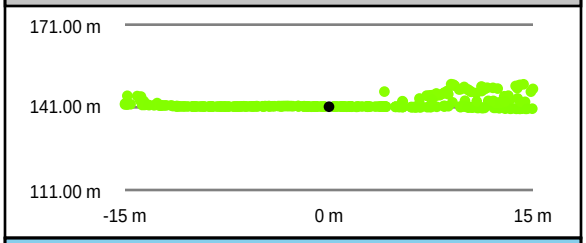
Known Z	141.22 m	Point Density	2.58 ppsm
DEM Dz	0.07 m	Ground Density	2.58 ppsm
All Points TIN Dz	0.07 m	Slope	2.24 °

Project Context

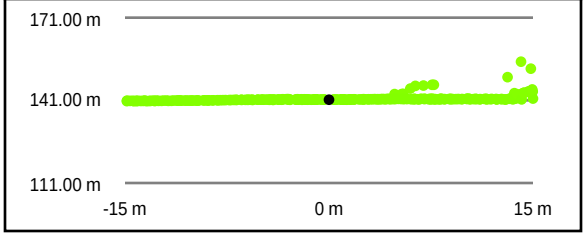


World Imagery

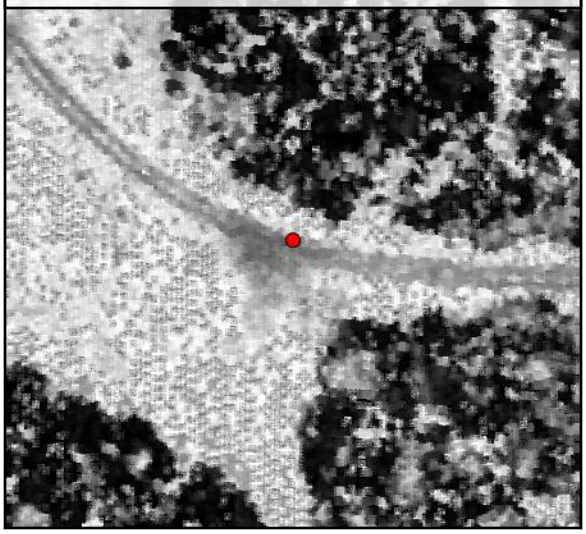
Southeast to Northwest



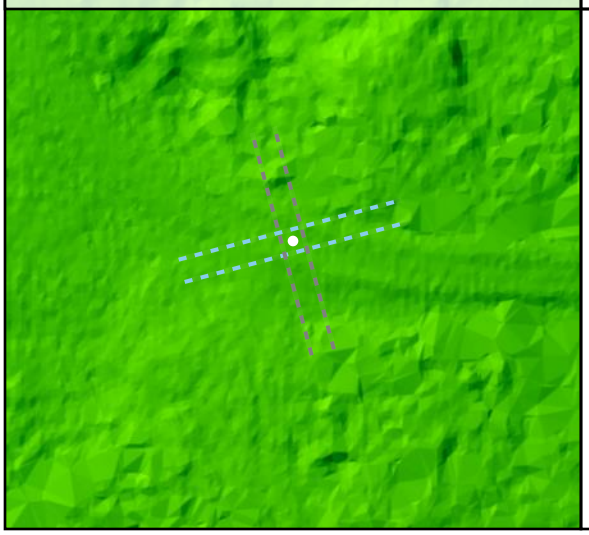
Southwest to Northeast



Intensity Raster

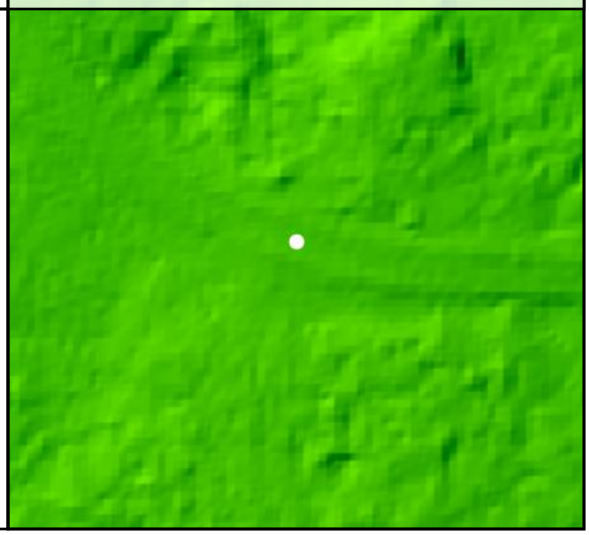


TIN Surface



Project Elevation

DEM Surface



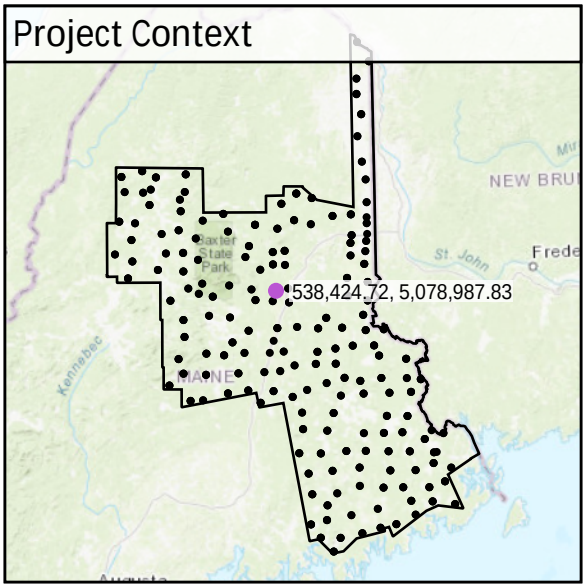
DEM Dz +0.07 m

CAL - CA131

All Points TIN Dz +0.07 m

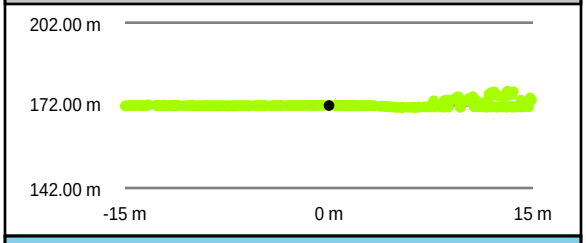
CA132				
	Known Z	171.93 m	Point Density	2.41 ppsm
	DEM Dz	0.08 m	Ground Density	2.41 ppsm
	All Points TIN Dz	0.08 m	Slope	1.68 °

Project Context

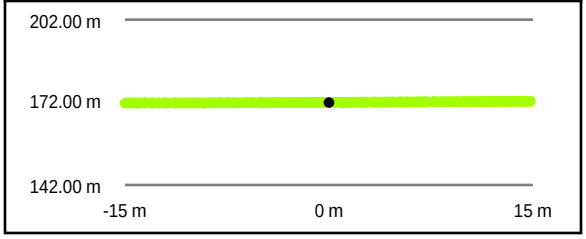


World Imagery

Southwest to Northeast

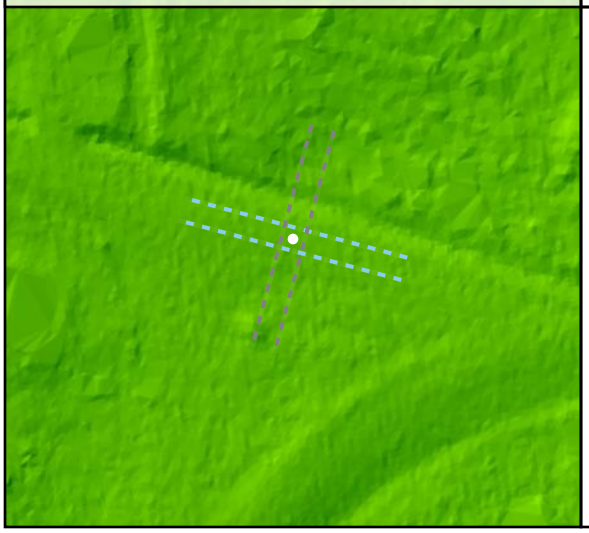


Southeast to Northwest



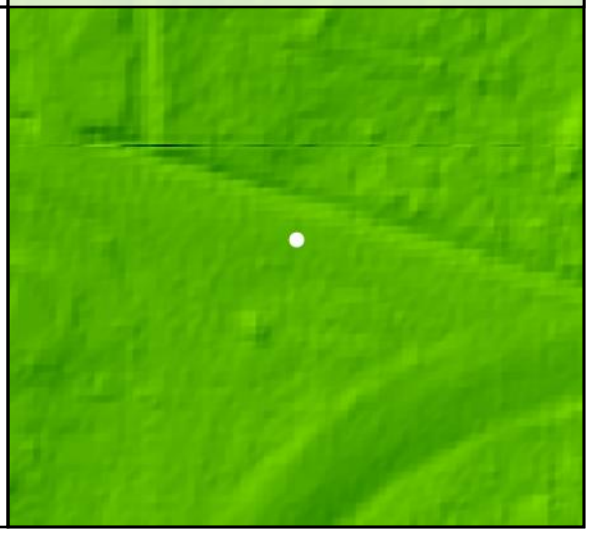
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

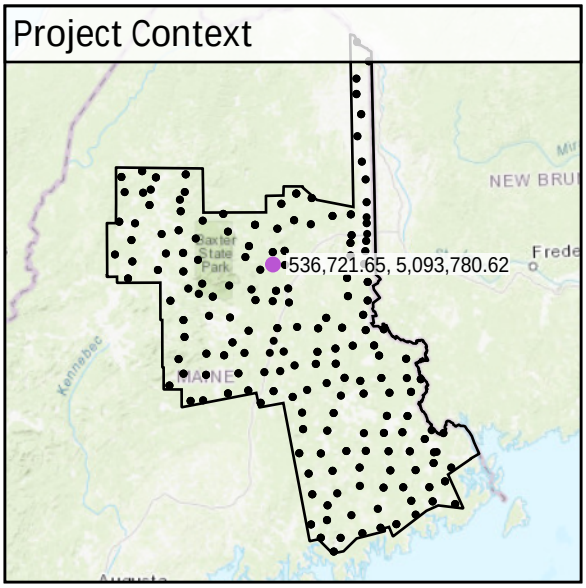
CAL - CA132

All Points TIN Dz +0.08 m

CA133

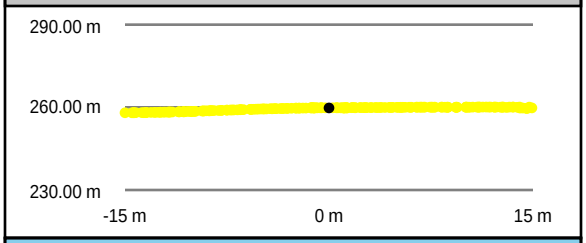
Known Z	259.78 m	Point Density	2.02 ppsm
DEM Dz	0.05 m	Ground Density	2.02 ppsm
All Points TIN Dz	0.05 m	Slope	2.83 °

Project Context

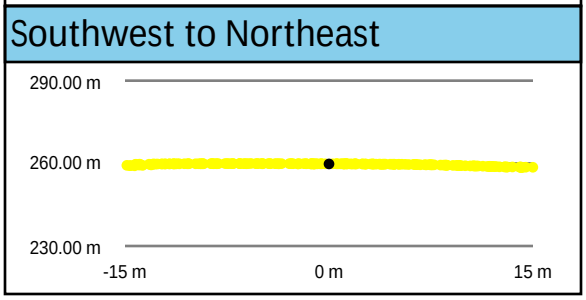


World Imagery

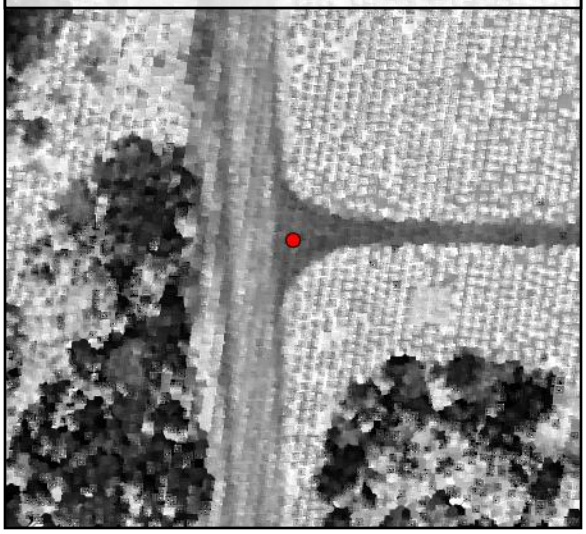
Southeast to Northwest



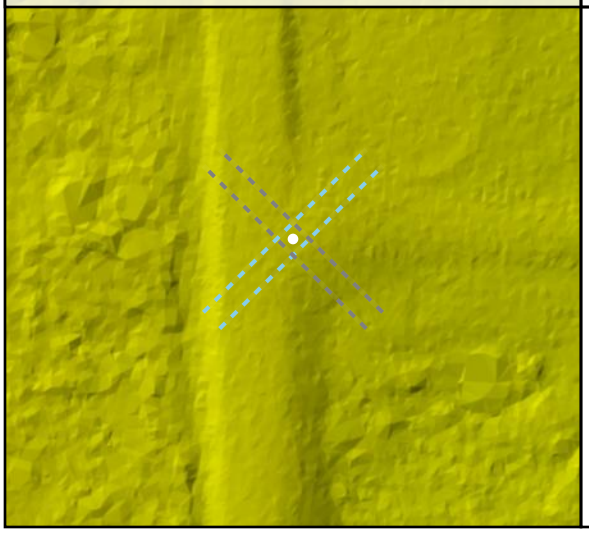
Southwest to Northeast



Intensity Raster

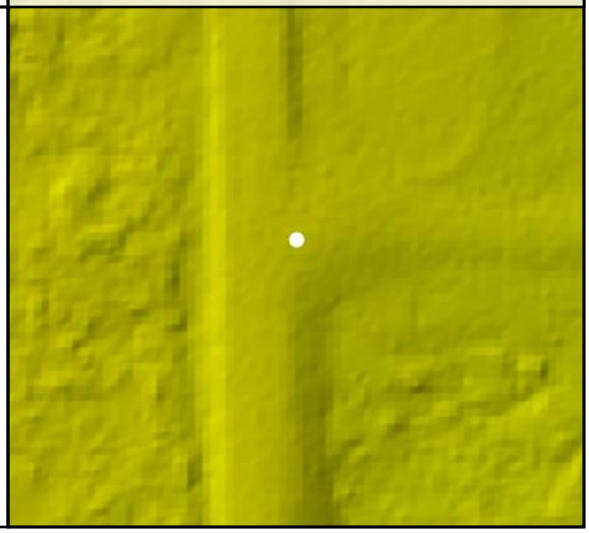


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

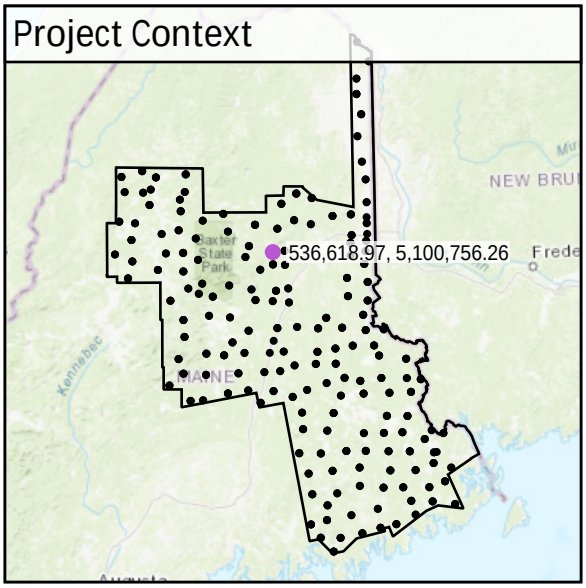
CAL - CA133

All Points TIN Dz +0.05 m

CA134

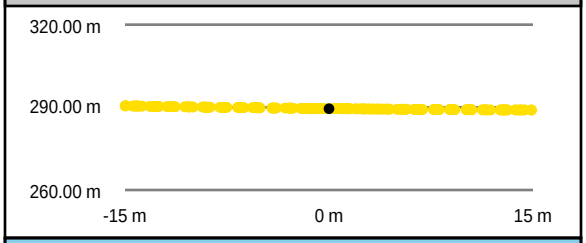
Known Z	289.50 m	Point Density	2.83 ppsm
DEM Dz	0.04 m	Ground Density	2.83 ppsm
All Points TIN Dz	0.03 m	Slope	3.09 °

Project Context

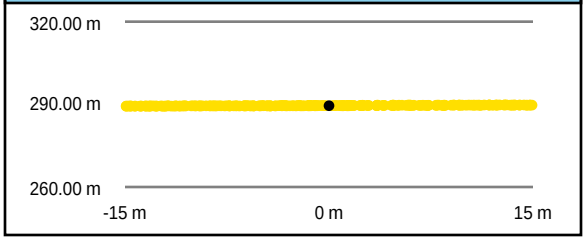


World Imagery

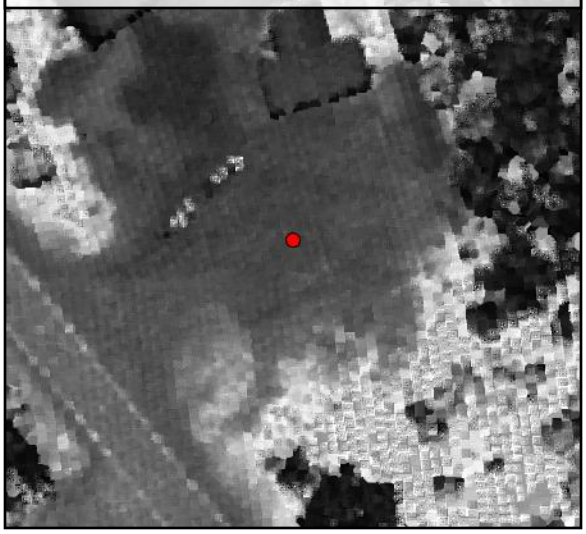
Southwest to Northeast



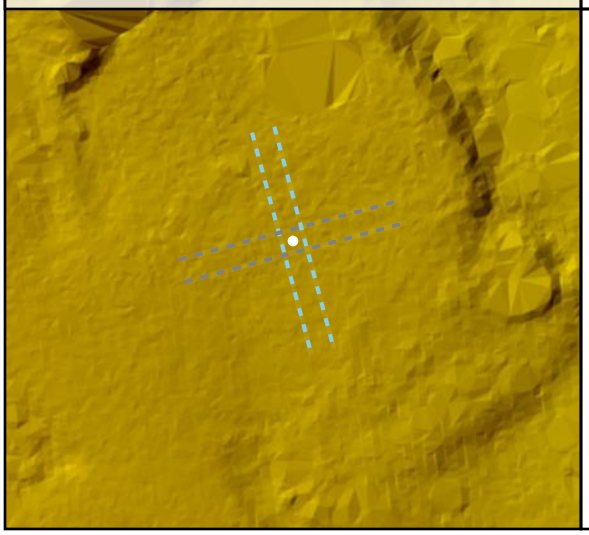
Southeast to Northwest



Intensity Raster

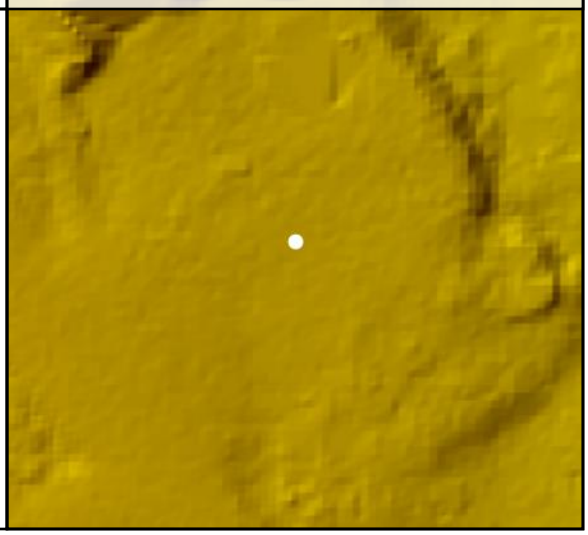


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

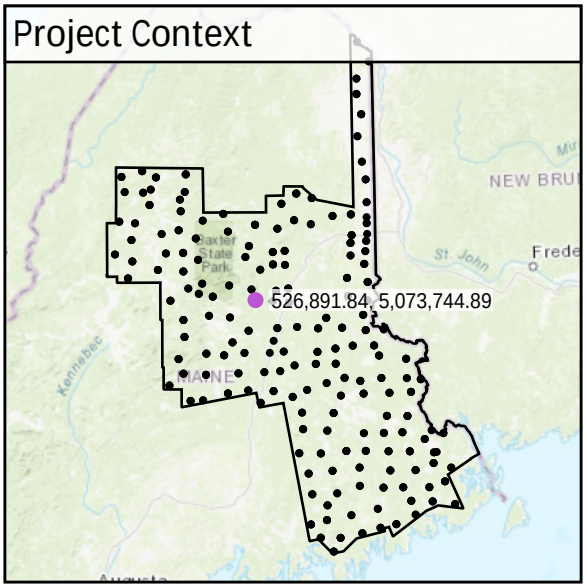
CAL - CA134

All Points TIN Dz +0.03 m

CA135

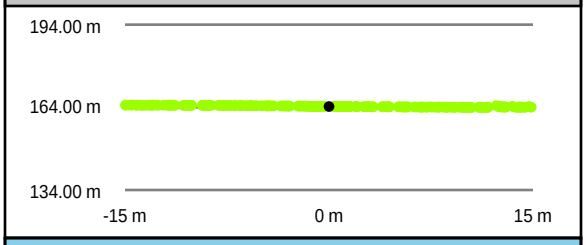
Known Z	164.29 m	Point Density	2.30 ppsm
DEM Dz	0.03 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.01 m	Slope	2.39 °

Project Context

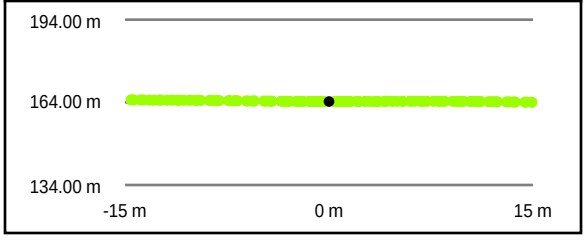


World Imagery

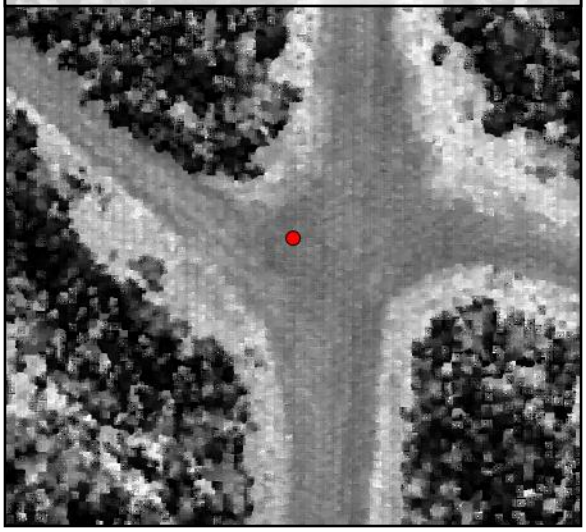
South to North



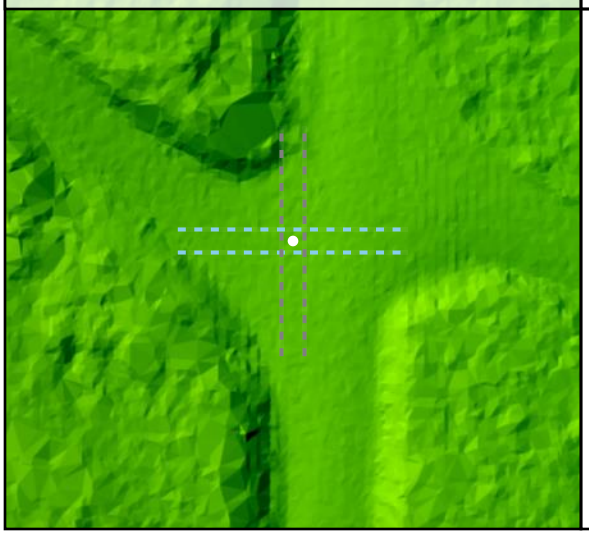
West to East



Intensity Raster

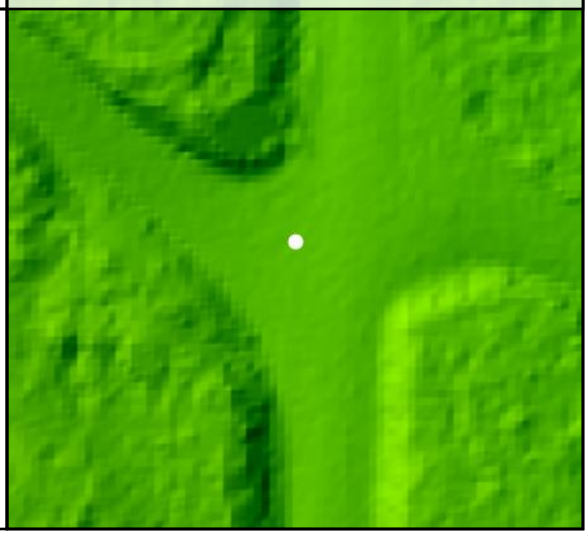


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

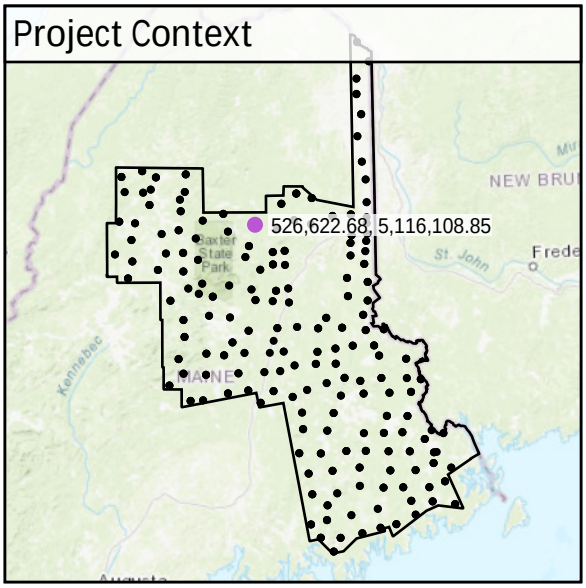
CAL - CA135

All Points TIN Dz +0.01 m

CA136

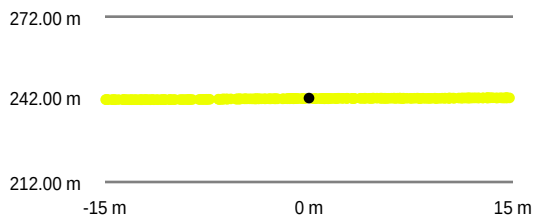
Known Z	242.45 m	Point Density	2.51 ppsm
DEM Dz	-0.19 m	Ground Density	2.51 ppsm
All Points TIN Dz	-0.19 m	Slope	2.16 °

Project Context

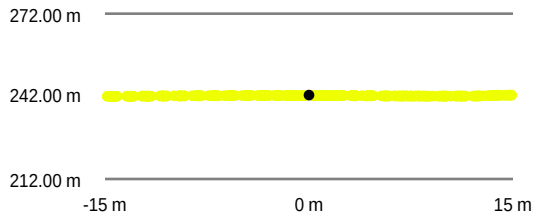


World Imagery

Southeast to Northwest

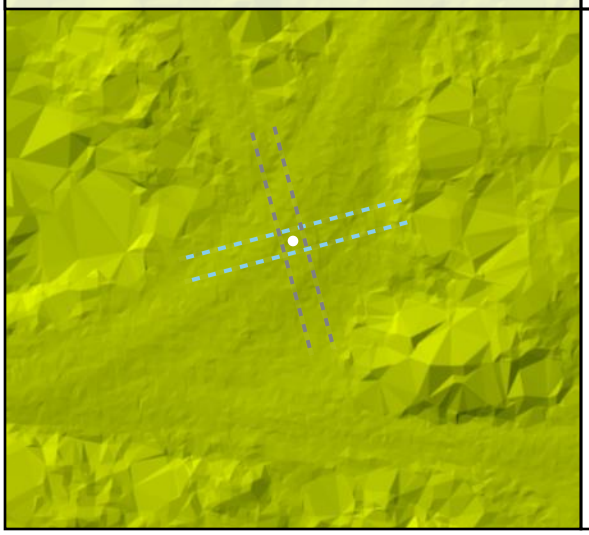


Southwest to Northeast



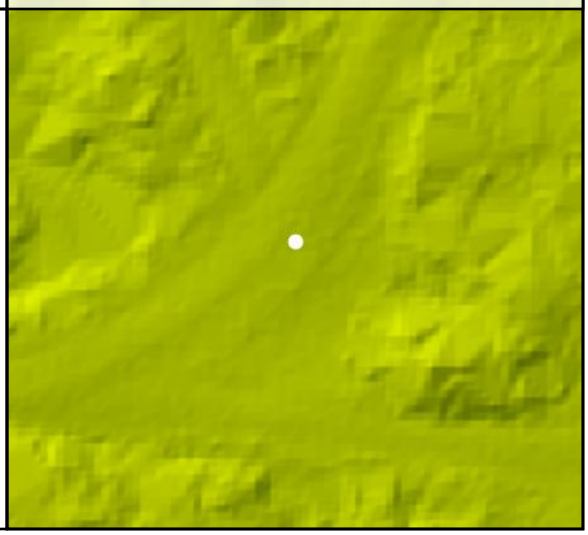
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

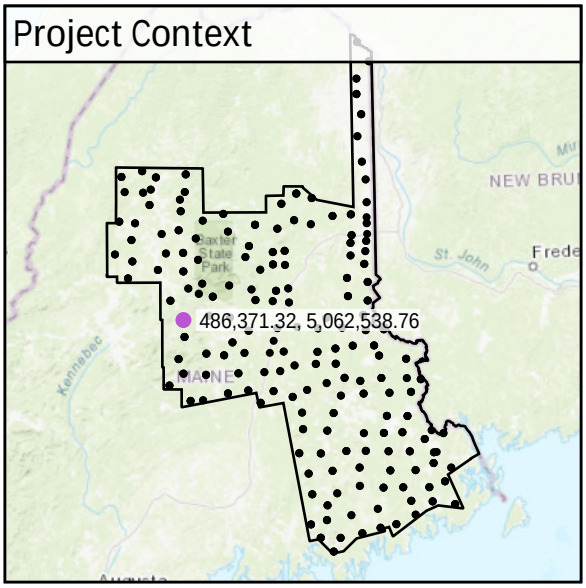


All Points TIN Dz -0.19 m | CAL - CA136 | DEM Dz -0.19 m

CA137

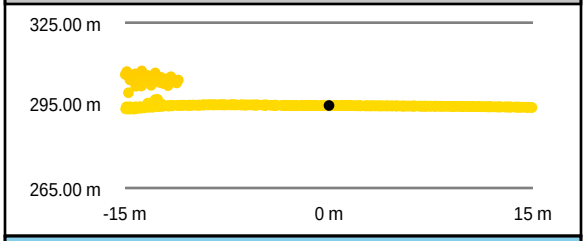
Known Z	294.94 m	Point Density	2.83 ppsm
DEM Dz	-0.03 m	Ground Density	2.83 ppsm
All Points TIN Dz	-0.03 m	Slope	1.44 °

Project Context

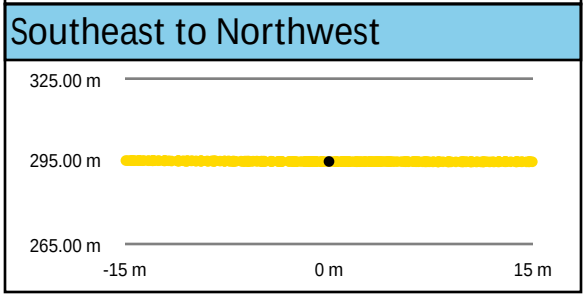


World Imagery

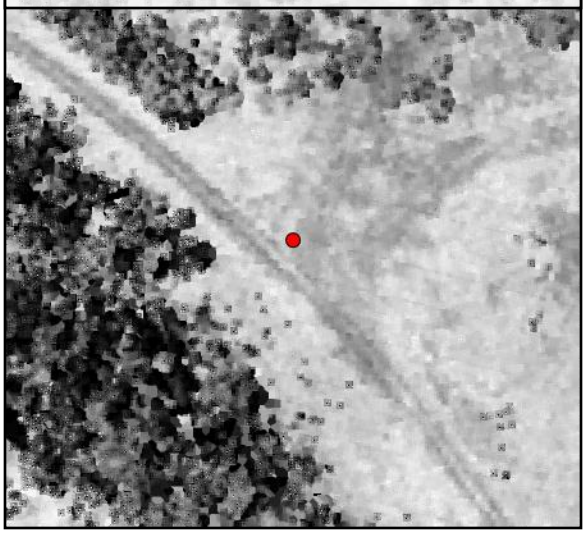
Southwest to Northeast



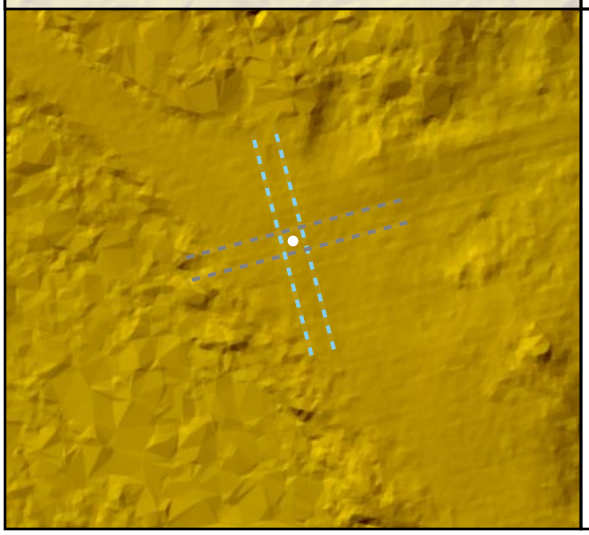
Southeast to Northwest



Intensity Raster

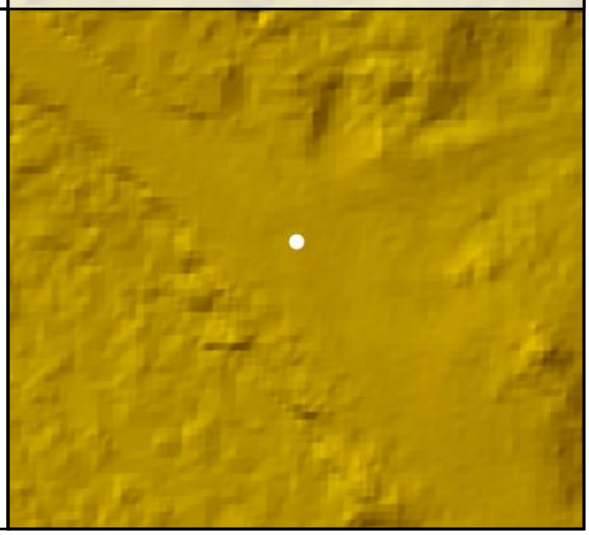


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

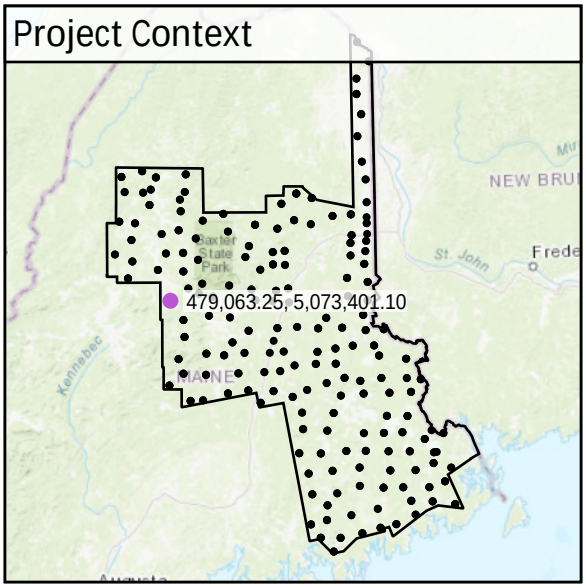
CAL - CA137

All Points TIN Dz -0.03 m

CA138

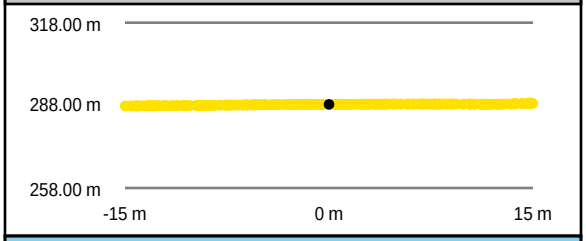
Known Z	288.34 m	Point Density	3.18 ppsm
DEM Dz	0.04 m	Ground Density	3.15 ppsm
All Points TIN Dz	0.04 m	Slope	1.36 °

Project Context

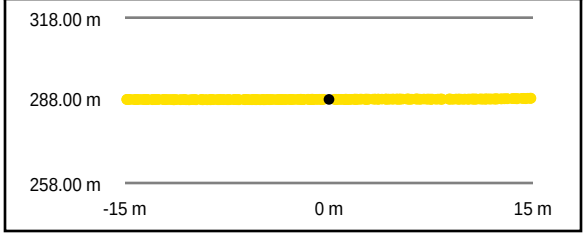


World Imagery

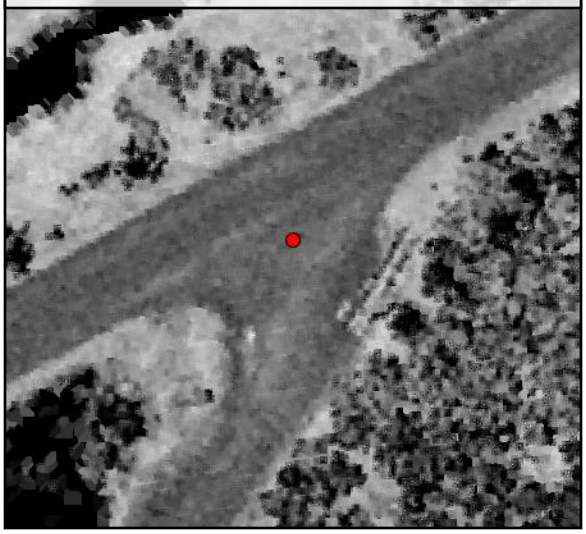
Southeast to Northwest



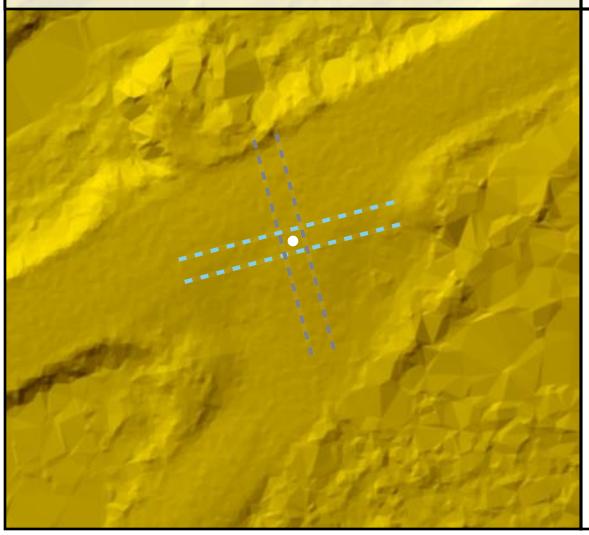
Southwest to Northeast



Intensity Raster

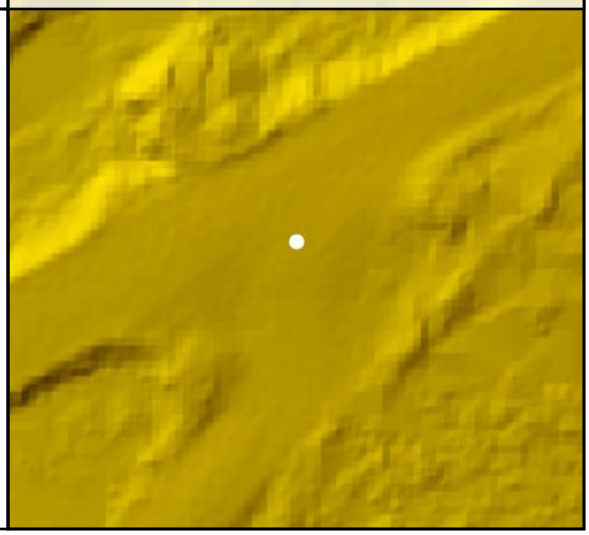


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

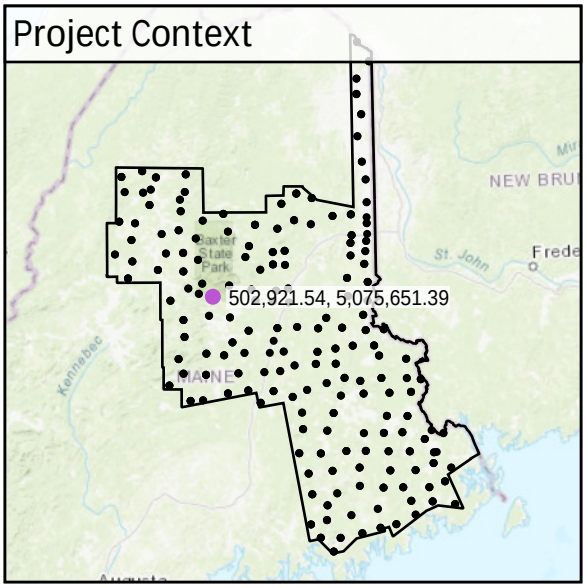
CAL - CA138

All Points TIN Dz +0.04 m

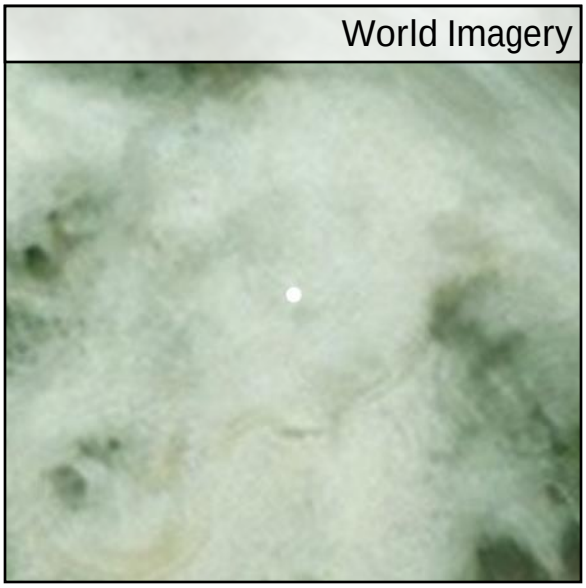
CA139

Known Z	180.21 m	Point Density	2.72 ppsm
DEM Dz	-0.02 m	Ground Density	2.72 ppsm
All Points TIN Dz	-0.01 m	Slope	0.87 °

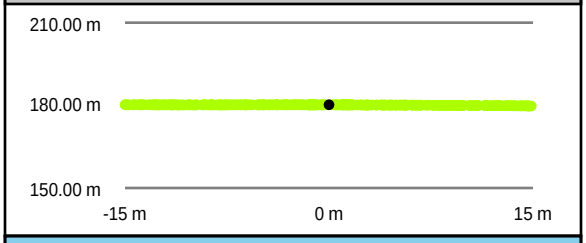
Project Context



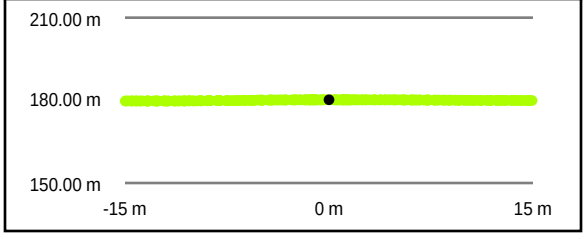
World Imagery



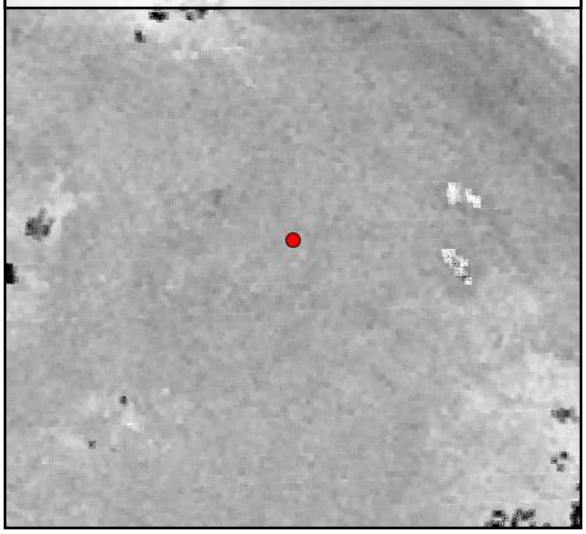
Southeast to Northwest



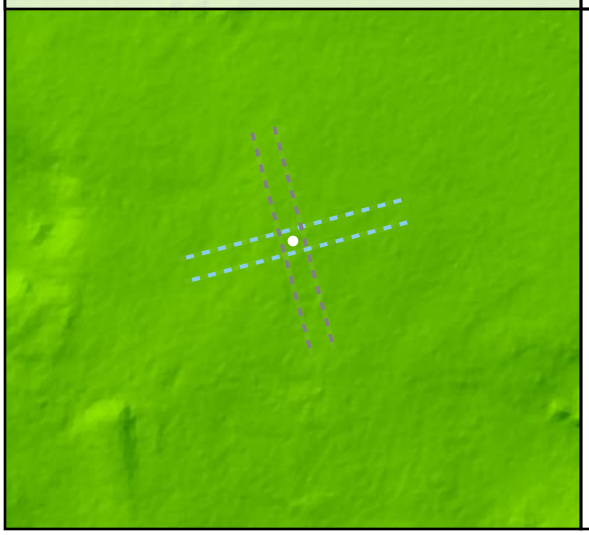
Southwest to Northeast



Intensity Raster

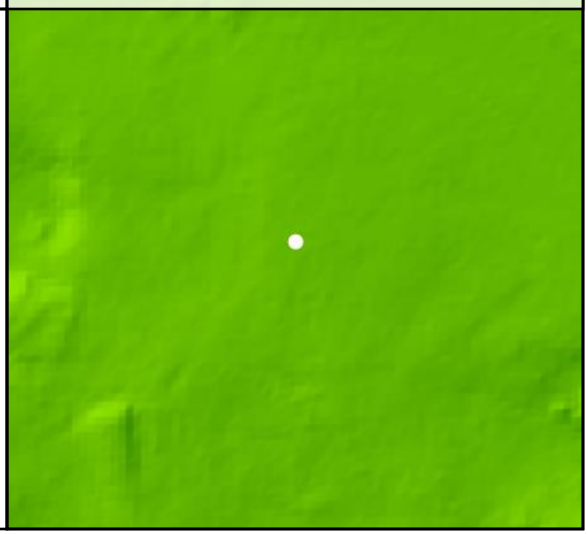


TIN Surface



Project Elevation

DEM Surface



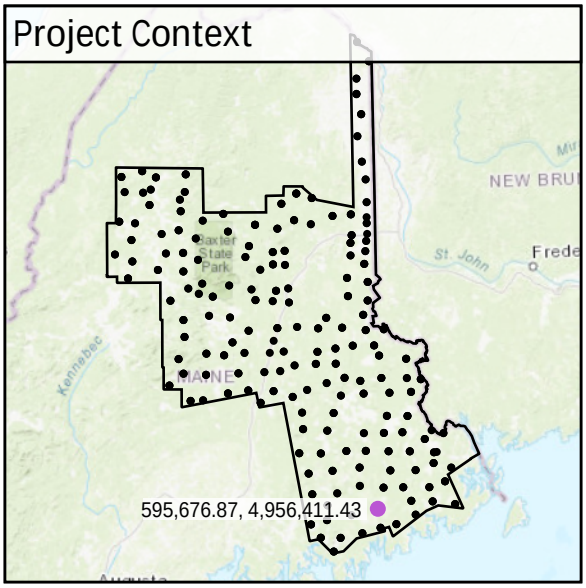
DEM Dz -0.02 m

CAL - CA139

All Points TIN Dz -0.01 m

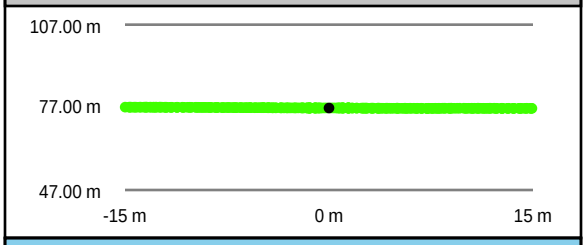
CA14				
	Known Z	76.75 m	Point Density	2.62 ppsm
	DEM Dz	0.02 m	Ground Density	2.62 ppsm
	All Points TIN Dz	0.03 m	Slope	1.27 °

Project Context

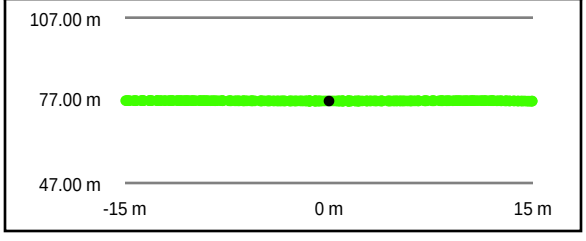


World Imagery

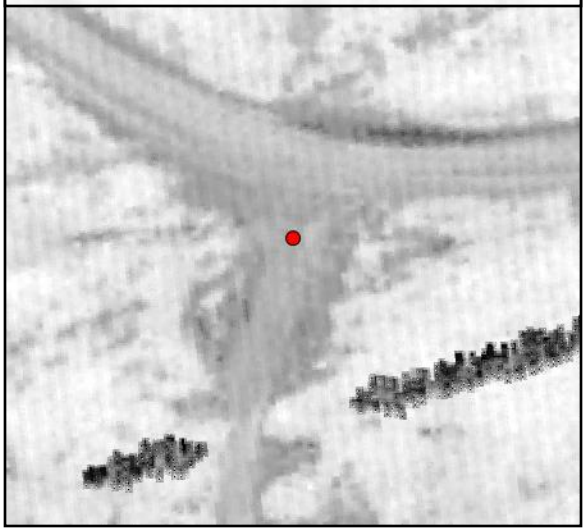
Southeast to Northwest



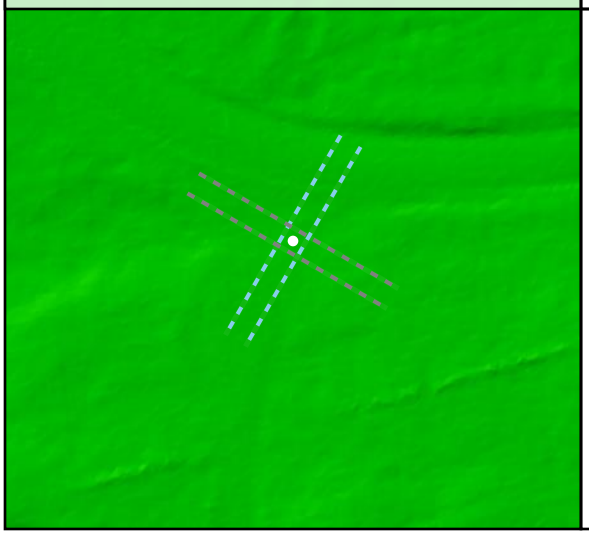
Southwest to Northeast



Intensity Raster

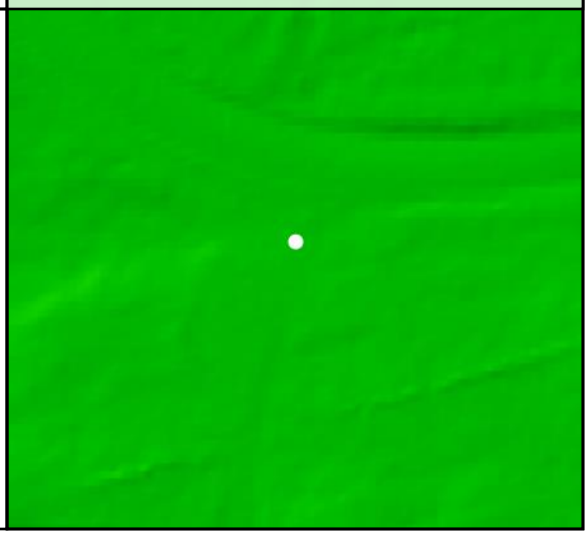


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

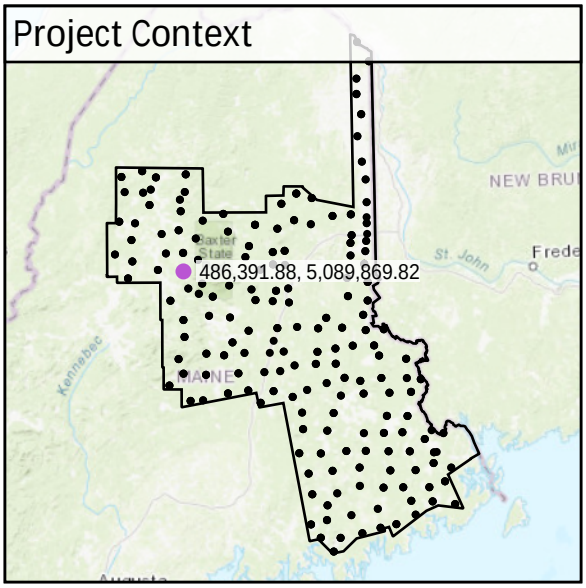
CAL - CA14

All Points TIN Dz +0.03 m

CA140

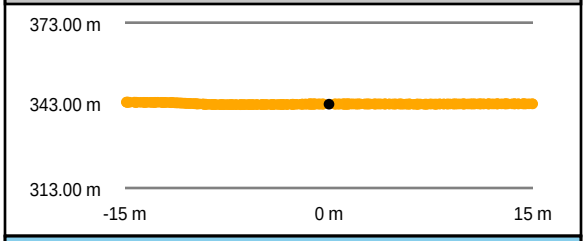
Known Z	343.42 m	Point Density	2.79 ppsm
DEM Dz	0.05 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.05 m	Slope	1.53 °

Project Context

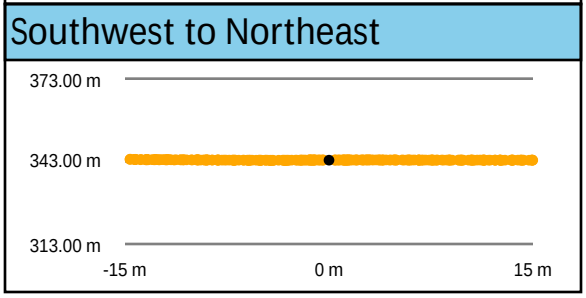


World Imagery

Southeast to Northwest

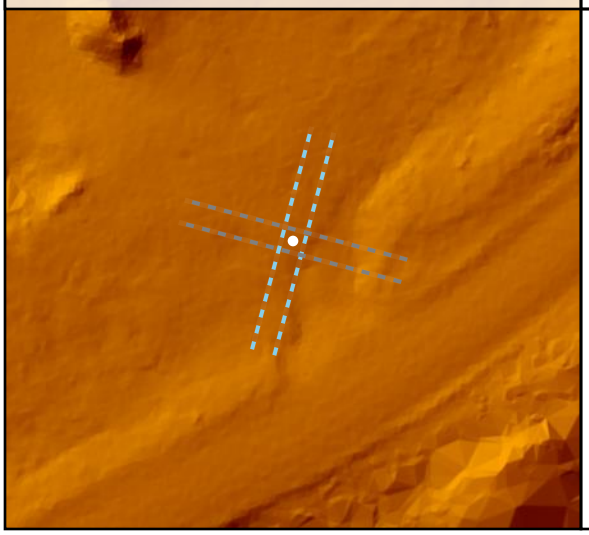


Southwest to Northeast



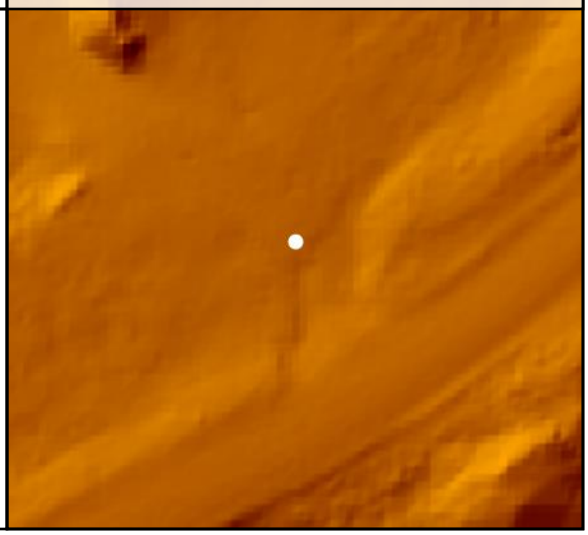
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



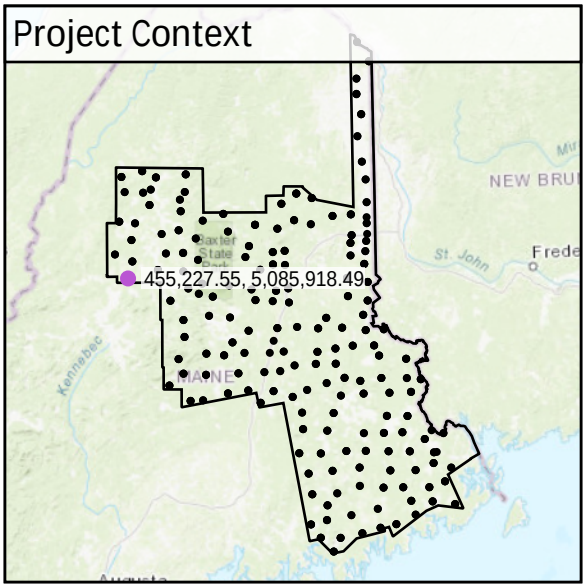
DEM Dz +0.05 m

CAL - CA140

All Points TIN Dz +0.05 m

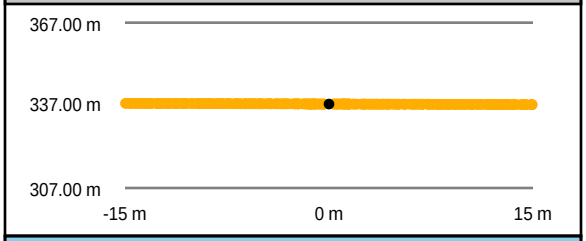
CA141				
	Known Z	337.46 m	Point Density	3.25 ppsm
	DEM Dz	0.00 m	Ground Density	3.25 ppsm
	All Points TIN Dz	0.00 m	Slope	1.46 °

Project Context

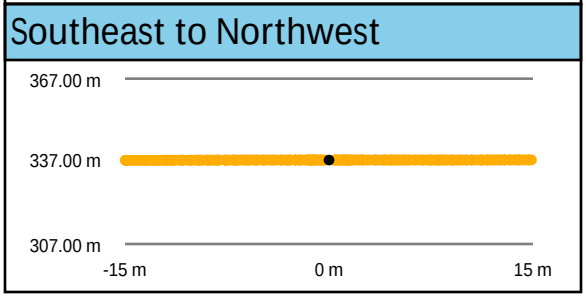


World Imagery

Southwest to Northeast

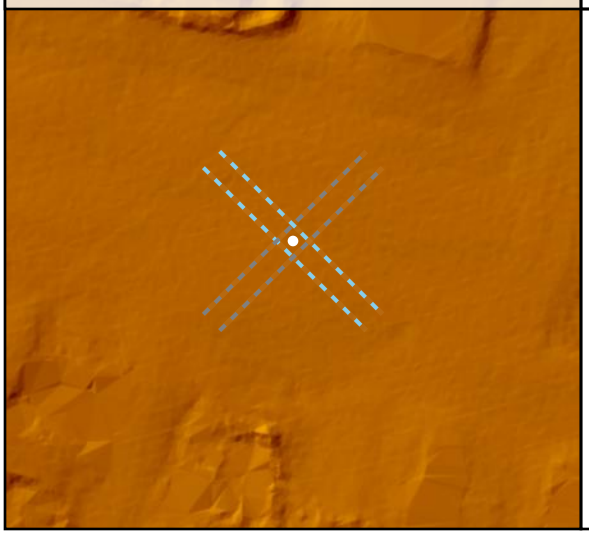


Southeast to Northwest



Intensity Raster

TIN Surface

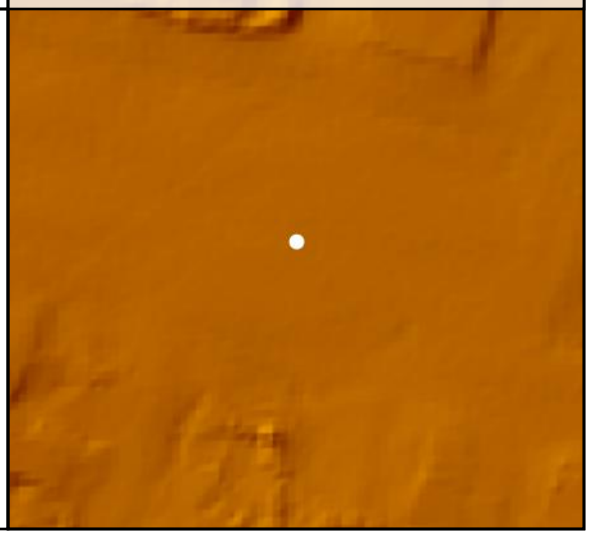


Project Elevation

501.87

16.77

DEM Surface



DEM Dz +0.00 m

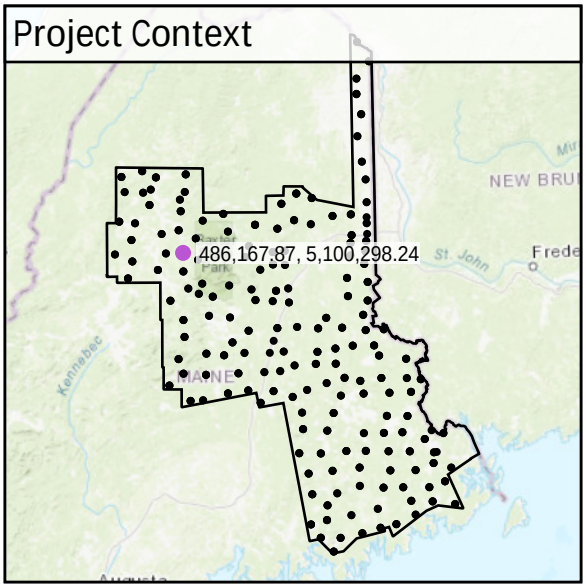
CAL - CA141

All Points TIN Dz +0.00 m

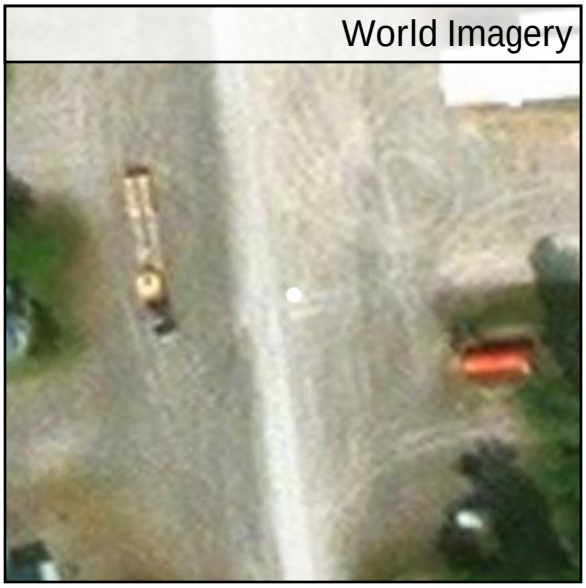
CA142

Known Z	373.27 m	Point Density	6.15 ppsm
DEM Dz	0.06 m	Ground Density	6.15 ppsm
All Points TIN Dz	0.07 m	Slope	4.61 °

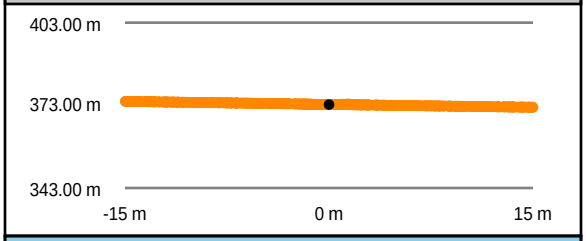
Project Context



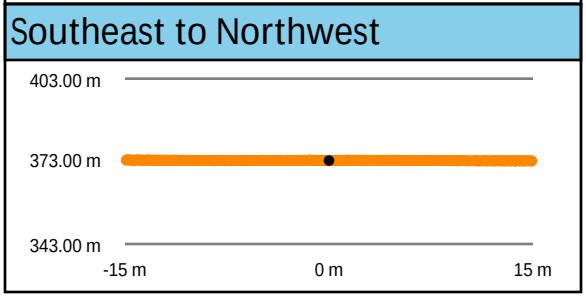
World Imagery



Southwest to Northeast

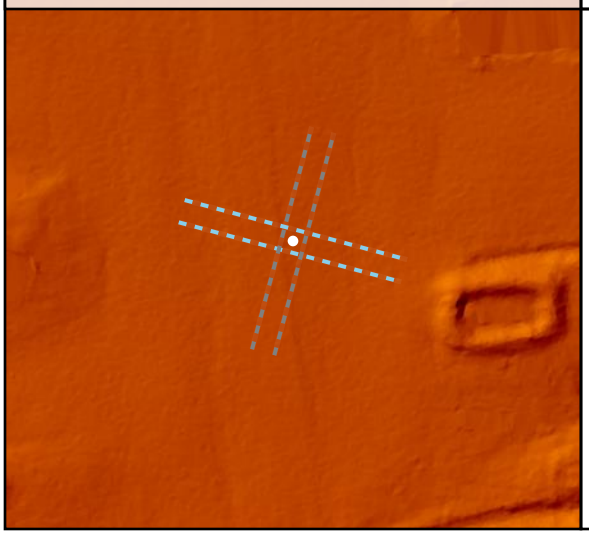


Southeast to Northwest



Intensity Raster

TIN Surface

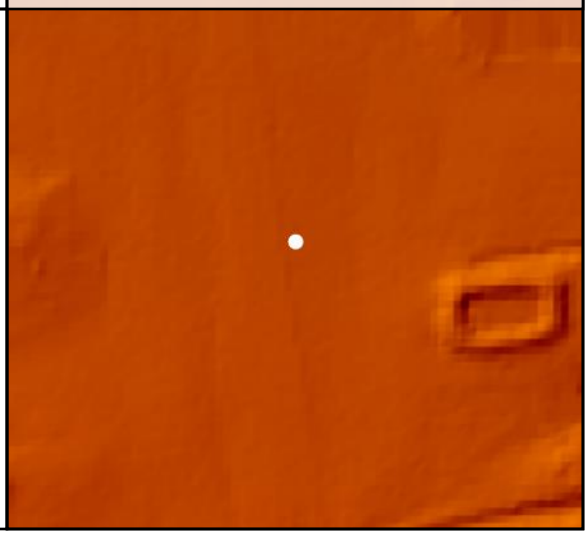


Project Elevation

501.87

16.77

DEM Surface



DEM Dz +0.06 m

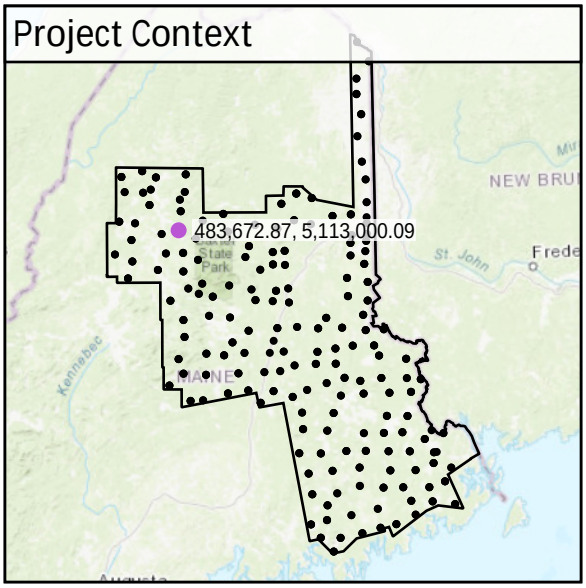
CAL - CA142

All Points TIN Dz +0.07 m

CA143

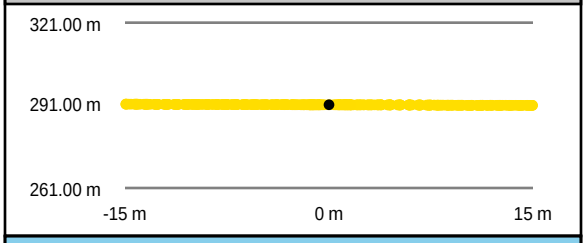
Known Z	291.21 m	Point Density	3.15 ppsm
DEM Dz	-0.01 m	Ground Density	3.15 ppsm
All Points TIN Dz	0.00 m	Slope	0.66 °

Project Context

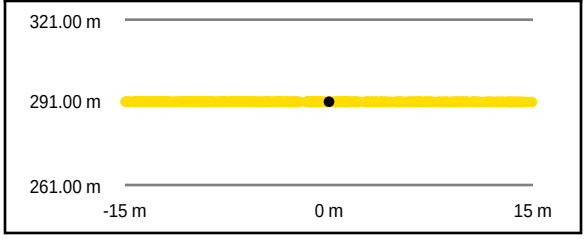


World Imagery

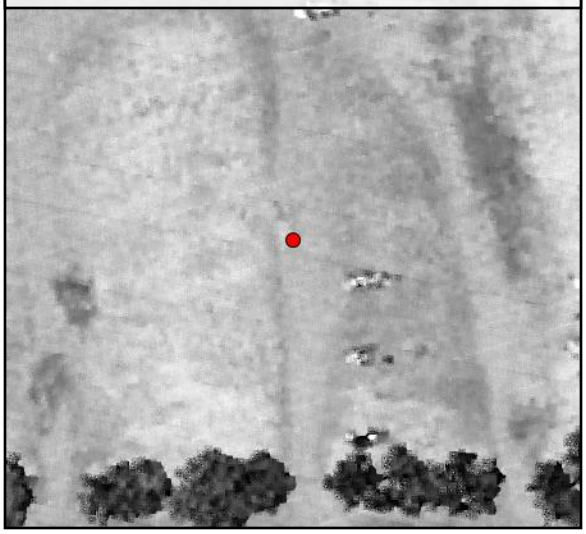
West to East



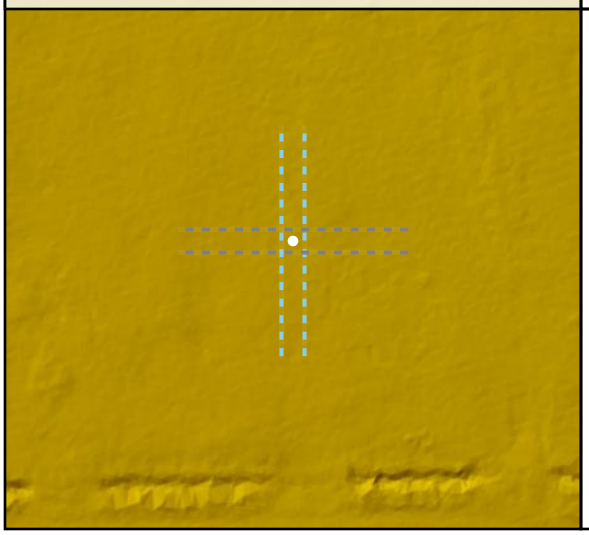
South to North



Intensity Raster

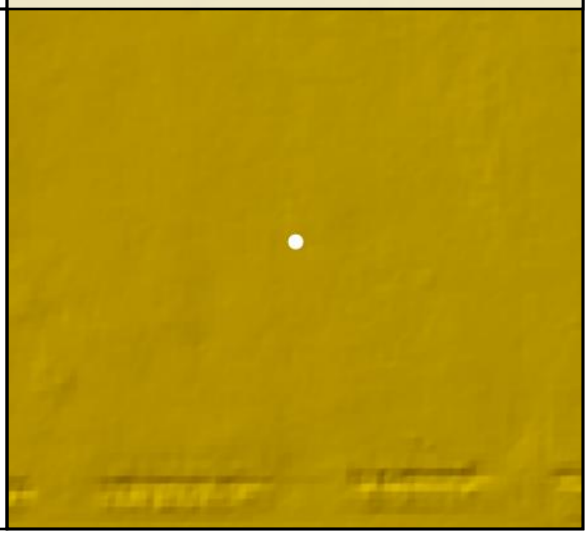


TIN Surface



Project Elevation

DEM Surface



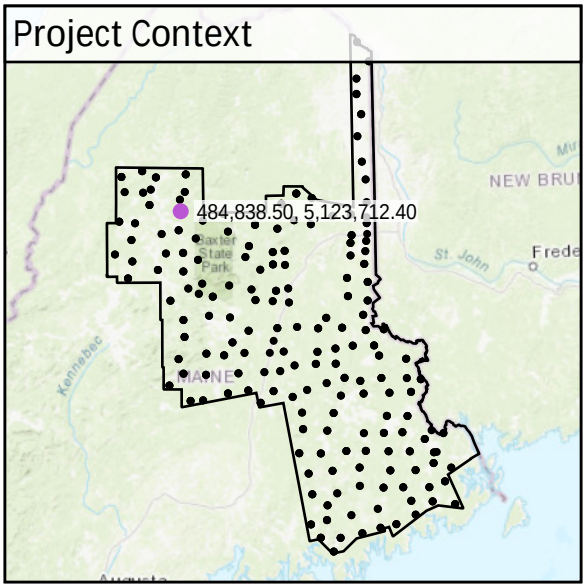
DEM Dz -0.01 m

CAL - CA143

All Points TIN Dz 0.00 m

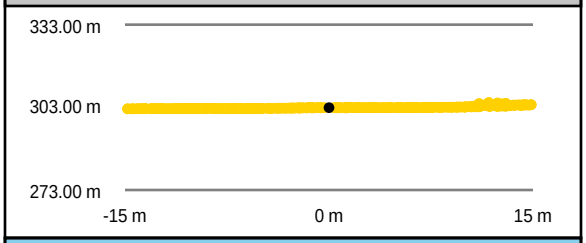
CA144				
	Known Z	302.88 m	Point Density	3.47 ppsm
	DEM Dz	-0.02 m	Ground Density	3.47 ppsm
	All Points TIN Dz	-0.02 m	Slope	1.90 °

Project Context

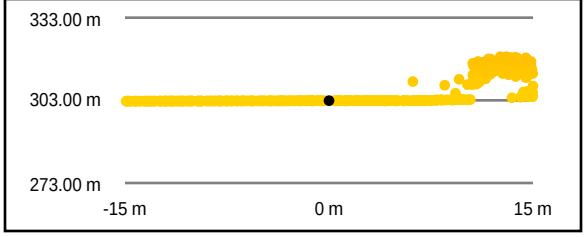


World Imagery

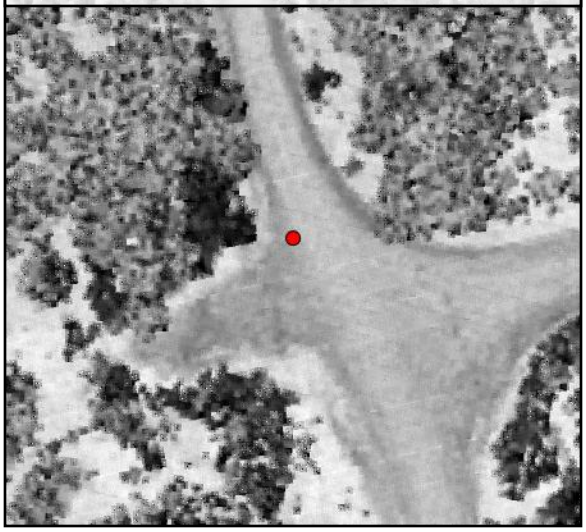
Southwest to Northeast



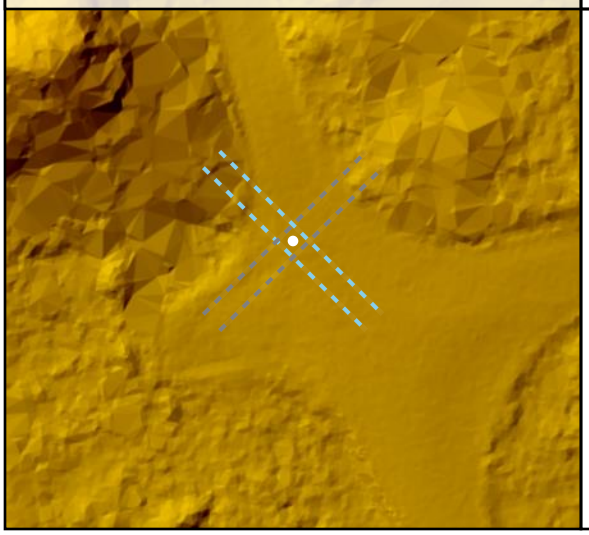
Southeast to Northwest



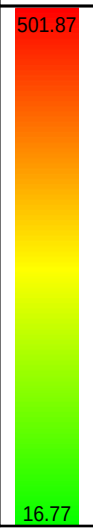
Intensity Raster



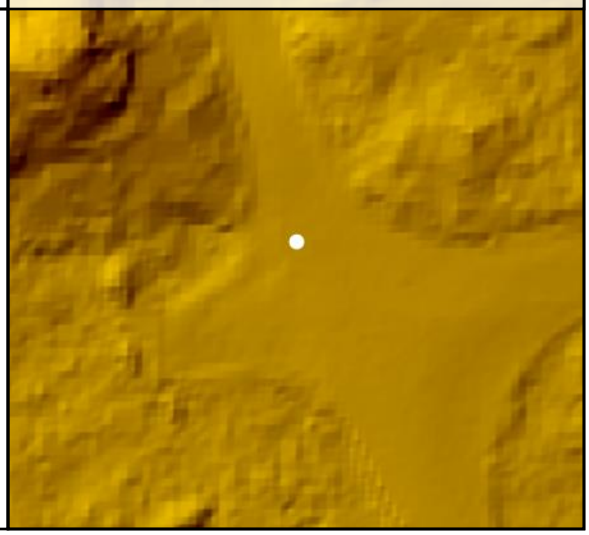
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.02 m

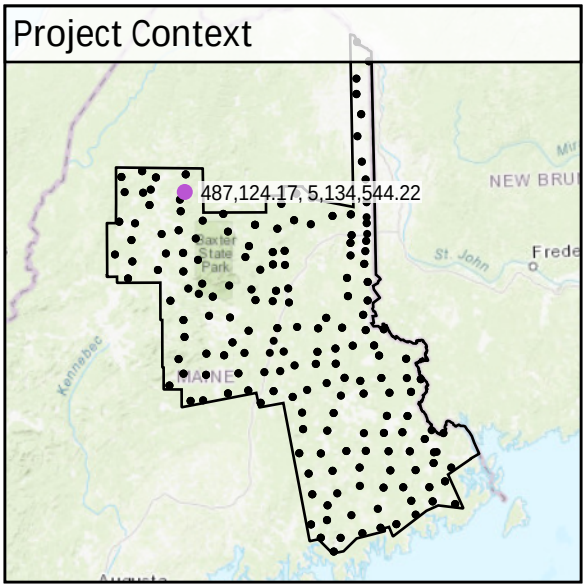
CAL - CA144

All Points TIN Dz -0.02 m

CA145

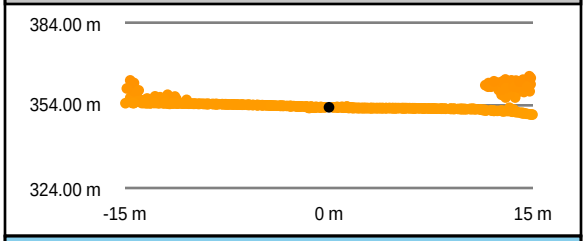
Known Z	353.29 m	Point Density	3.57 ppsm
DEM Dz	0.00 m	Ground Density	3.57 ppsm
All Points TIN Dz	0.00 m	Slope	8.41 °

Project Context

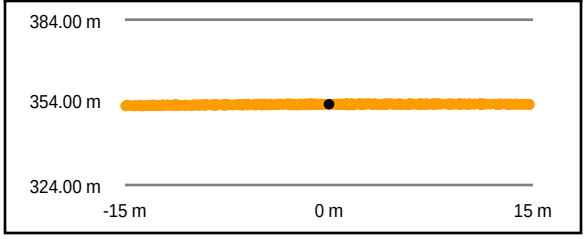


World Imagery

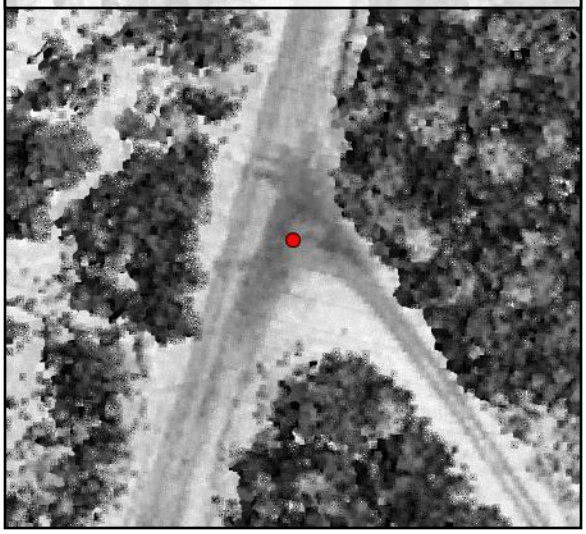
Southeast to Northwest



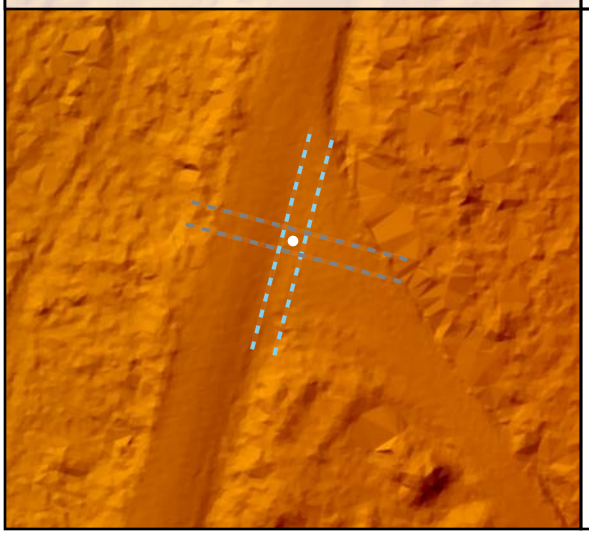
Southwest to Northeast



Intensity Raster

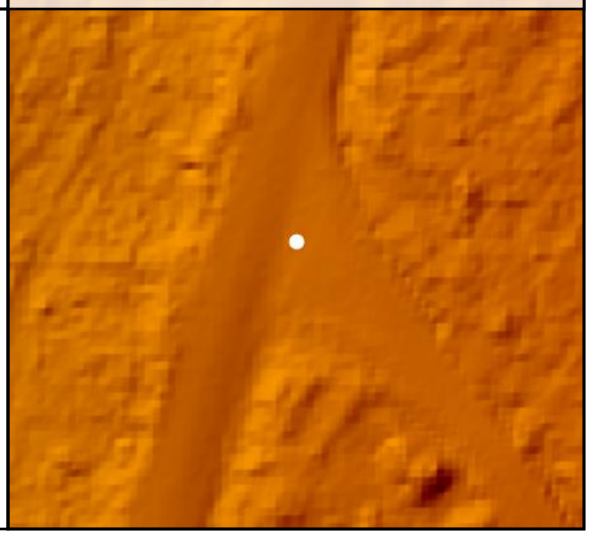


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

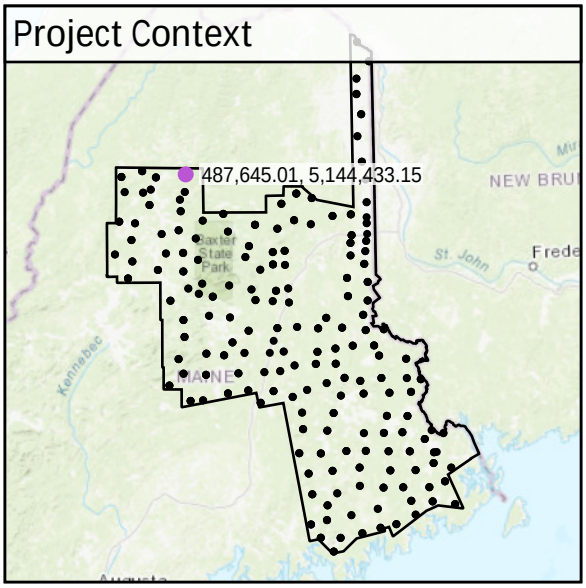
CAL - CA145

All Points TIN Dz +0.00 m

CA146

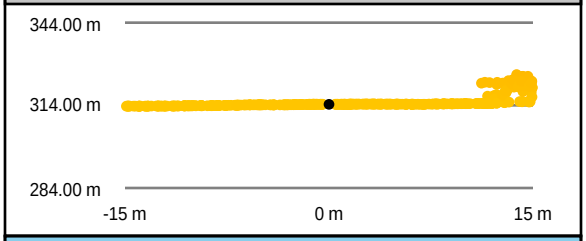
Known Z	314.36 m	Point Density	3.43 ppsm
DEM Dz	0.02 m	Ground Density	3.43 ppsm
All Points TIN Dz	0.02 m	Slope	3.22 °

Project Context

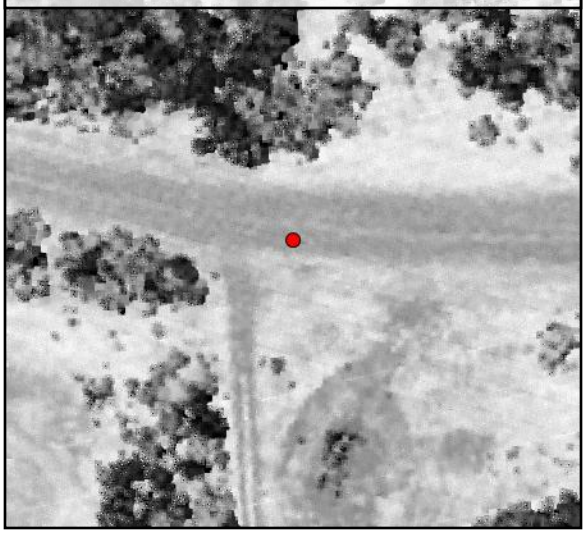


World Imagery

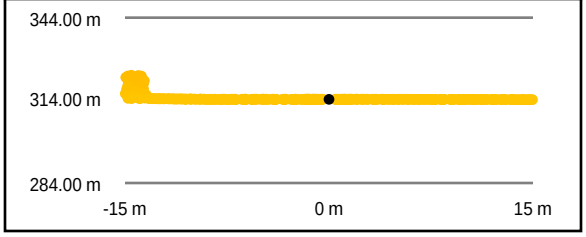
Southeast to Northwest



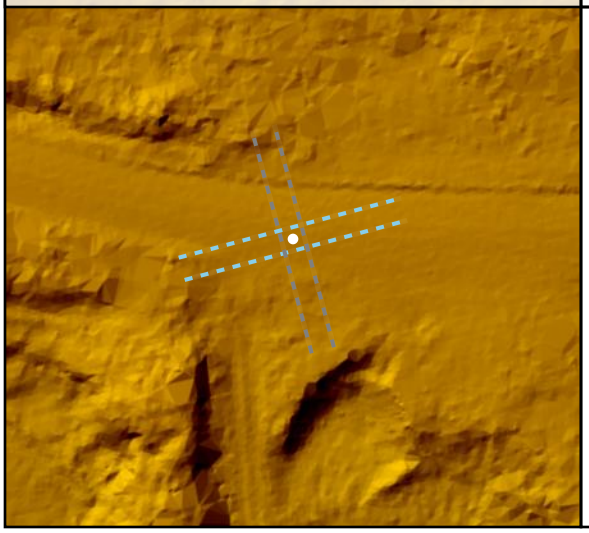
Intensity Raster



Southwest to Northeast



TIN Surface

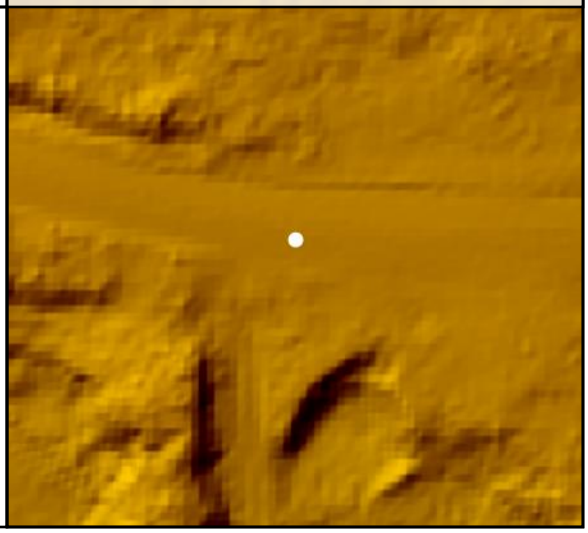


Project Elevation

501.87

16.77

DEM Surface



DEM Dz +0.02 m

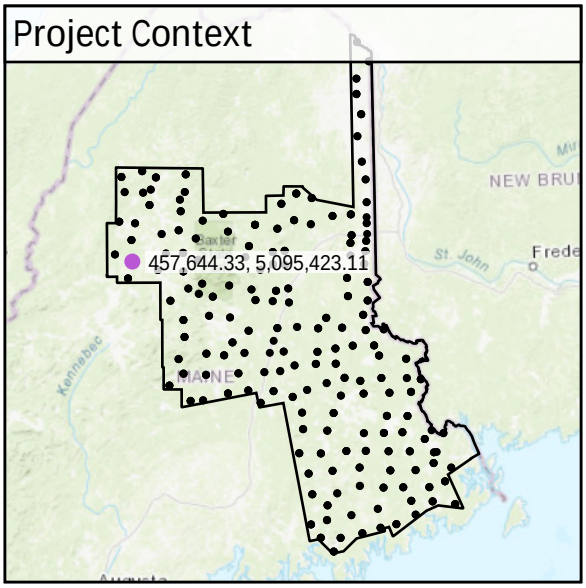
CAL - CA146

All Points TIN Dz +0.02 m

CA147

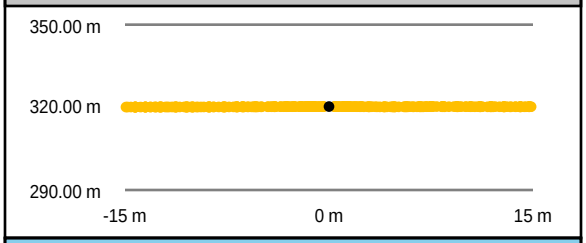
Known Z	320.28 m	Point Density	3.11 ppsm
DEM Dz	0.00 m	Ground Density	3.11 ppsm
All Points TIN Dz	0.00 m	Slope	0.43 °

Project Context

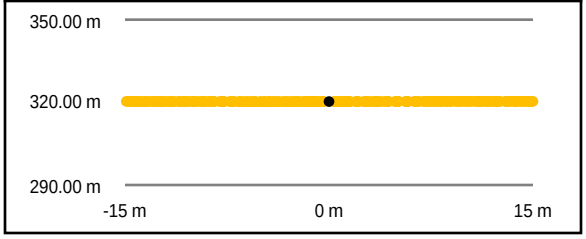


World Imagery

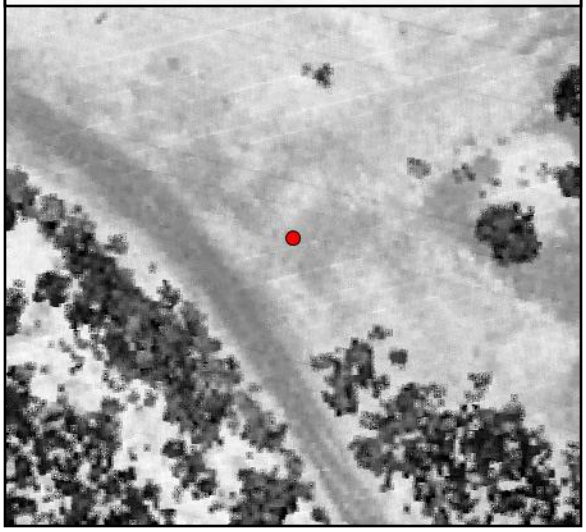
Southeast to Northwest



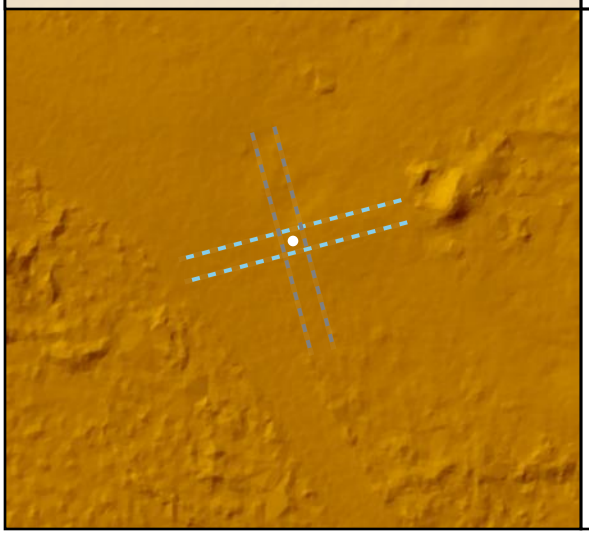
Southwest to Northeast



Intensity Raster

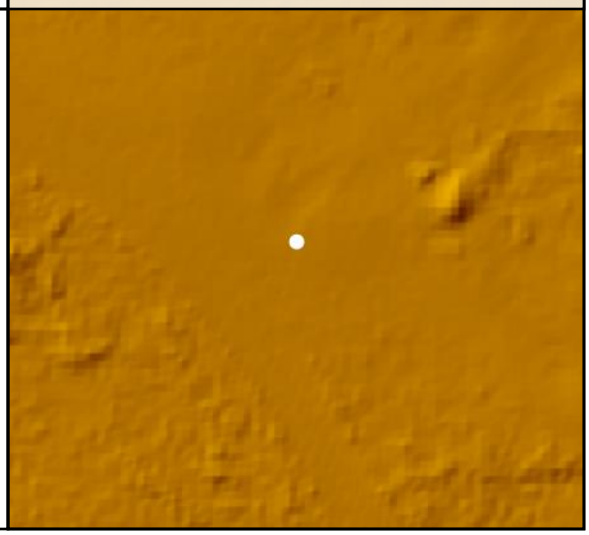


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

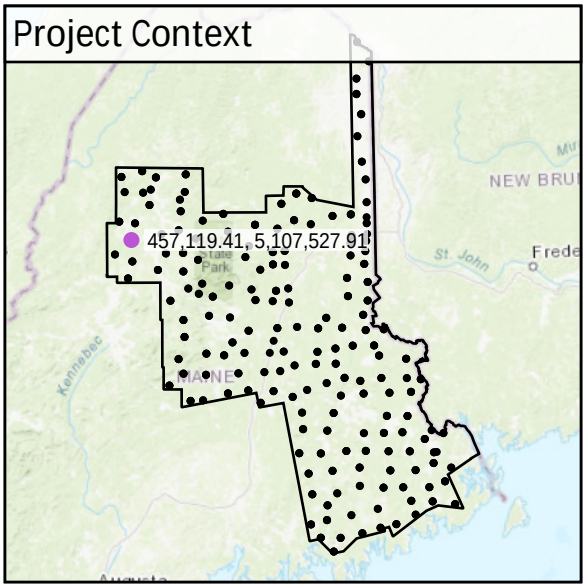
CAL - CA147

All Points TIN Dz 0.00 m

CA148

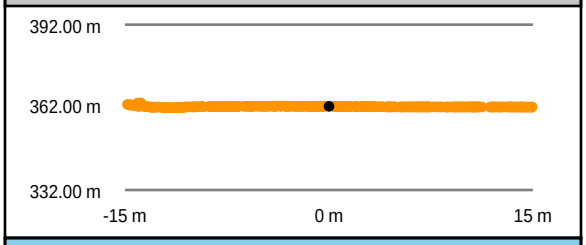
Known Z	362.37 m	Point Density	3.04 ppsm
DEM Dz	-0.06 m	Ground Density	3.04 ppsm
All Points TIN Dz	-0.06 m	Slope	1.89 °

Project Context

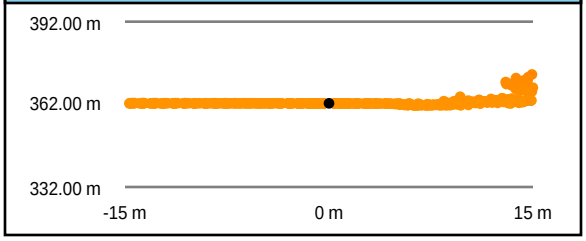


World Imagery

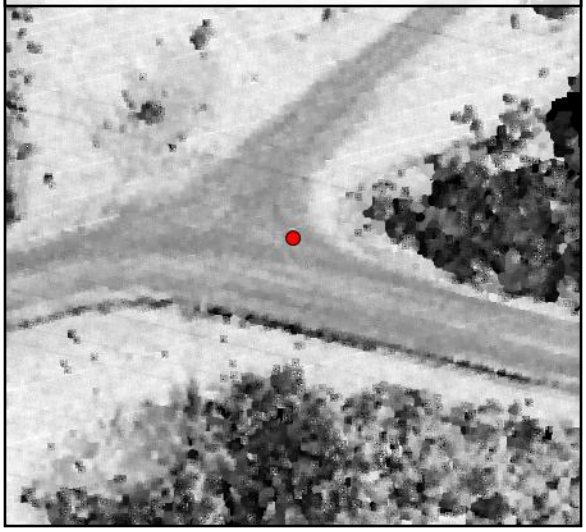
South to North



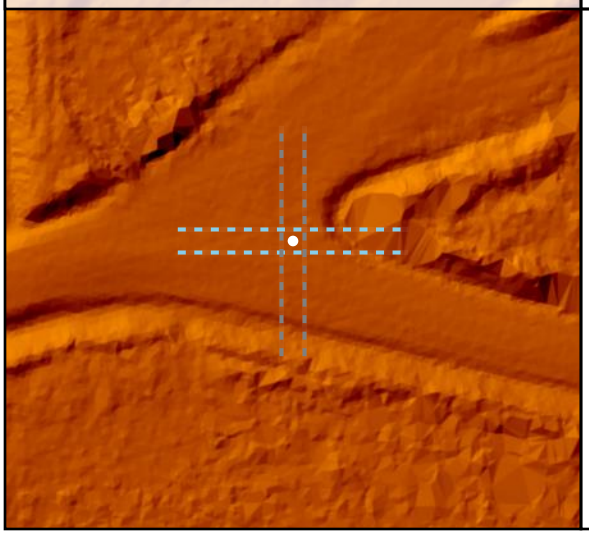
West to East



Intensity Raster

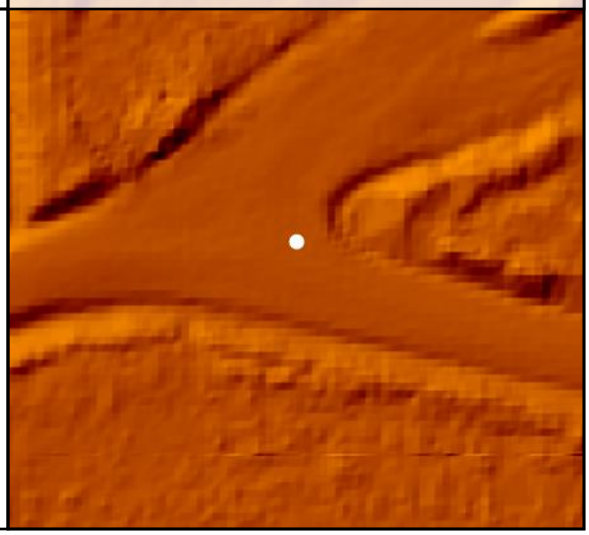


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

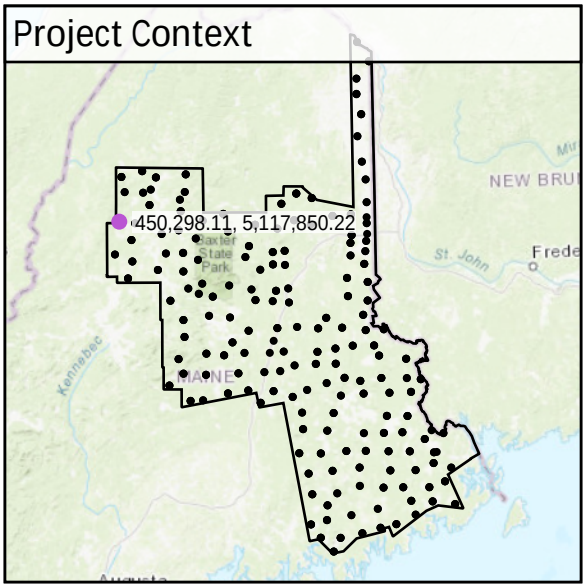
CAL - CA148

All Points TIN Dz -0.06 m

CA149

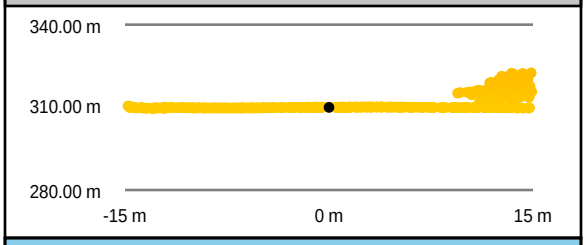
Known Z	309.99 m	Point Density	3.04 ppsm
DEM Dz	0.05 m	Ground Density	3.04 ppsm
All Points TIN Dz	0.05 m	Slope	2.06 °

Project Context

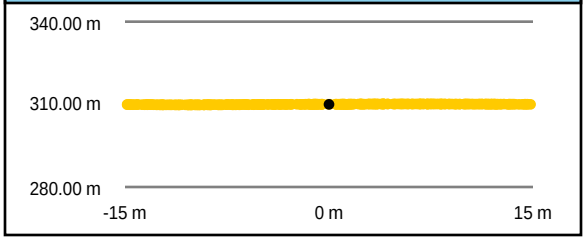


World Imagery

West to East

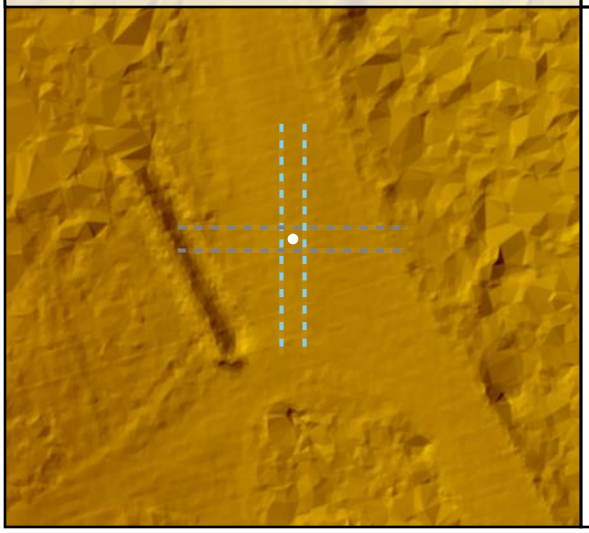


South to North



Intensity Raster

TIN Surface

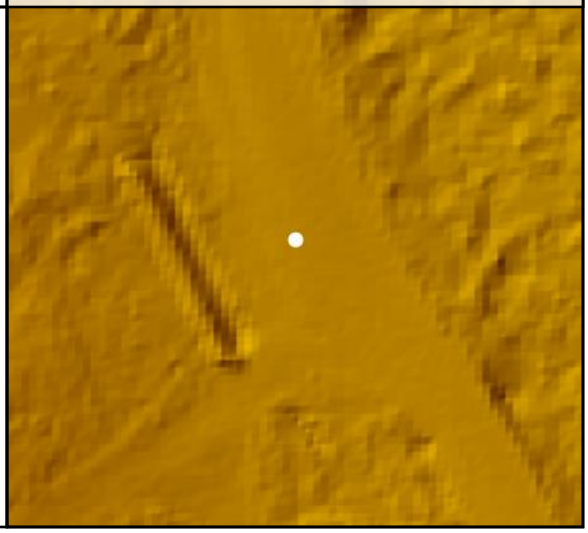


Project Elevation

501.87

16.77

DEM Surface



DEM Dz +0.05 m

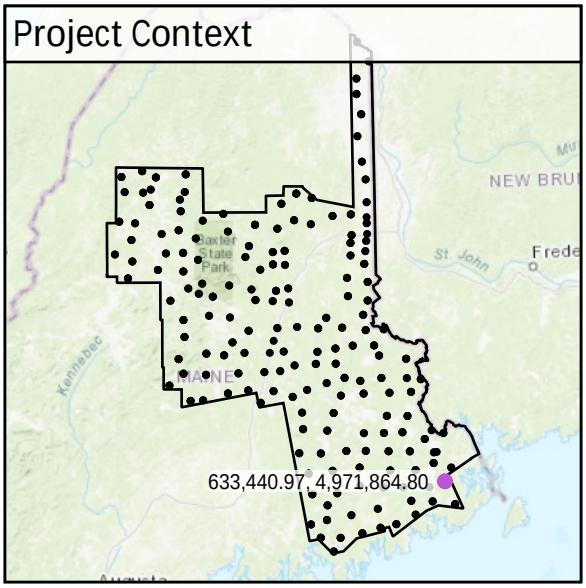
CAL - CA149

All Points TIN Dz +0.05 m

CA15

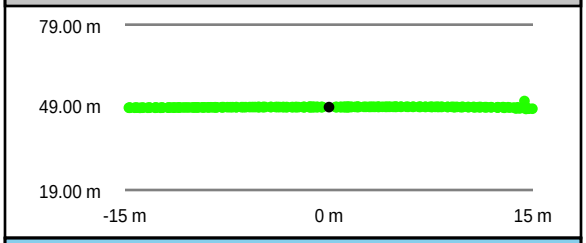
Known Z	49.08 m	Point Density	2.02 ppsm
DEM Dz	0.03 m	Ground Density	2.02 ppsm
All Points TIN Dz	0.02 m	Slope	0.78 °

Project Context

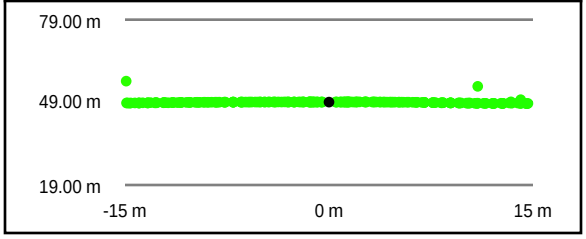


World Imagery

Southwest to Northeast

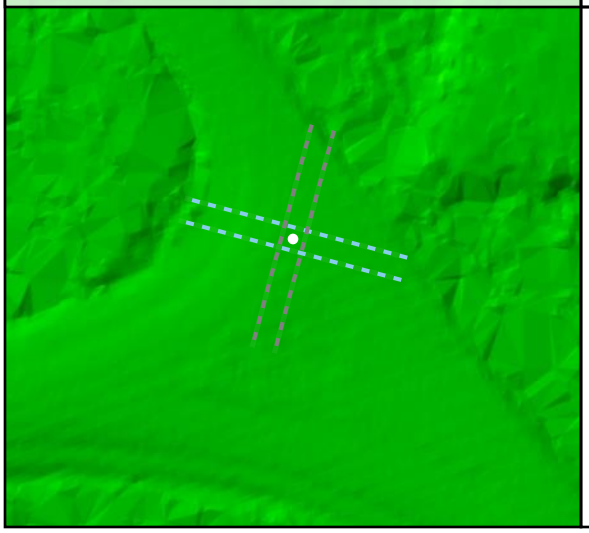


Southeast to Northwest



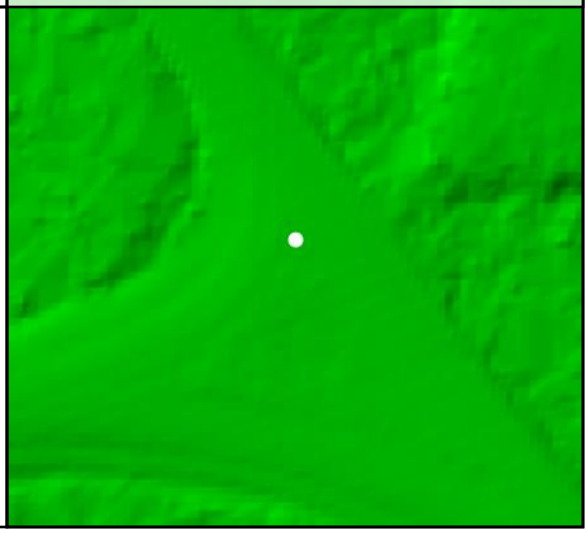
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

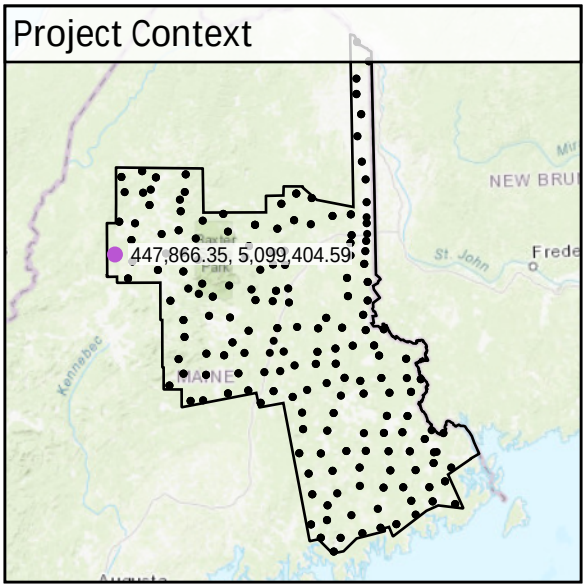
CAL - CA15

All Points TIN Dz +0.02 m

CA150

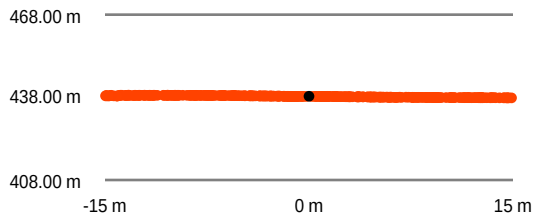
Known Z	438.39 m	Point Density	3.25 ppsm
DEM Dz	-0.07 m	Ground Density	3.25 ppsm
All Points TIN Dz	-0.07 m	Slope	2.01 °

Project Context

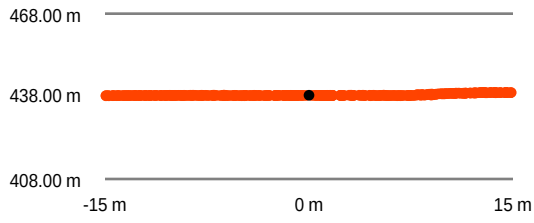


World Imagery

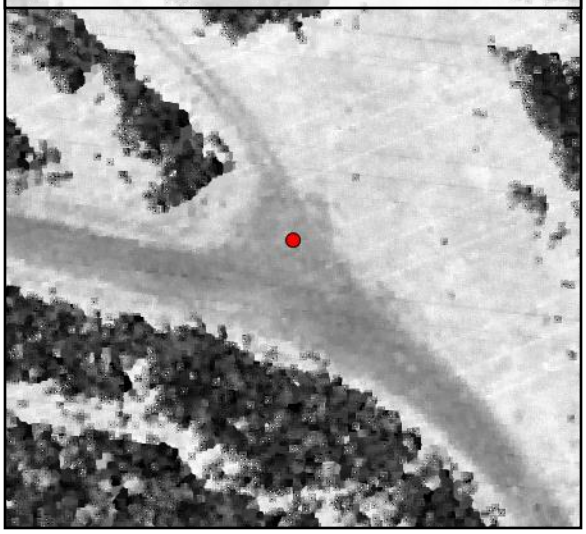
Southeast to Northwest



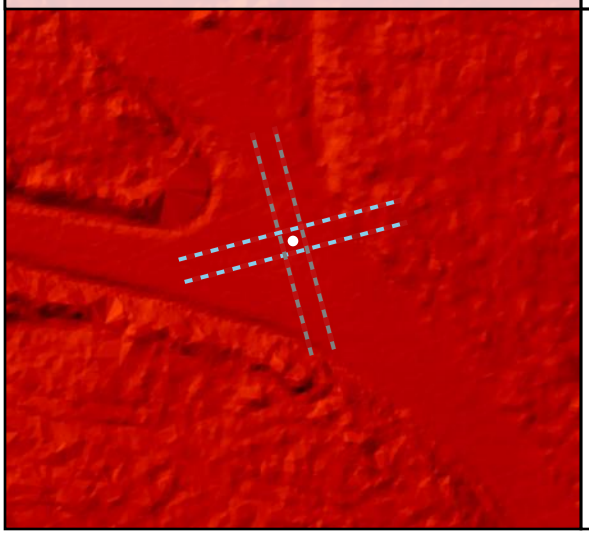
Southwest to Northeast



Intensity Raster

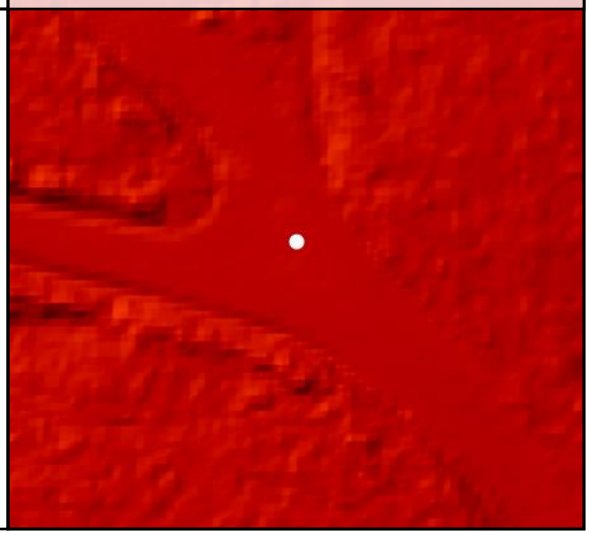


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

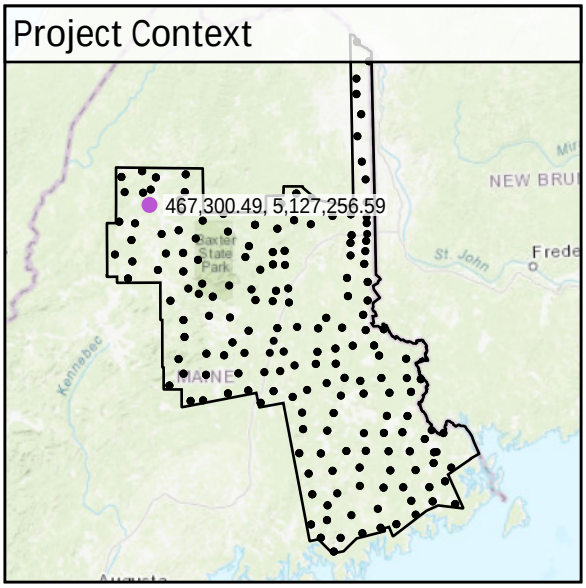
CAL - CA150

All Points TIN Dz -0.07 m

CA151

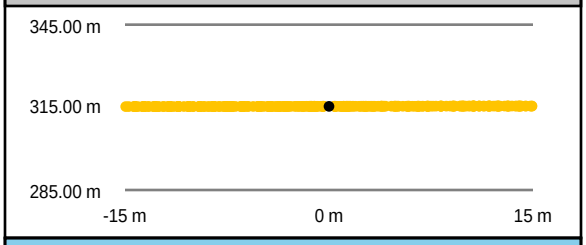
Known Z	315.35 m	Point Density	3.15 ppsm
DEM Dz	0.03 m	Ground Density	3.15 ppsm
All Points TIN Dz	0.03 m	Slope	0.59 °

Project Context

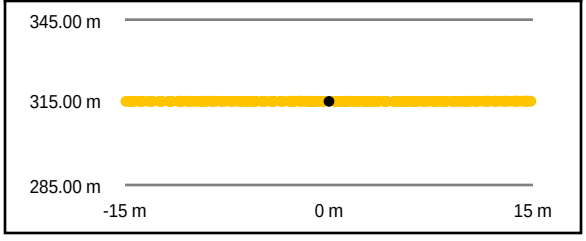


World Imagery

Southwest to Northeast

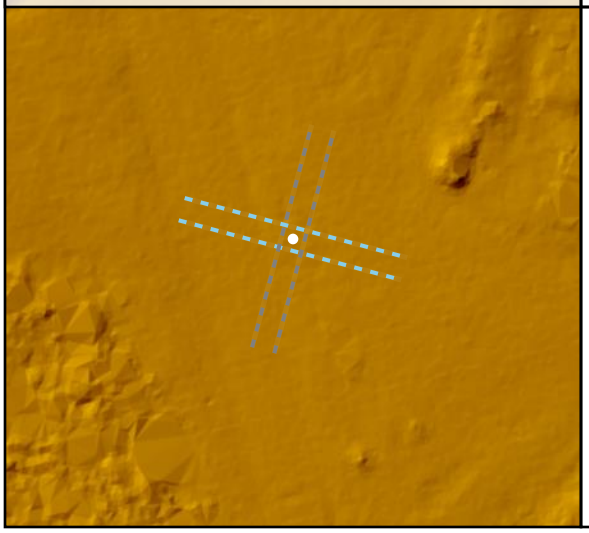


Southeast to Northwest



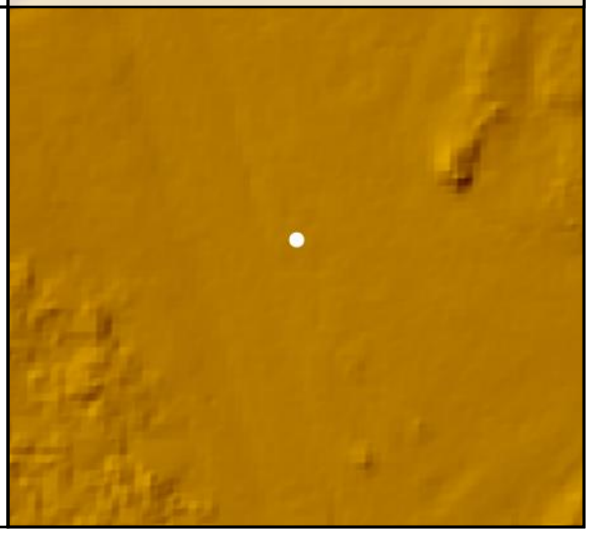
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

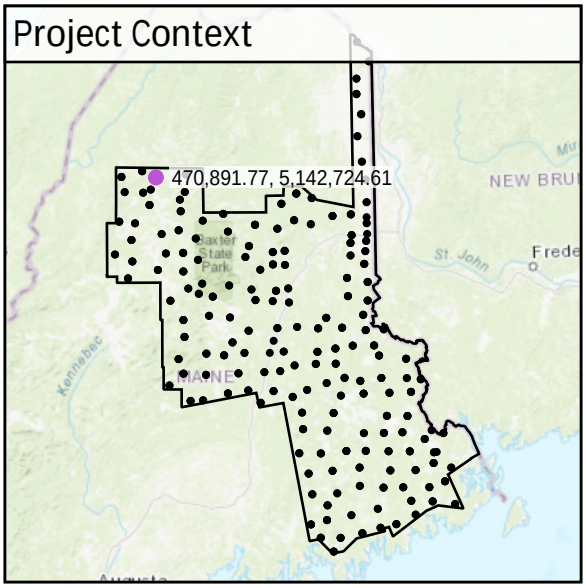
CAL - CA151

All Points TIN Dz +0.03 m

CA152

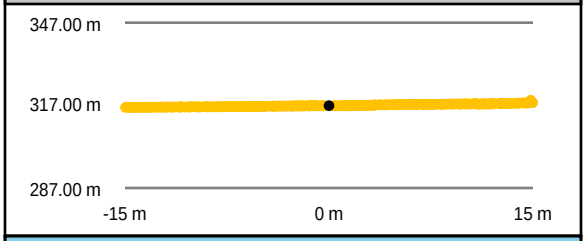
Known Z	316.88 m	Point Density	2.97 ppsm
DEM Dz	-0.04 m	Ground Density	2.97 ppsm
All Points TIN Dz	-0.04 m	Slope	2.31 °

Project Context

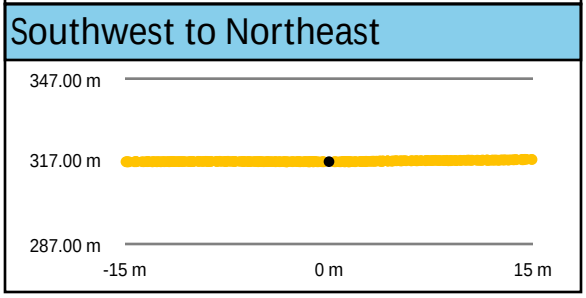


World Imagery

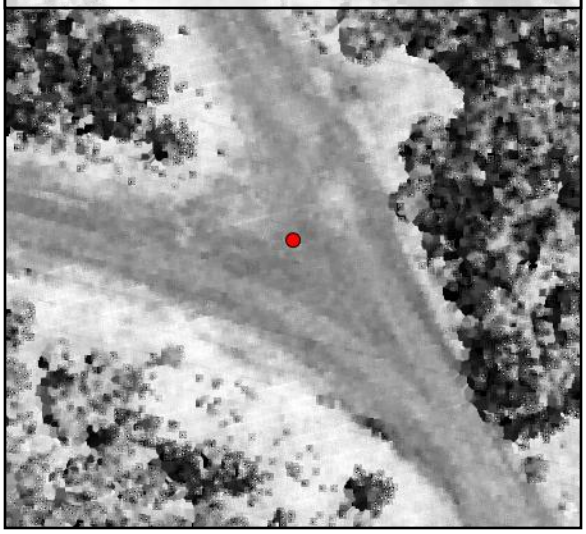
Southeast to Northwest



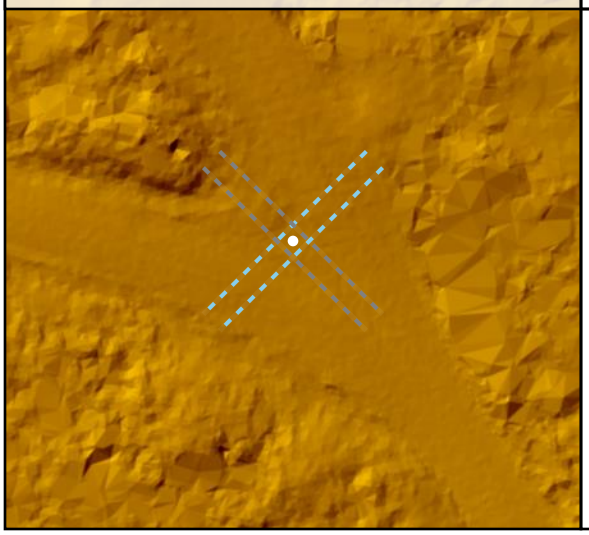
Southwest to Northeast



Intensity Raster

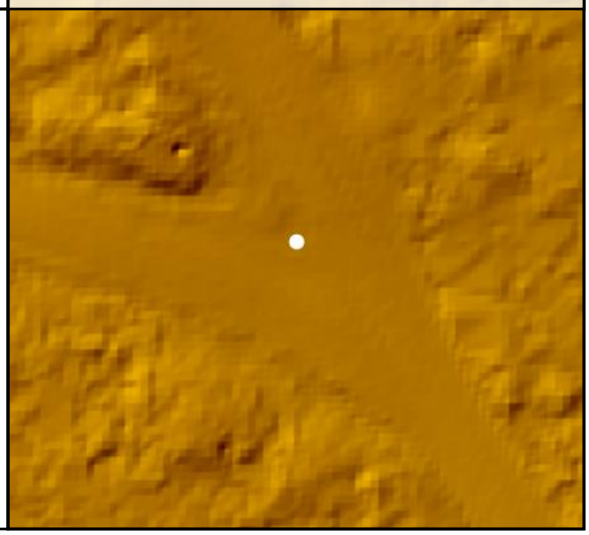


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

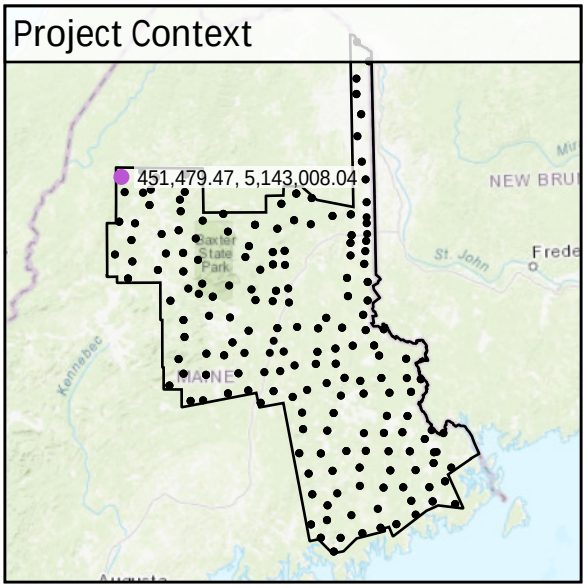
CAL - CA152

All Points TIN Dz -0.04 m

CA153

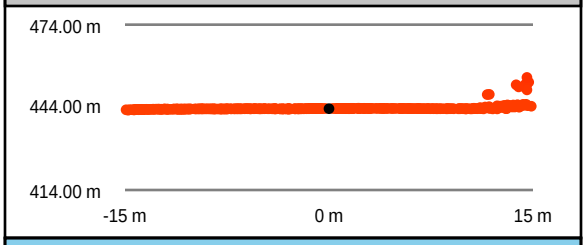
Known Z	443.51 m	Point Density	3.68 ppsm
DEM Dz	0.05 m	Ground Density	3.68 ppsm
All Points TIN Dz	0.06 m	Slope	3.04 °

Project Context

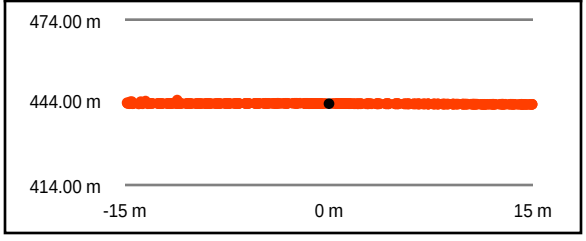


World Imagery

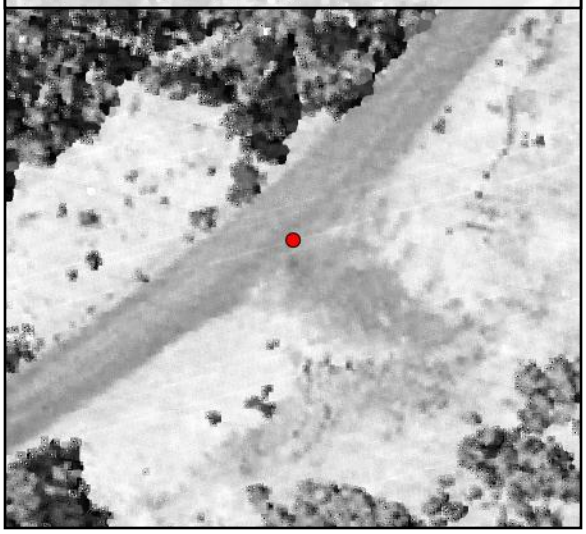
South to North



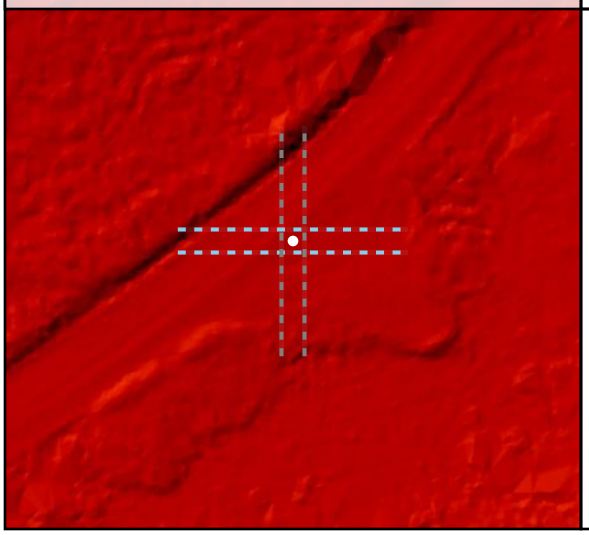
West to East



Intensity Raster

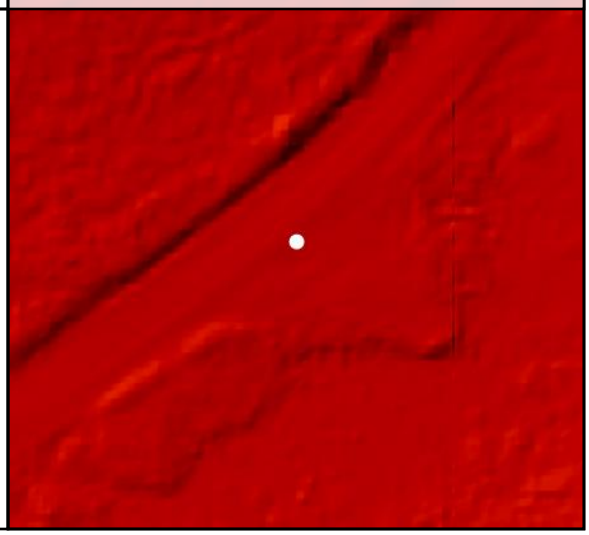


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

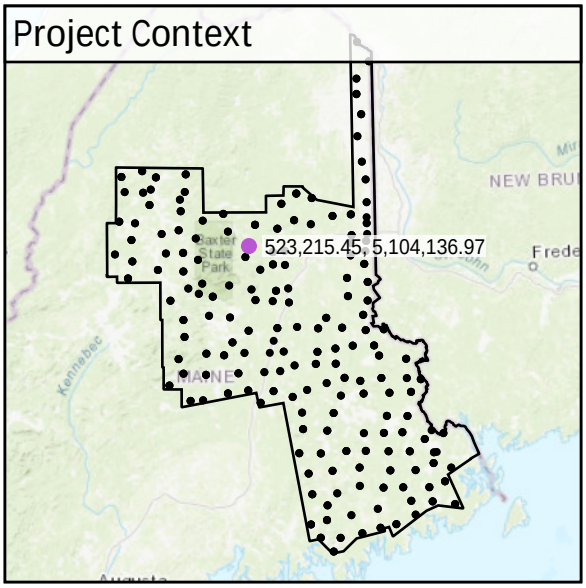
CAL - CA153

All Points TIN Dz +0.06 m

CA156

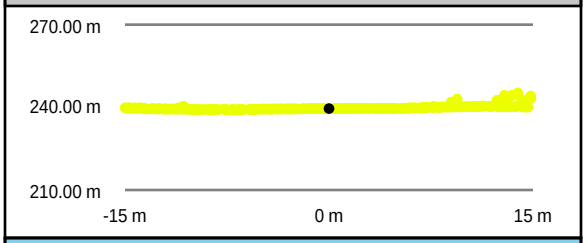
Known Z	239.55 m	Point Density	2.41 ppsm
DEM Dz	-0.01 m	Ground Density	2.41 ppsm
All Points TIN Dz	0.00 m	Slope	2.72 °

Project Context

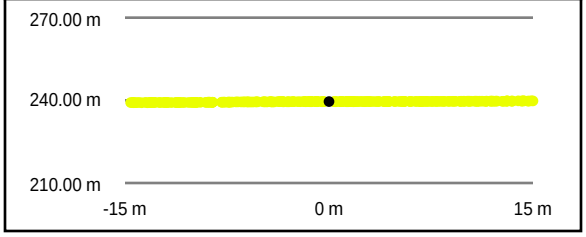


World Imagery

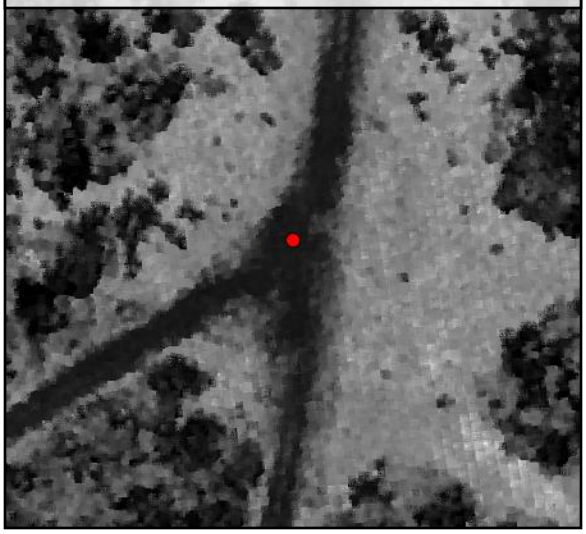
Southeast to Northwest



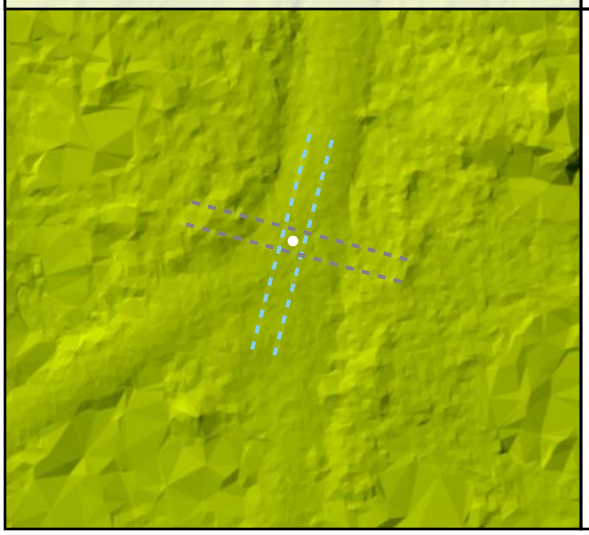
Southwest to Northeast



Intensity Raster

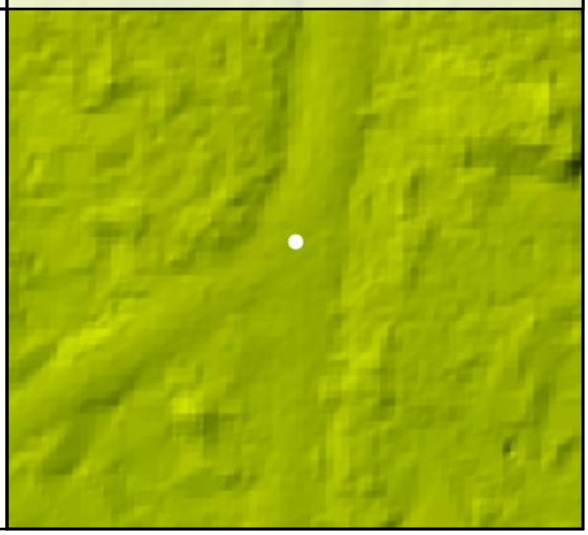


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

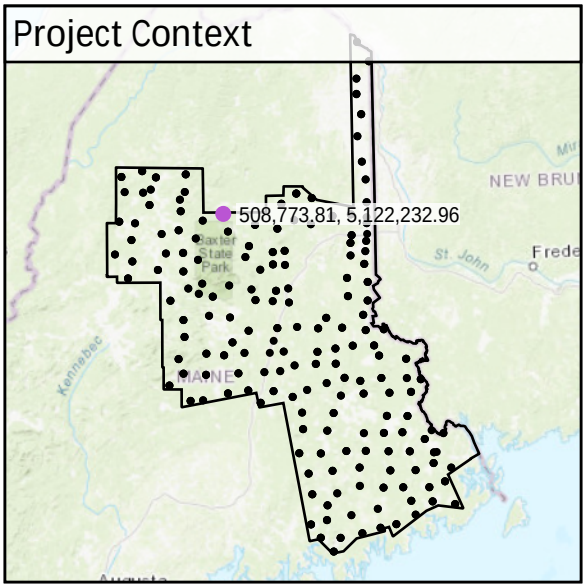
CAL - CA156

All Points TIN Dz 0.00 m

CA157

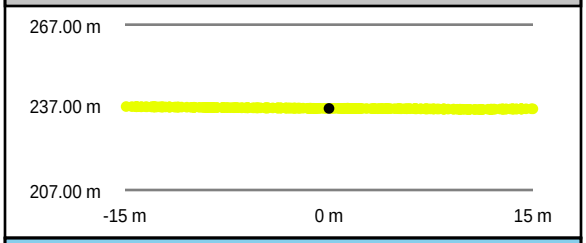
Known Z	236.60 m	Point Density	2.94 ppsm
DEM Dz	0.03 m	Ground Density	2.94 ppsm
All Points TIN Dz	0.03 m	Slope	1.82 °

Project Context

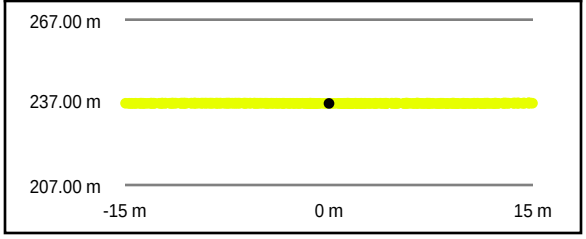


World Imagery

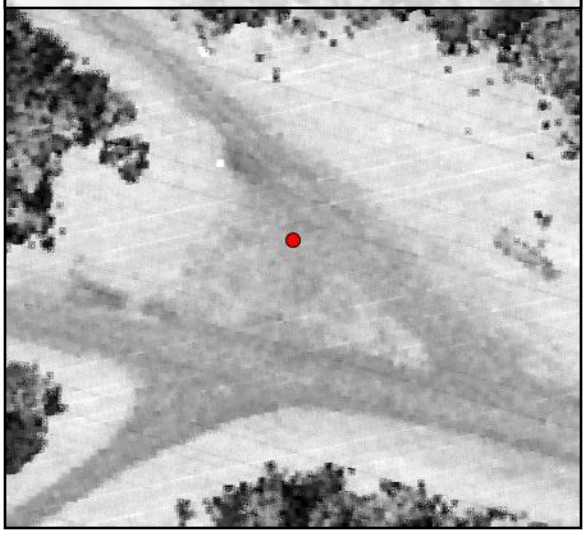
Southwest to Northeast



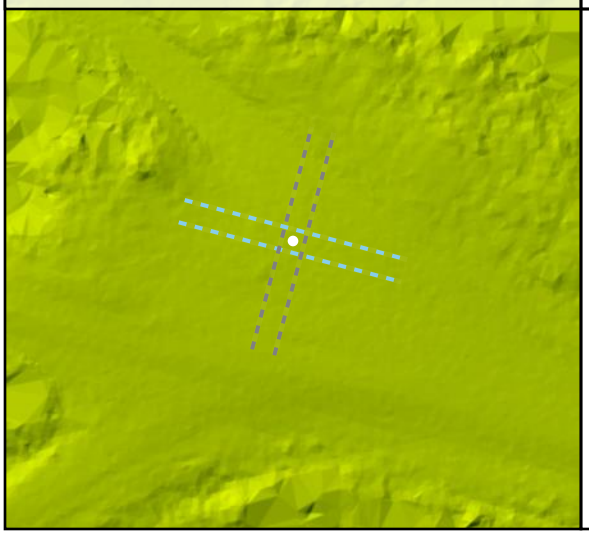
Southeast to Northwest



Intensity Raster

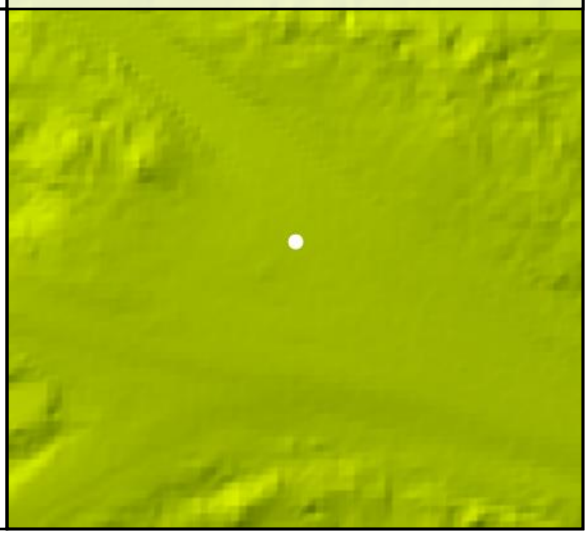


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

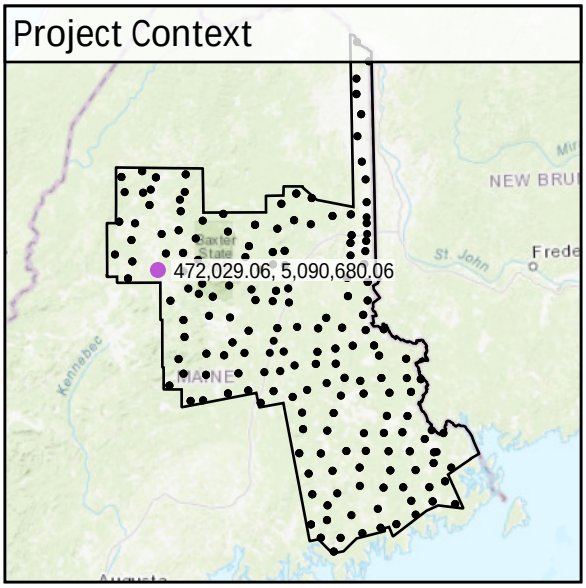
CAL - CA157

All Points TIN Dz +0.03 m

CA158

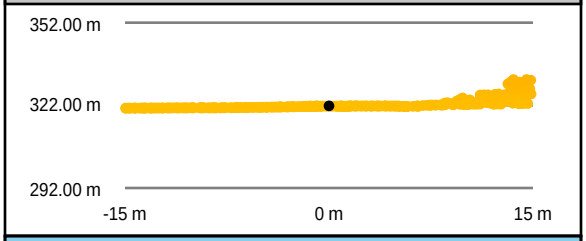
Known Z	321.80 m	Point Density	2.65 ppsm
DEM Dz	-0.12 m	Ground Density	2.65 ppsm
All Points TIN Dz	-0.12 m	Slope	3.97 °

Project Context

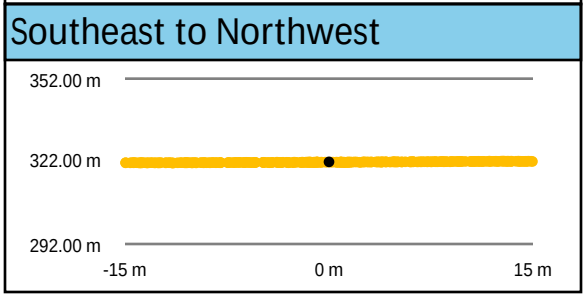


World Imagery

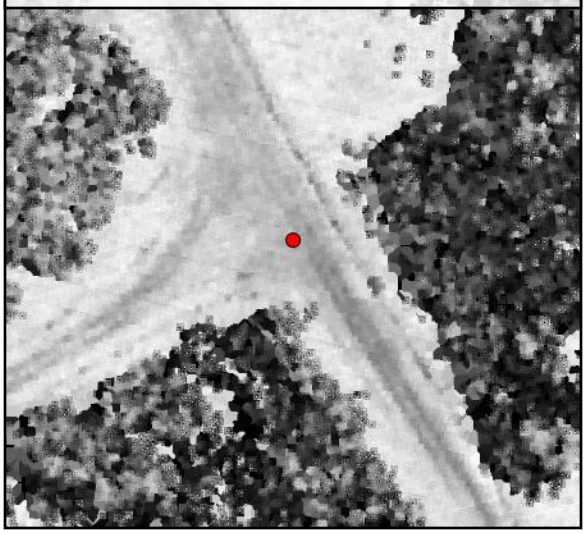
Southwest to Northeast



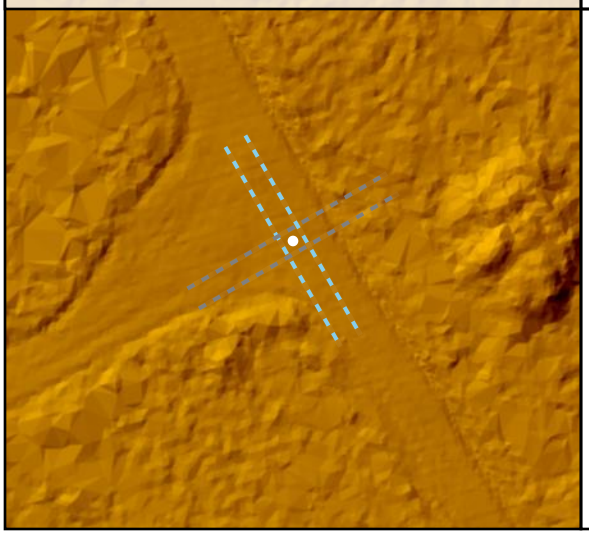
Southeast to Northwest



Intensity Raster

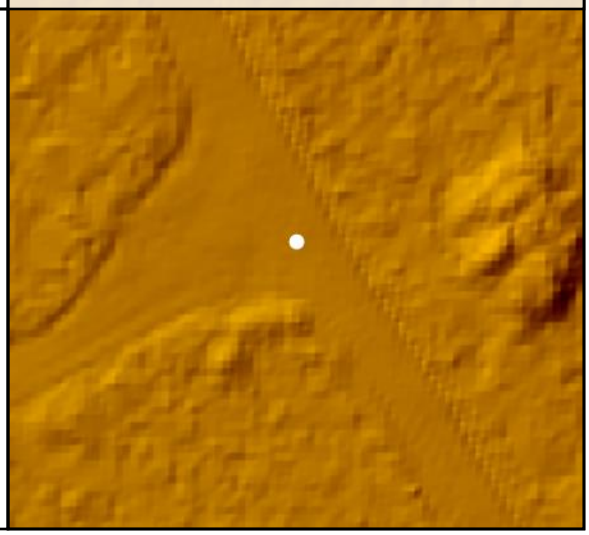


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.12 m

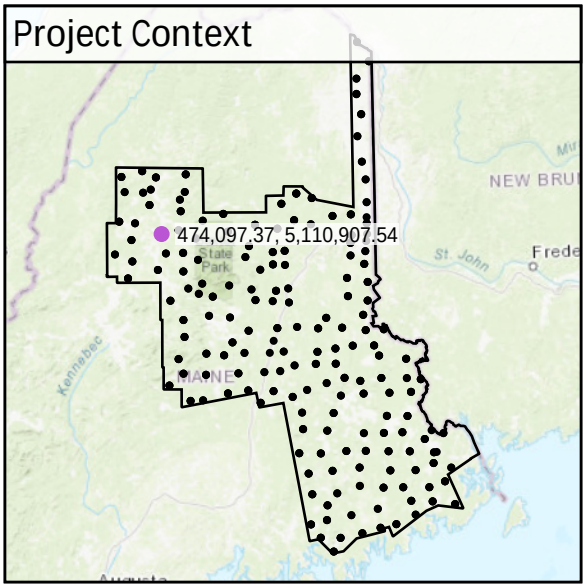
CAL - CA158

All Points TIN Dz -0.12 m

CA159

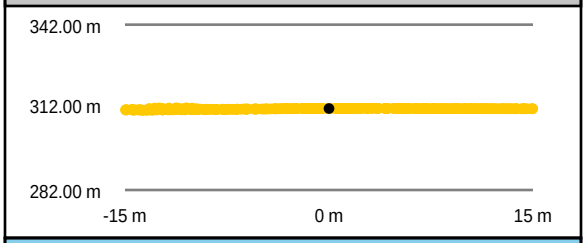
Known Z	311.57 m	Point Density	3.18 ppsm
DEM Dz	0.03 m	Ground Density	3.18 ppsm
All Points TIN Dz	0.02 m	Slope	0.87 °

Project Context

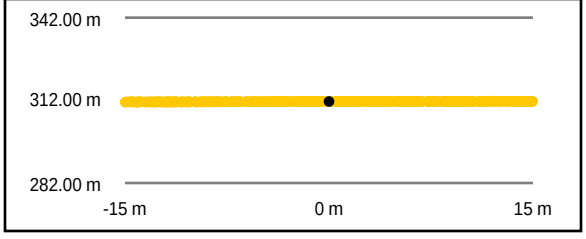


World Imagery

Southeast to Northwest

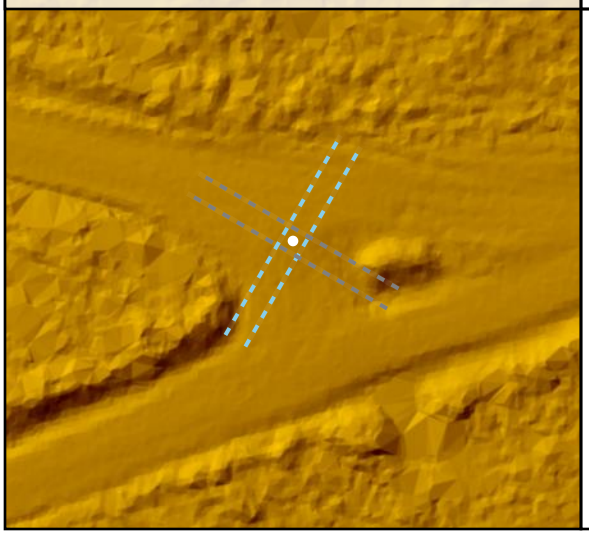


Southwest to Northeast



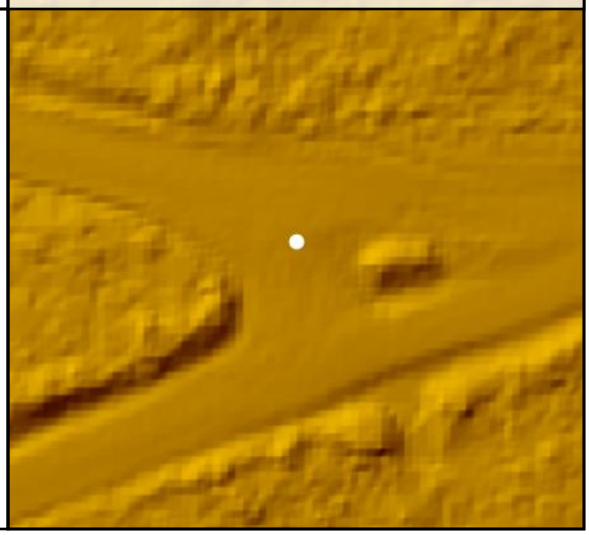
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



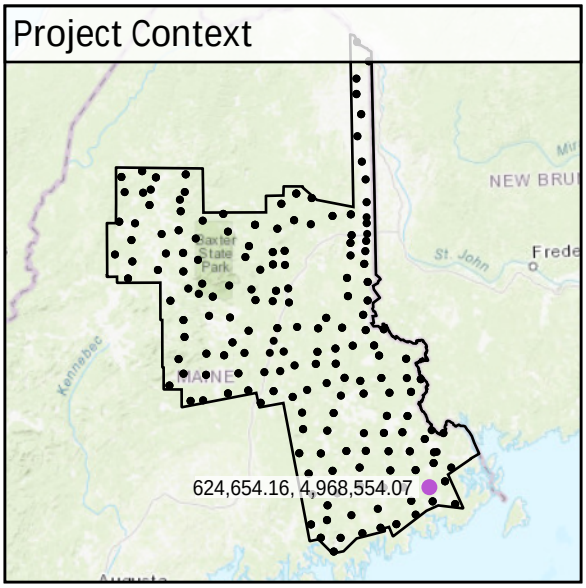
DEM Dz +0.03 m

CAL - CA159

All Points TIN Dz +0.02 m

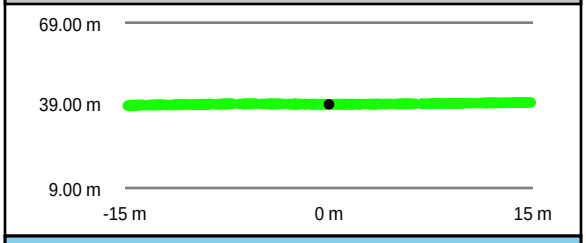
CA16				
	Known Z	39.35 m	Point Density	3.08 ppsm
	DEM Dz	0.05 m	Ground Density	3.08 ppsm
	All Points TIN Dz	0.05 m	Slope	0.72 °

Project Context

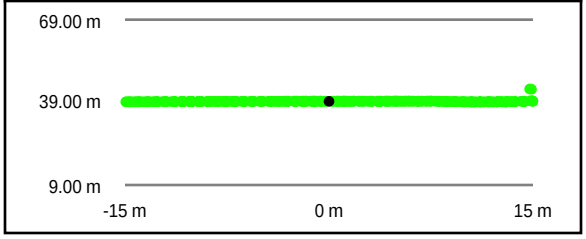


World Imagery

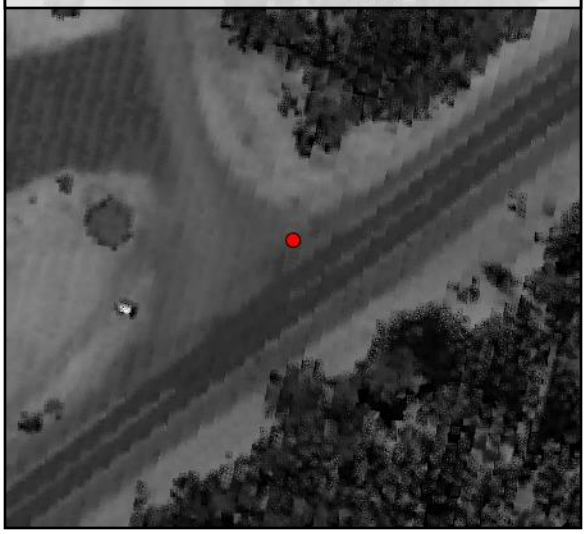
Southeast to Northwest



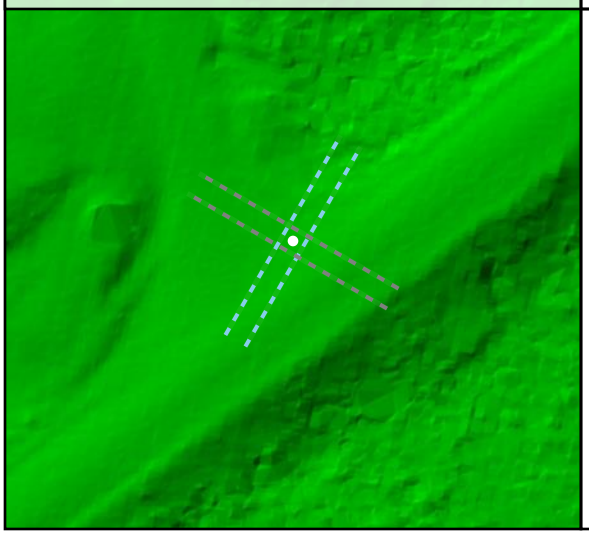
Southwest to Northeast



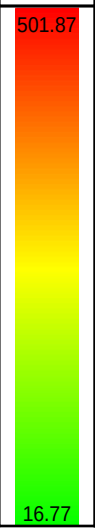
Intensity Raster



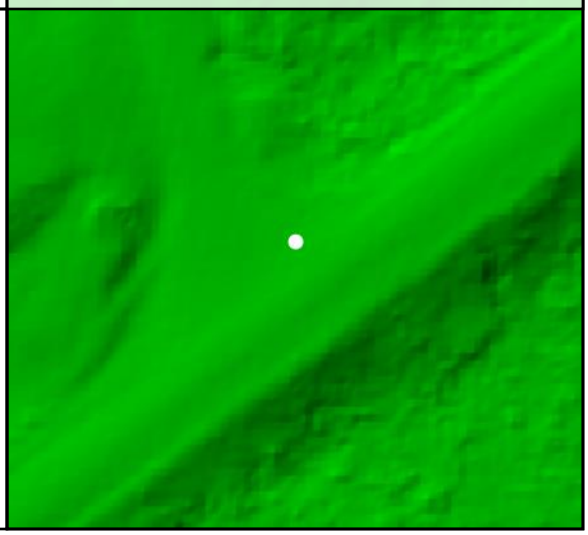
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.05 m

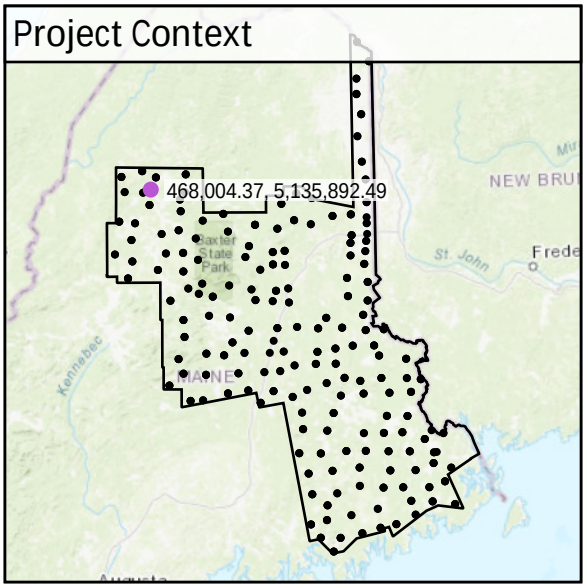
CAL - CA16

All Points TIN Dz +0.05 m

CA160

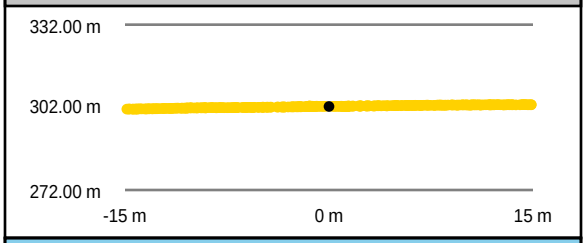
Known Z	302.31 m	Point Density	2.97 ppsm
DEM Dz	0.04 m	Ground Density	2.97 ppsm
All Points TIN Dz	0.05 m	Slope	3.48 °

Project Context

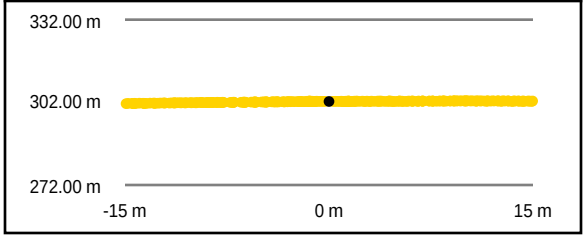


World Imagery

South to North

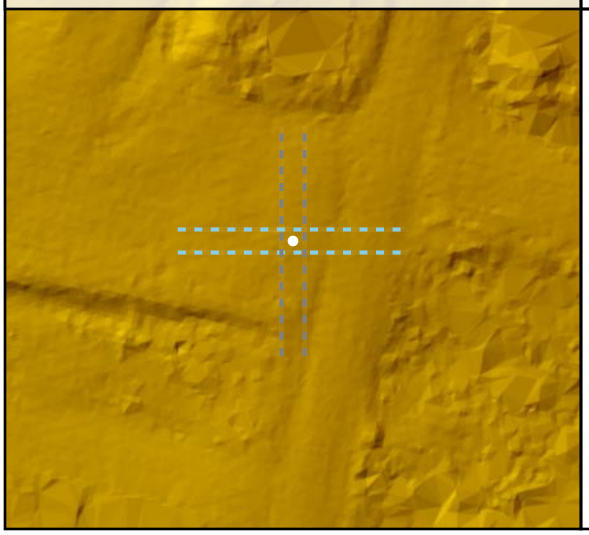


West to East



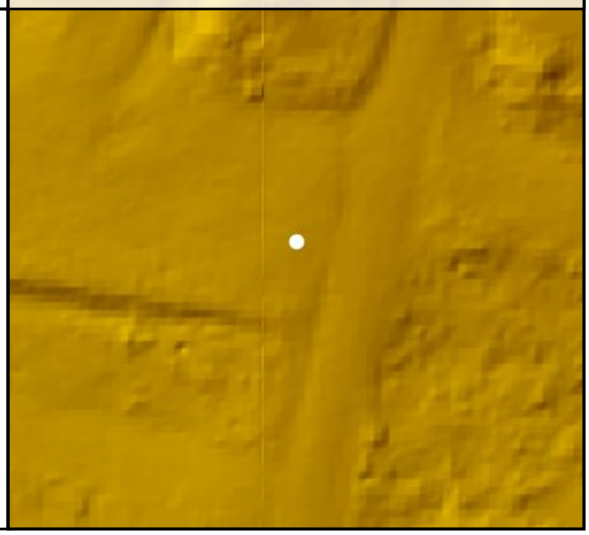
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

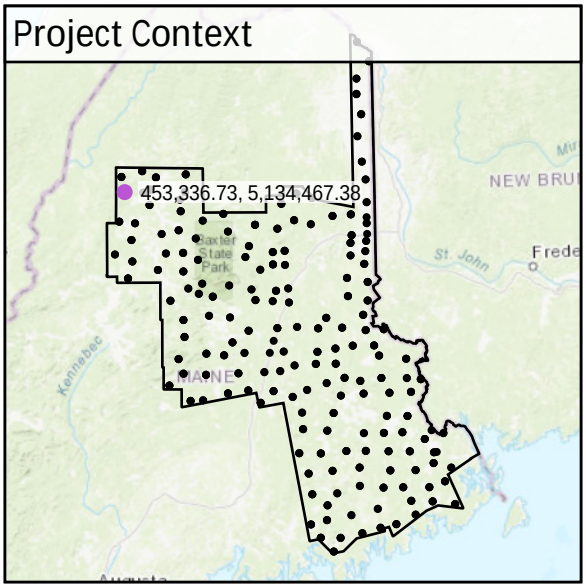
CAL - CA160

All Points TIN Dz +0.05 m

CA161

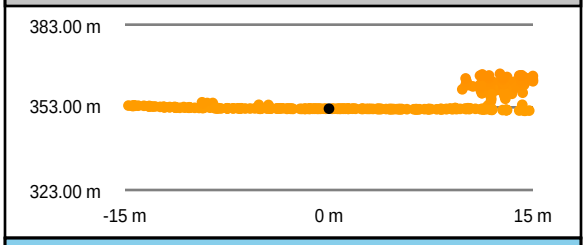
Known Z	352.51 m	Point Density	2.44 ppsm
DEM Dz	-0.03 m	Ground Density	2.44 ppsm
All Points TIN Dz	-0.03 m	Slope	0.95 °

Project Context

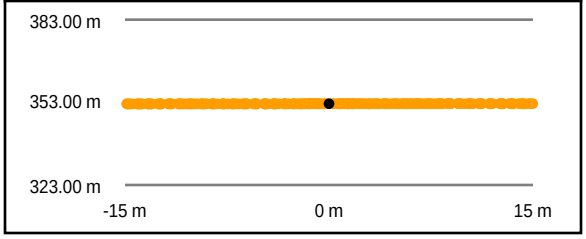


World Imagery

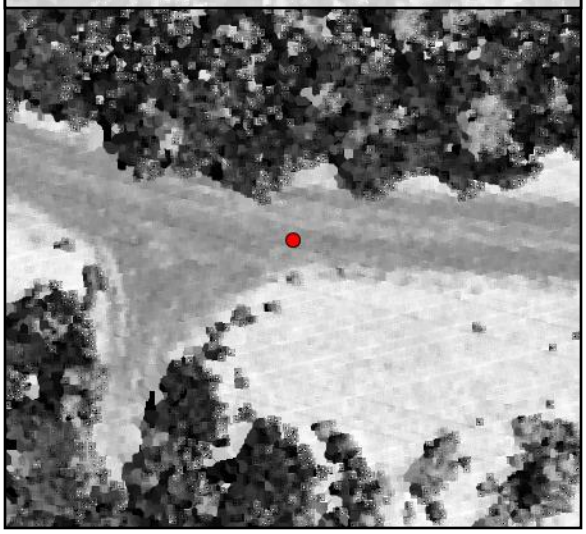
Southwest to Northeast



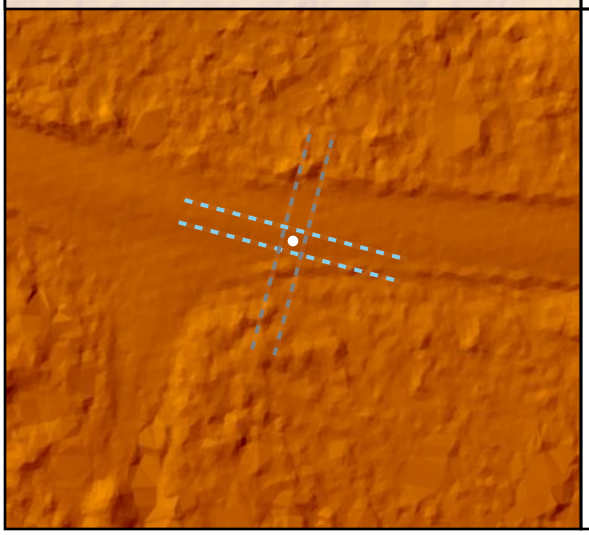
Southeast to Northwest



Intensity Raster

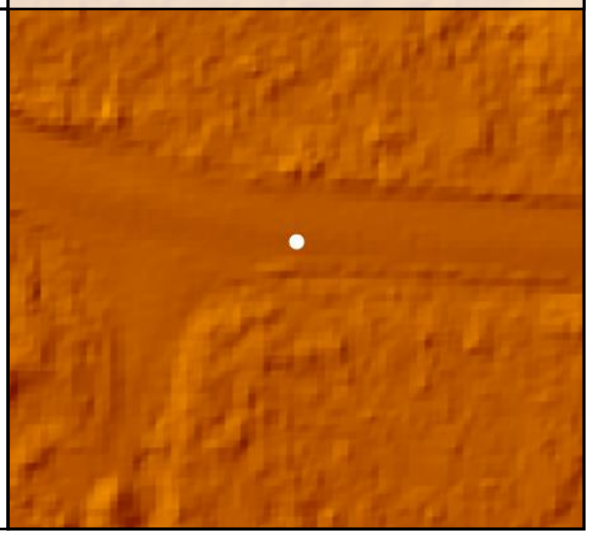


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

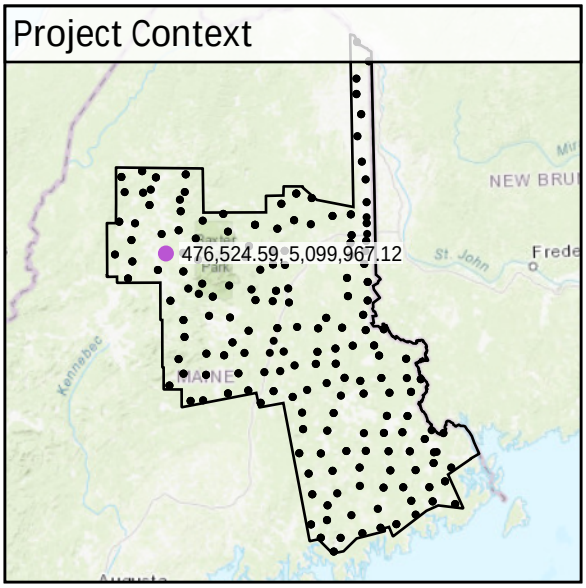
CAL - CA161

All Points TIN Dz -0.03 m

CA162

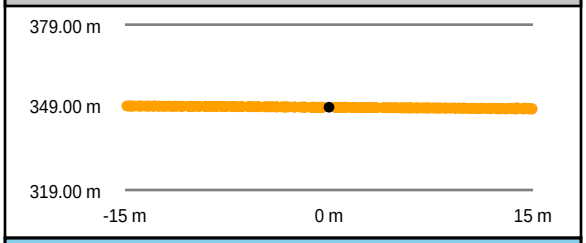
Known Z	349.05 m	Point Density	3.01 ppsm
DEM Dz	-0.03 m	Ground Density	3.01 ppsm
All Points TIN Dz	-0.03 m	Slope	2.35 °

Project Context

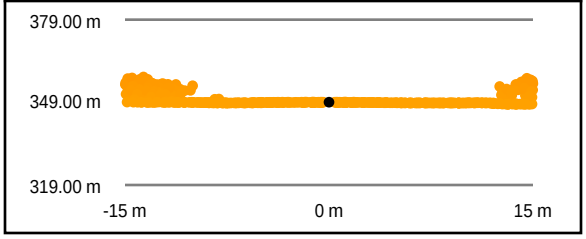


World Imagery

Southeast to Northwest

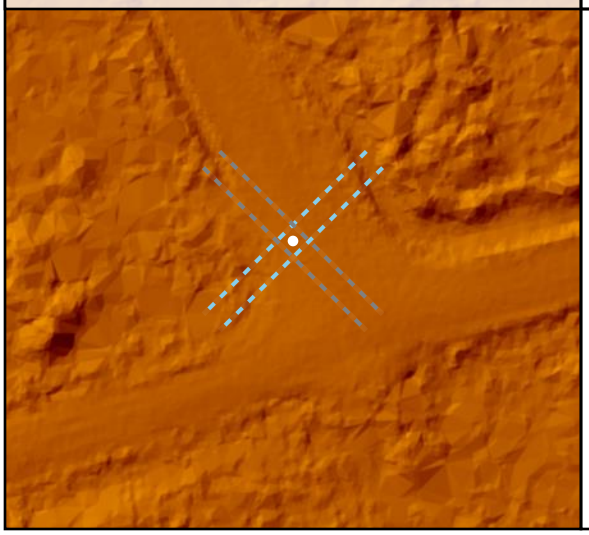


Southwest to Northeast



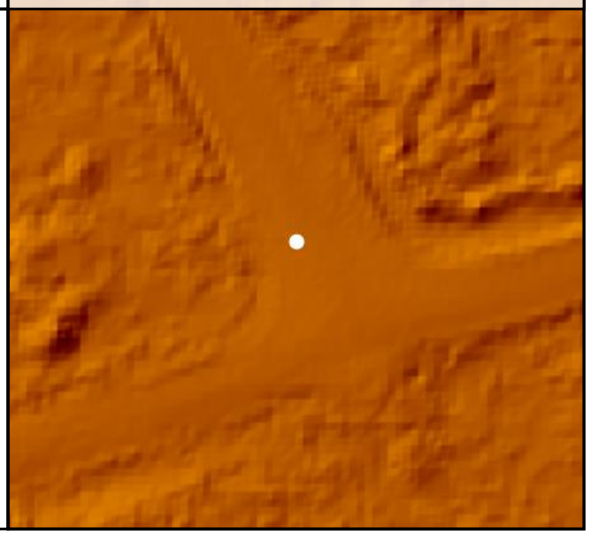
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

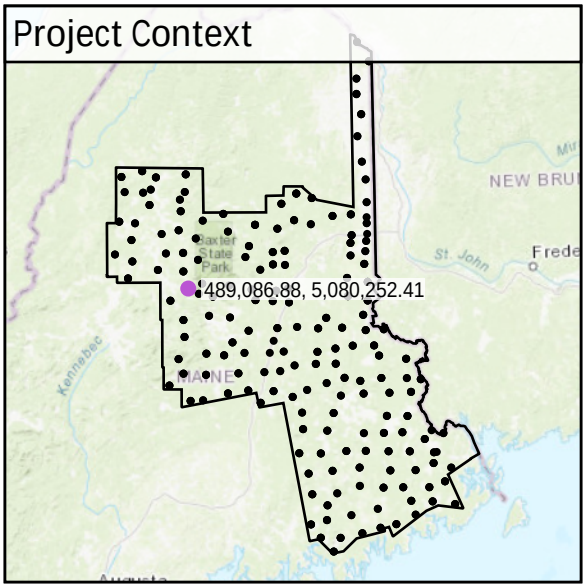


All Points TIN Dz -0.03 m | CAL - CA162 | DEM Dz -0.03 m

CA163

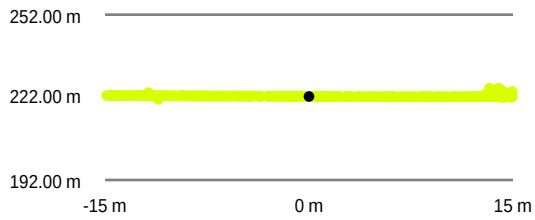
Known Z	222.31 m	Point Density	3.22 ppsm
DEM Dz	0.01 m	Ground Density	3.22 ppsm
All Points TIN Dz	0.01 m	Slope	1.44 °

Project Context

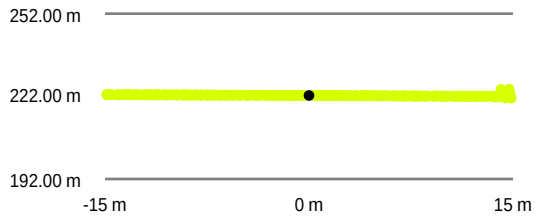


World Imagery

Southwest to Northeast

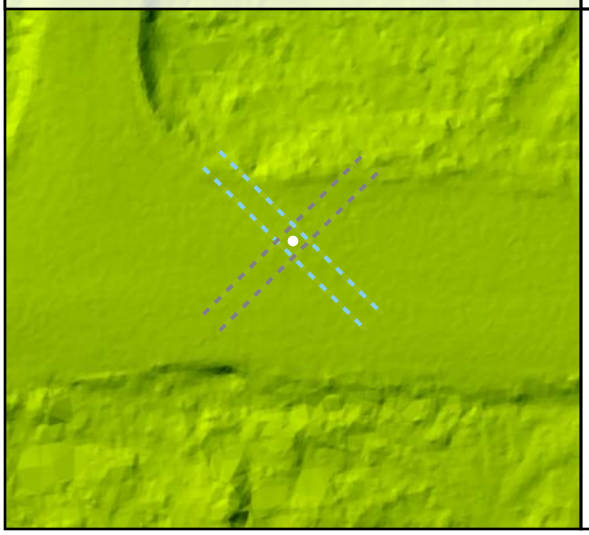


Southeast to Northwest



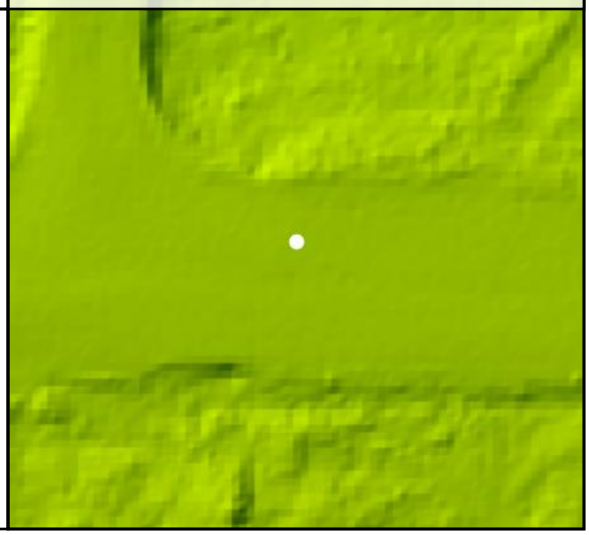
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

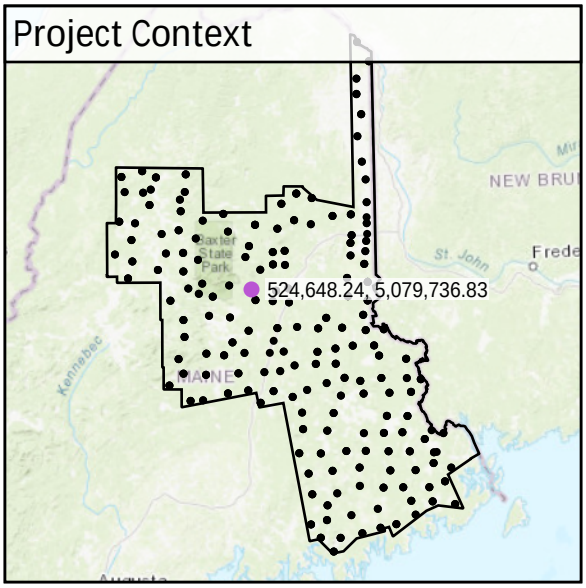
CAL - CA163

All Points TIN Dz +0.01 m

CA164

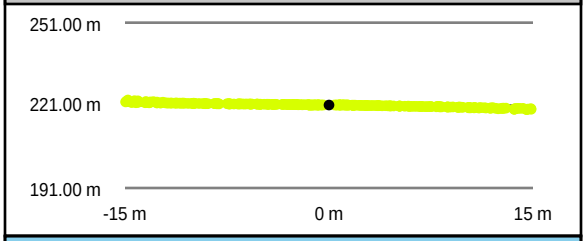
Known Z	221.11 m	Point Density	2.55 ppsm
DEM Dz	0.02 m	Ground Density	2.55 ppsm
All Points TIN Dz	0.01 m	Slope	3.60 °

Project Context

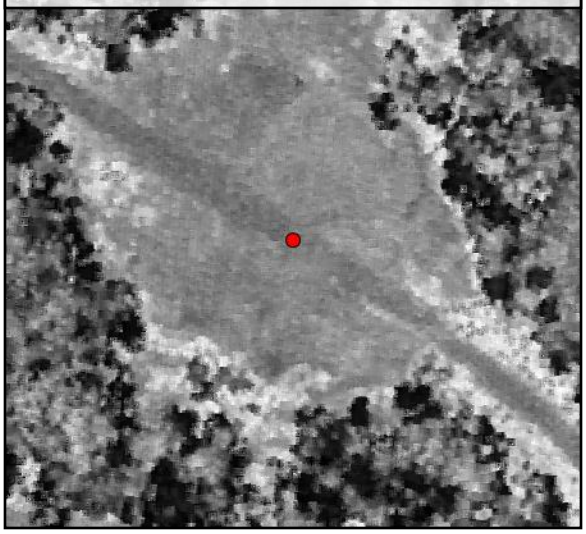


World Imagery

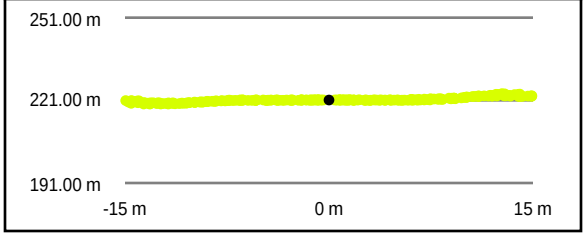
Southeast to Northwest



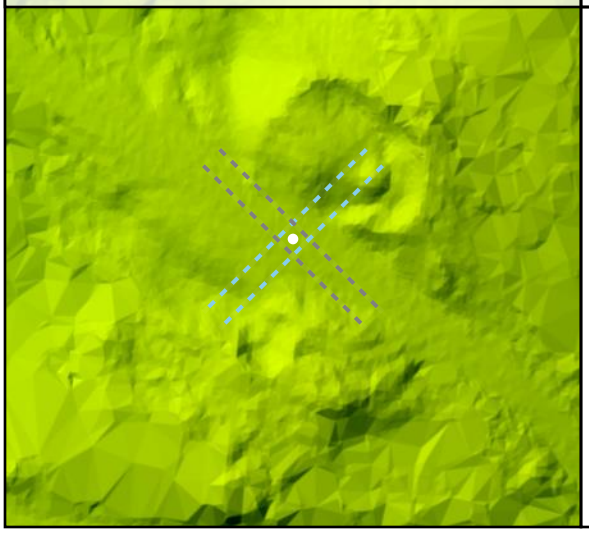
Intensity Raster



Southwest to Northeast

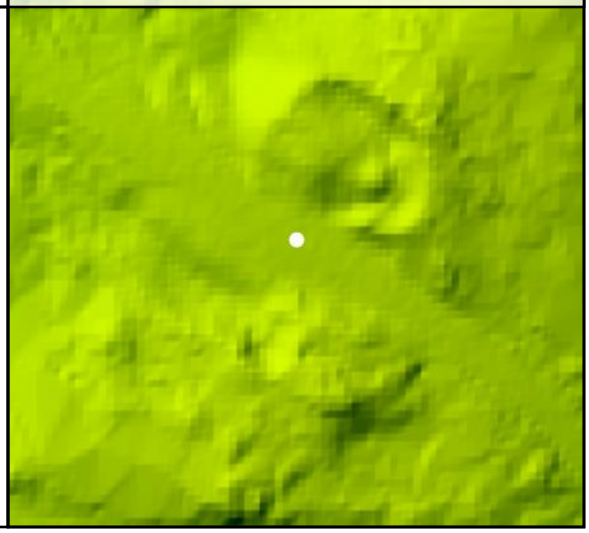


TIN Surface



Project Elevation

DEM Surface



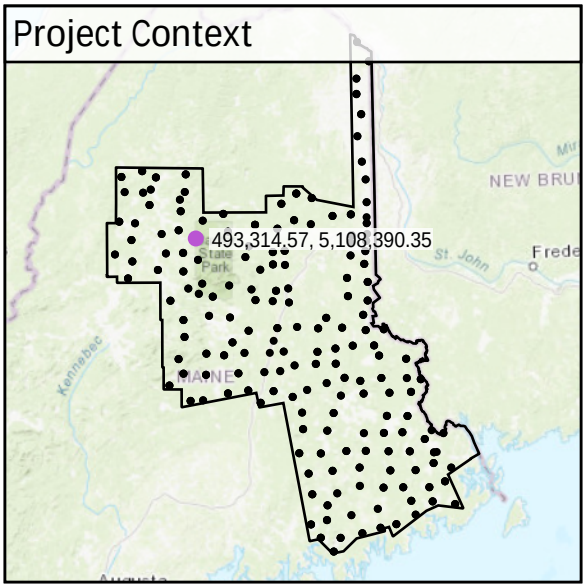
DEM Dz +0.02 m

CAL - CA164

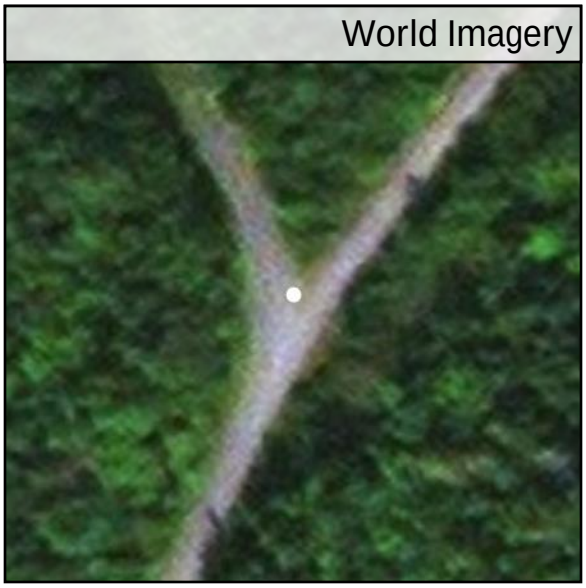
All Points TIN Dz +0.01 m

CA165				
	Known Z	308.18 m	Point Density	2.30 ppsm
	DEM Dz	-0.01 m	Ground Density	2.30 ppsm
	All Points TIN Dz	-0.01 m	Slope	4.28 °

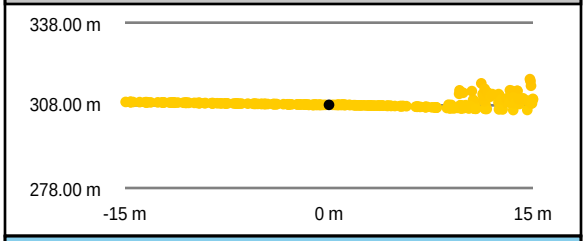
Project Context



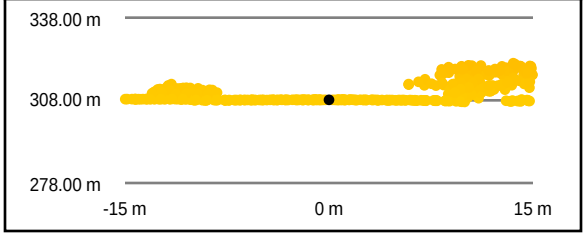
World Imagery



Southwest to Northeast

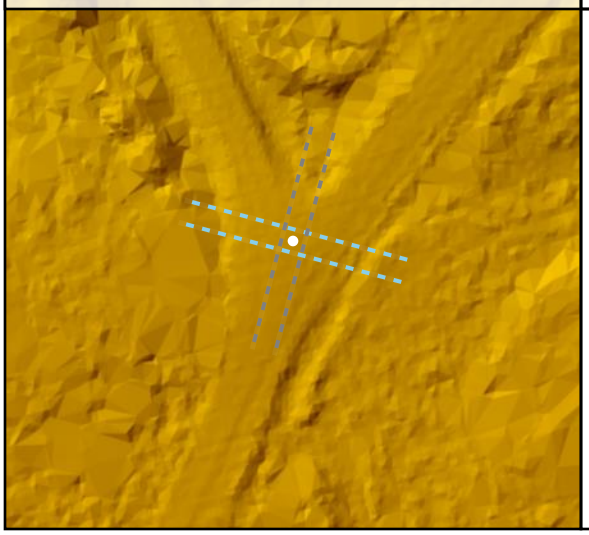


Southeast to Northwest



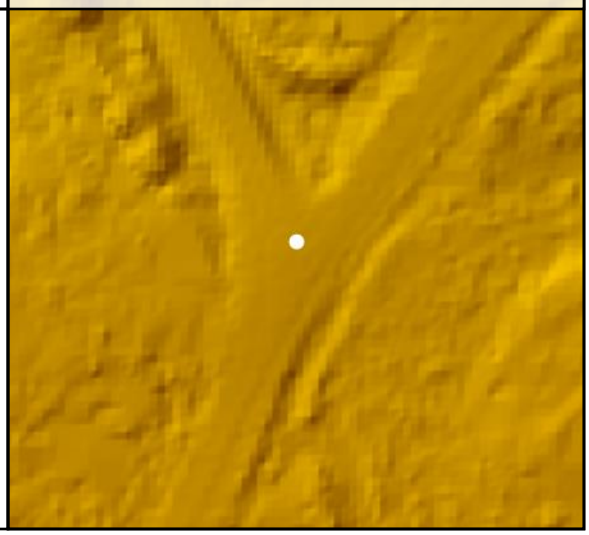
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

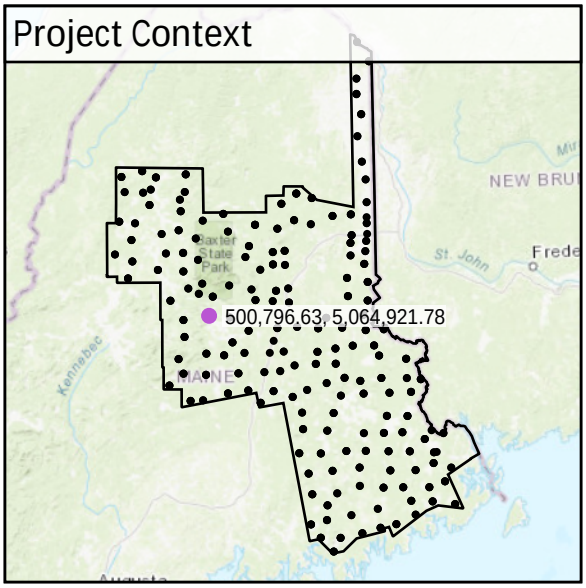


All Points TIN Dz -0.01 m CAL - CA165 DEM Dz -0.01 m

CA166

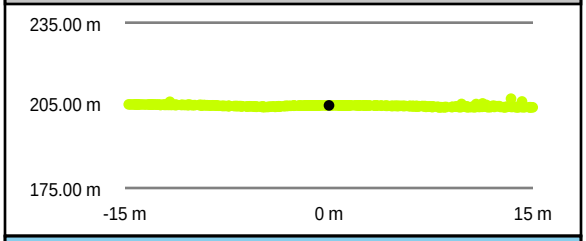
Known Z	204.97 m	Point Density	2.94 ppsm
DEM Dz	-0.01 m	Ground Density	2.94 ppsm
All Points TIN Dz	0.00 m	Slope	1.53 °

Project Context

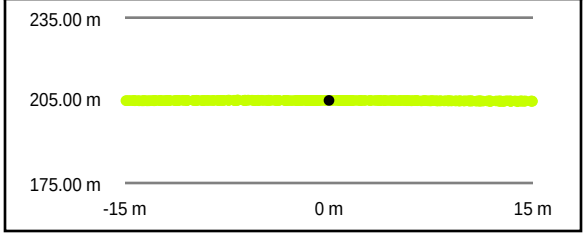


World Imagery

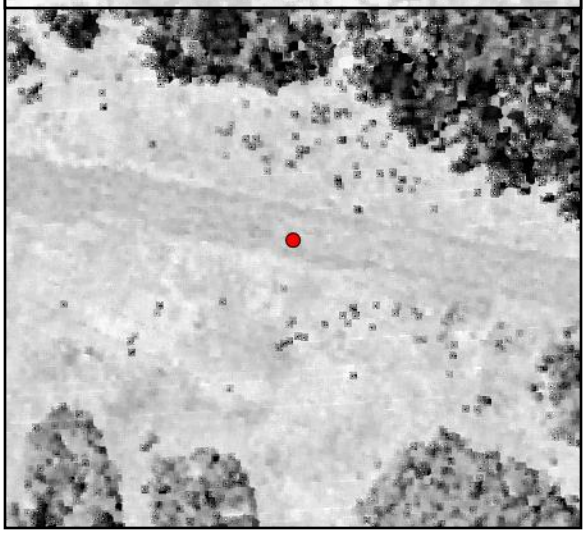
Southeast to Northwest



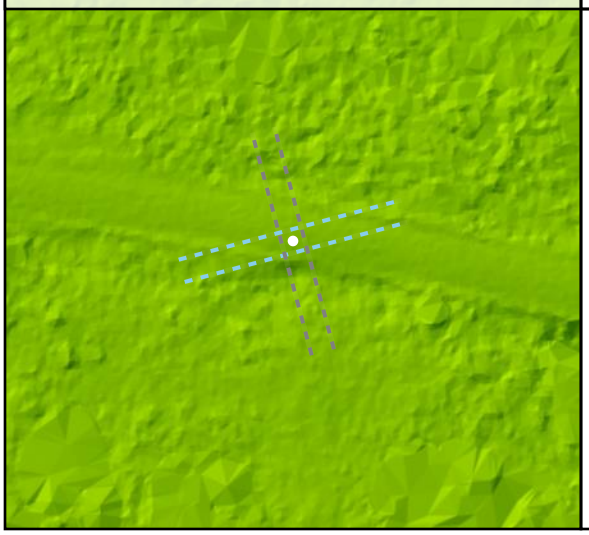
Southwest to Northeast



Intensity Raster

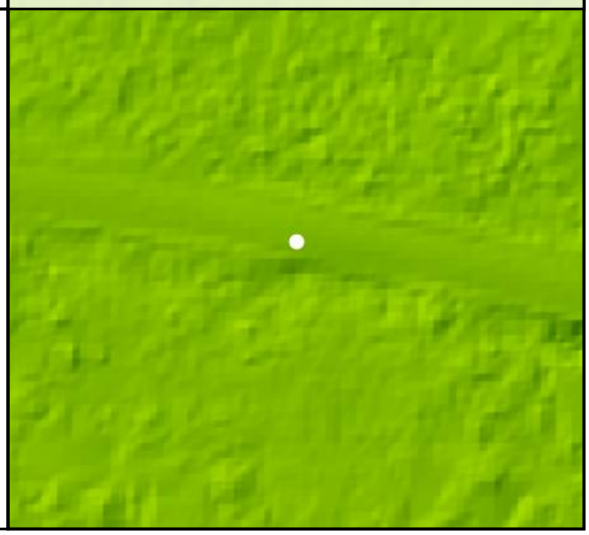


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

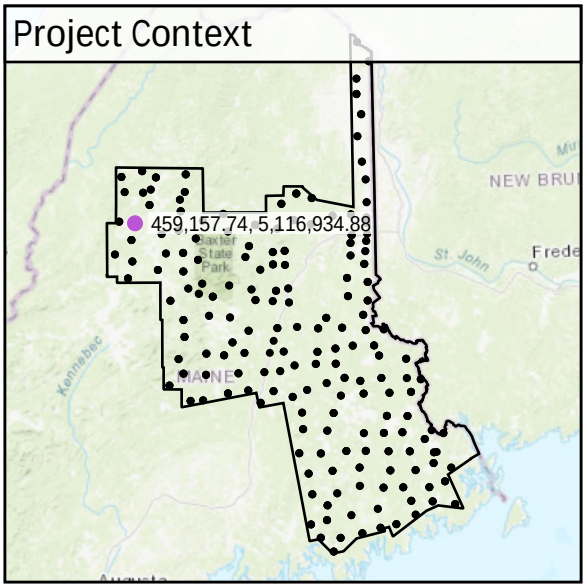
CAL - CA166

All Points TIN Dz 0.00 m

CA167

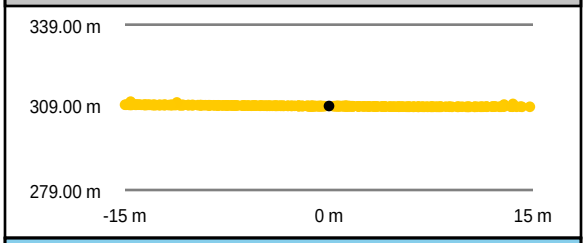
Known Z	309.48 m	Point Density	3.08 ppsm
DEM Dz	-0.04 m	Ground Density	3.08 ppsm
All Points TIN Dz	-0.05 m	Slope	2.22 °

Project Context

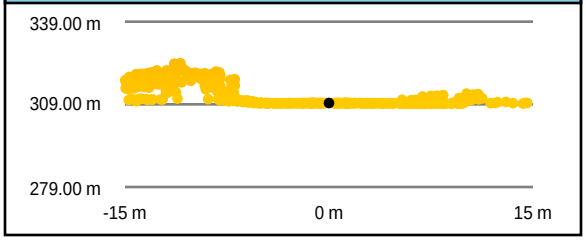


World Imagery

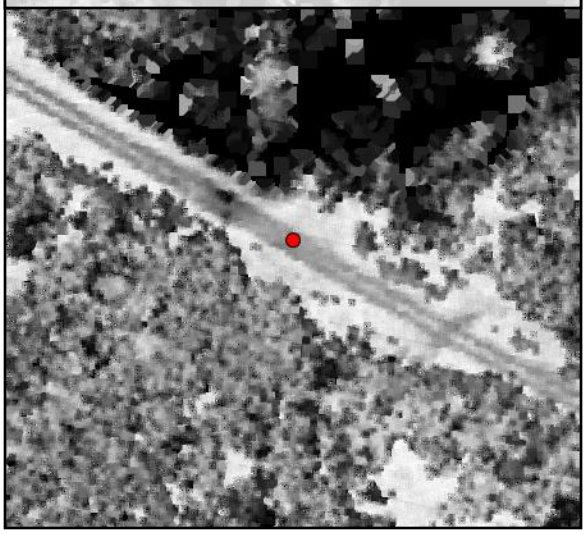
Southeast to Northwest



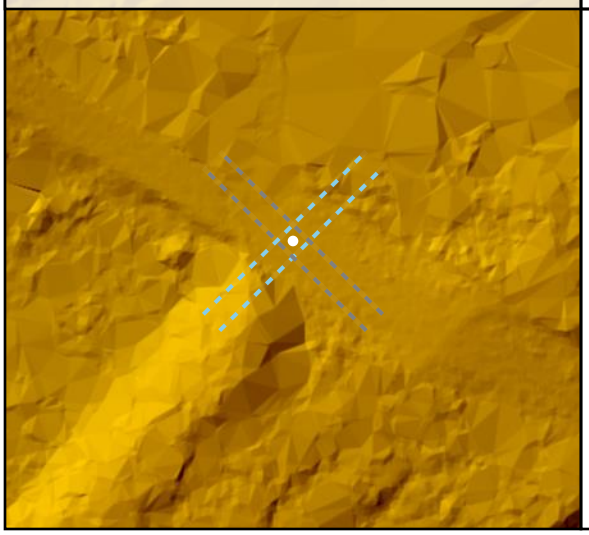
Southwest to Northeast



Intensity Raster

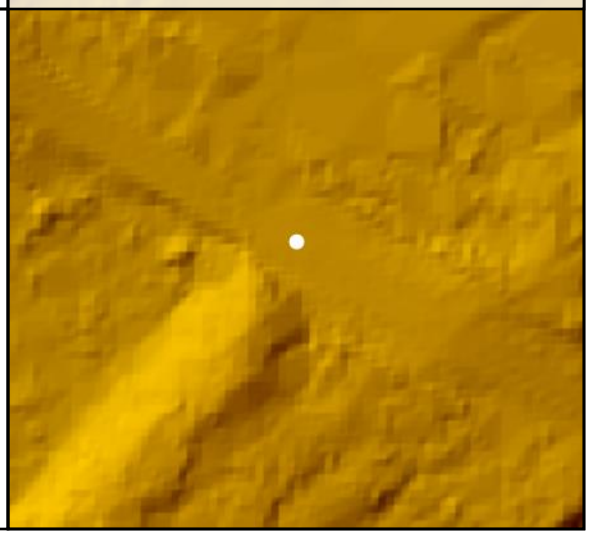


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

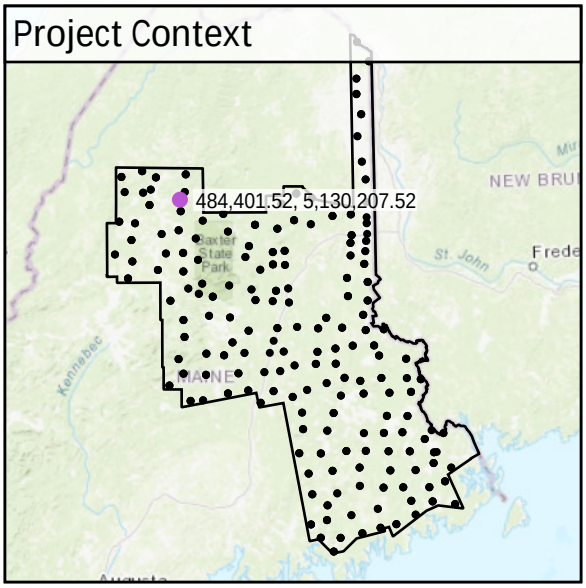
CAL - CA167

All Points TIN Dz -0.05 m

CA168

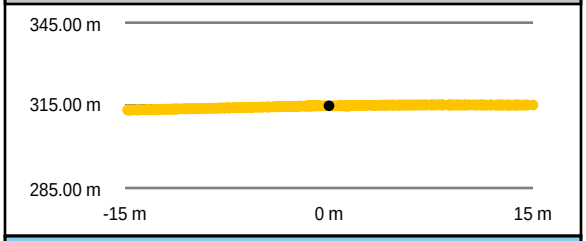
Known Z	314.83 m	Point Density	3.47 ppsm
DEM Dz	0.01 m	Ground Density	3.47 ppsm
All Points TIN Dz	0.01 m	Slope	5.16 °

Project Context

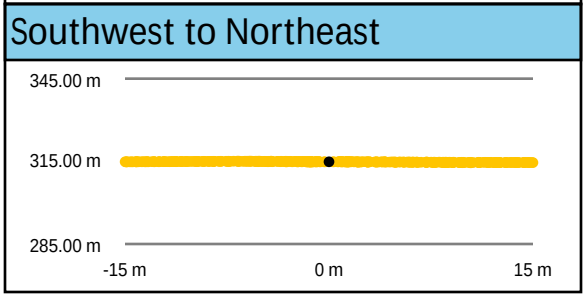


World Imagery

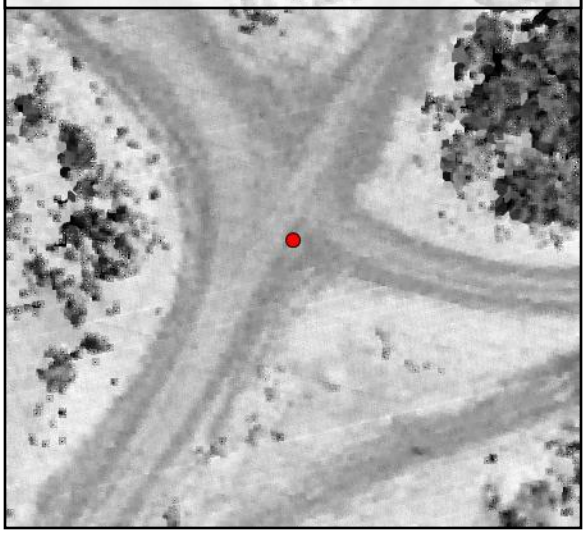
Southeast to Northwest



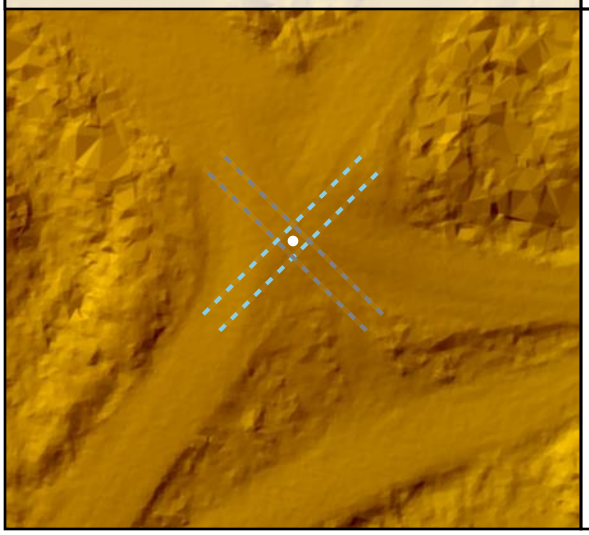
Southwest to Northeast



Intensity Raster

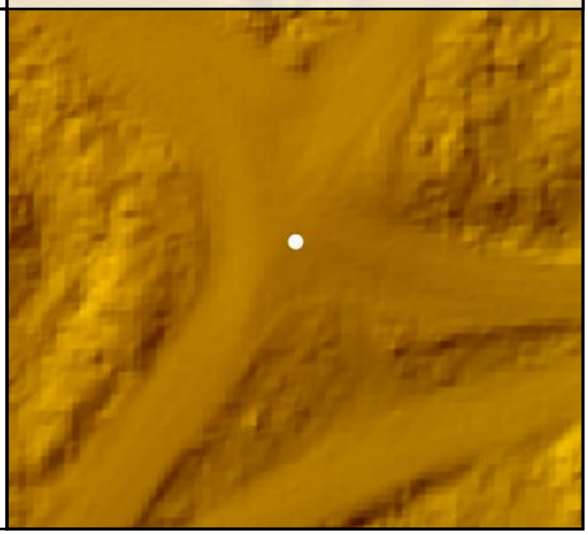


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

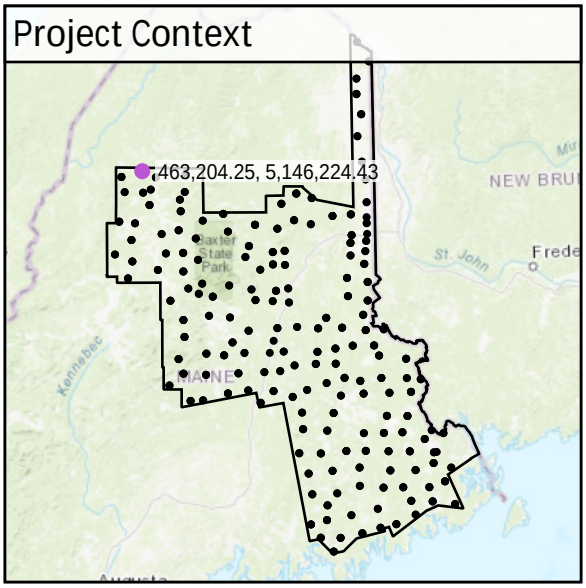
CAL - CA168

All Points TIN Dz +0.01 m

CA169

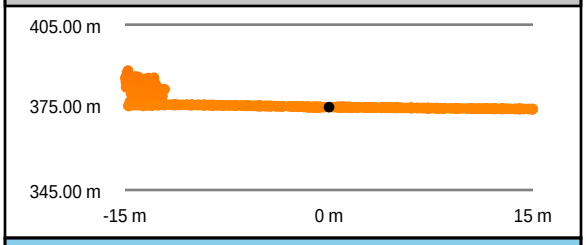
Known Z	375.07 m	Point Density	3.18 ppsm
DEM Dz	0.01 m	Ground Density	3.18 ppsm
All Points TIN Dz	0.00 m	Slope	3.84 °

Project Context

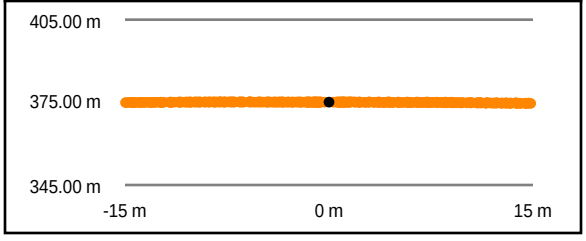


World Imagery

Southwest to Northeast

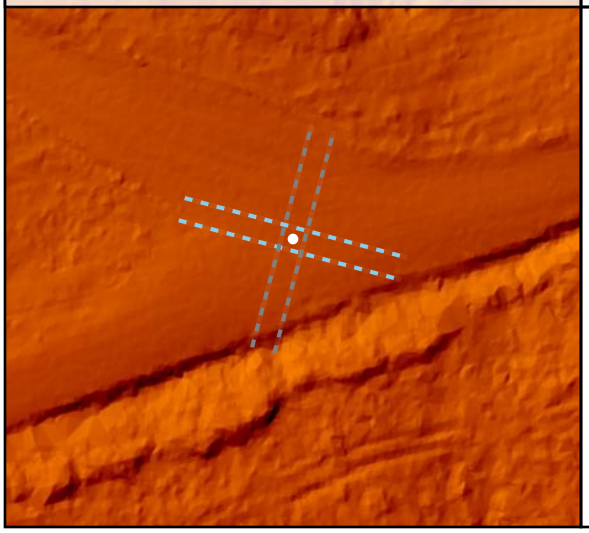


Southeast to Northwest



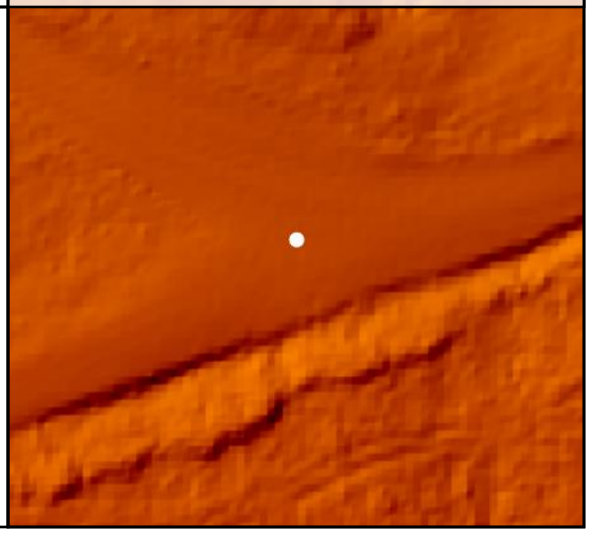
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

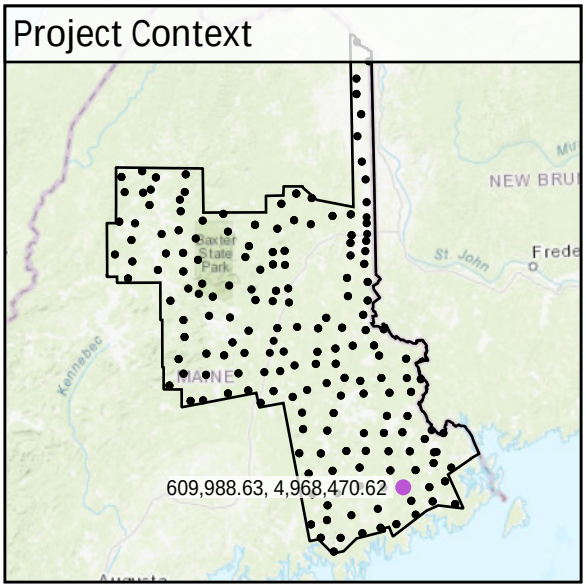
CAL - CA169

All Points TIN Dz 0.00 m

CA17

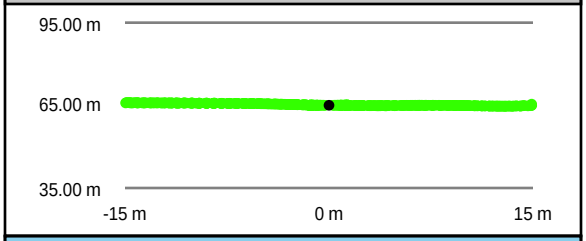
Known Z	65.02 m	Point Density	4.10 ppsm
DEM Dz	0.00 m	Ground Density	3.75 ppsm
All Points TIN Dz	0.00 m	Slope	4.37 °

Project Context

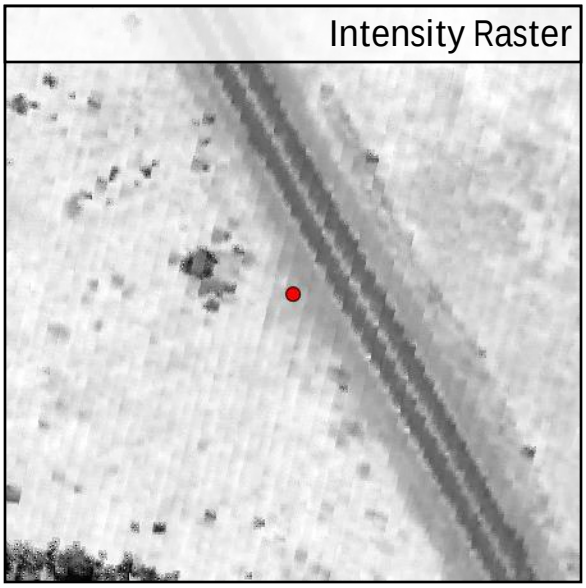


World Imagery

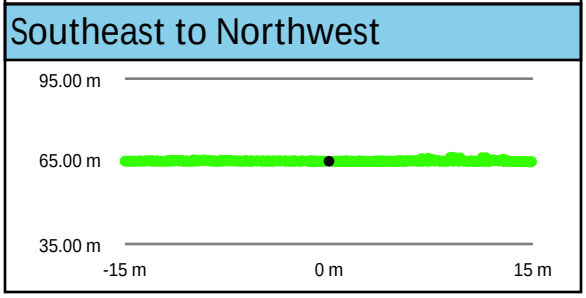
Southwest to Northeast



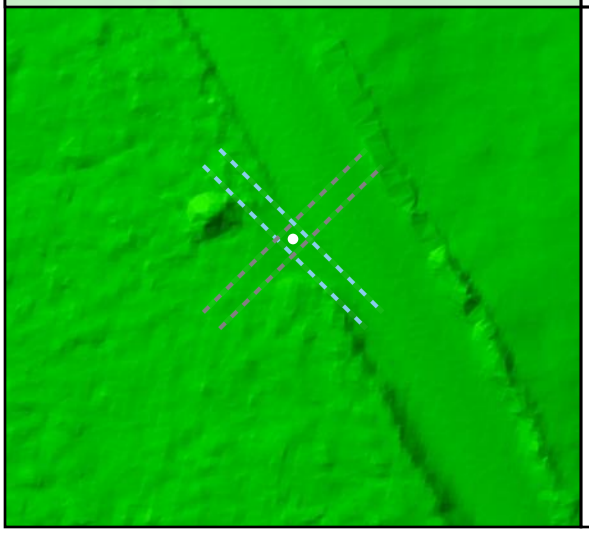
Intensity Raster



Southeast to Northwest

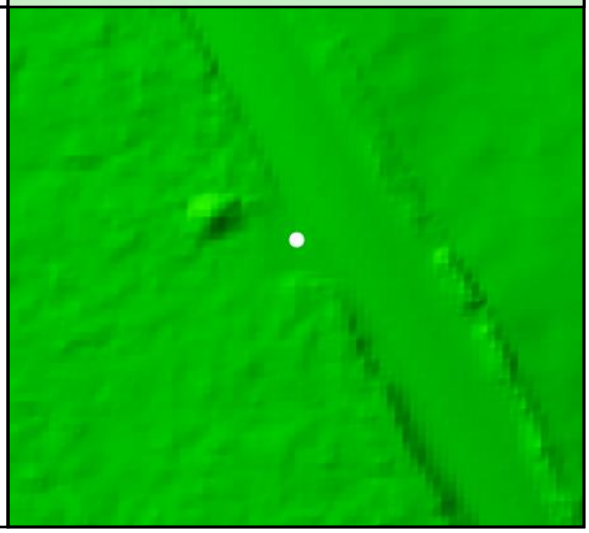


TIN Surface



Project Elevation

DEM Surface



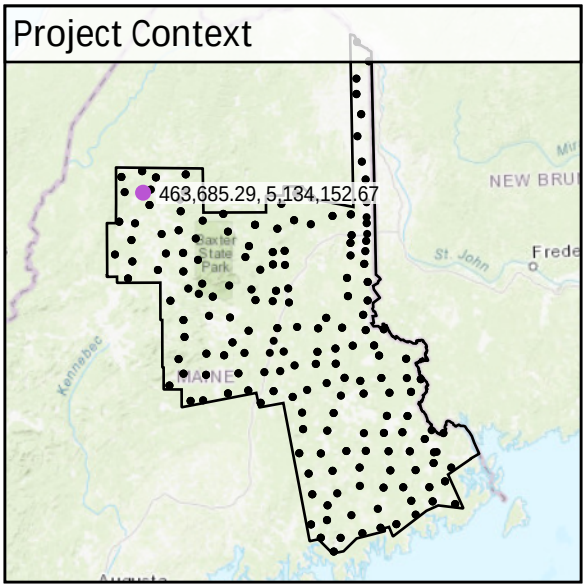
DEM Dz +0.00 m

CAL - CA17

All Points TIN Dz +0.00 m

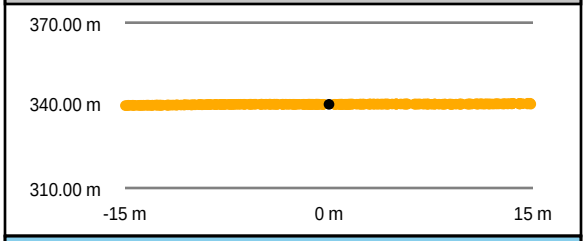
CA170				
	Known Z	340.37 m	Point Density	2.76 ppsm
	DEM Dz	0.00 m	Ground Density	2.76 ppsm
	All Points TIN Dz	0.00 m	Slope	1.11 °

Project Context

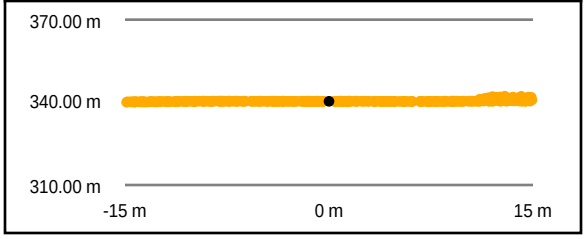


World Imagery

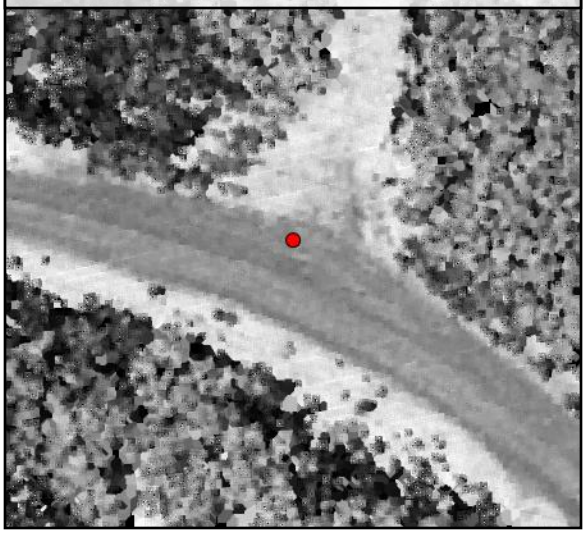
Southwest to Northeast



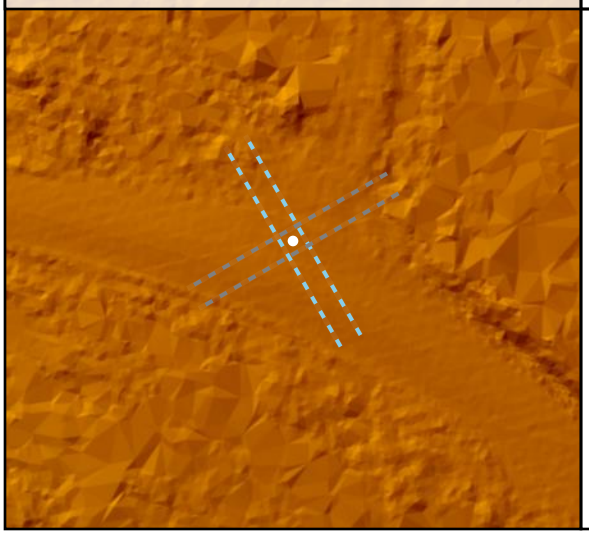
Southeast to Northwest



Intensity Raster



TIN Surface

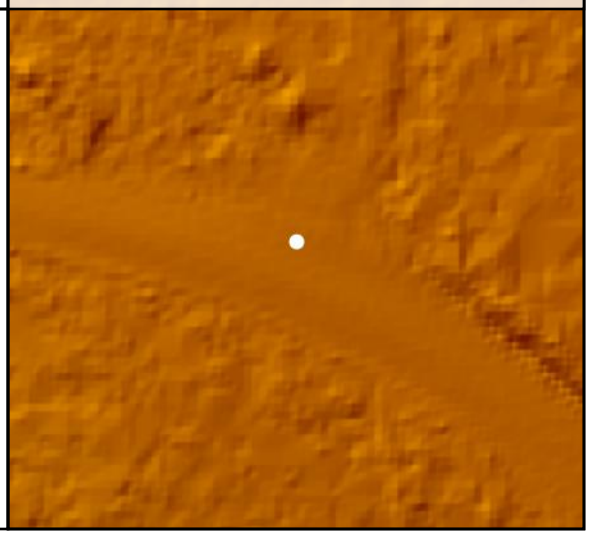


Project Elevation

501.87

16.77

DEM Surface



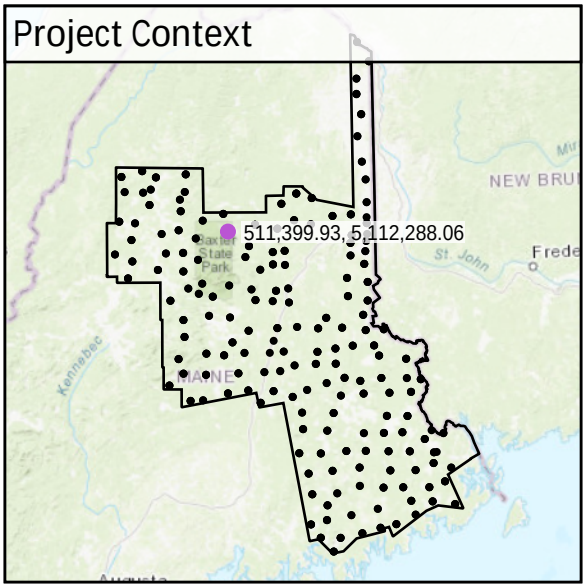
DEM Dz +0.00 m

CAL - CA170

All Points TIN Dz 0.00 m

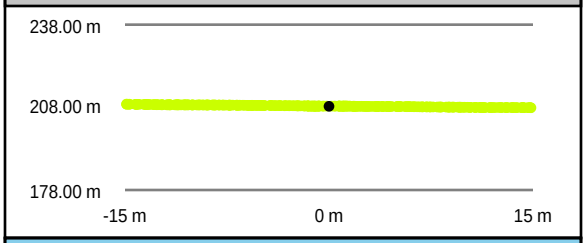
CA171				
	Known Z	208.37 m	Point Density	2.76 ppsm
	DEM Dz	0.08 m	Ground Density	2.76 ppsm
	All Points TIN Dz	0.08 m	Slope	2.49 °

Project Context

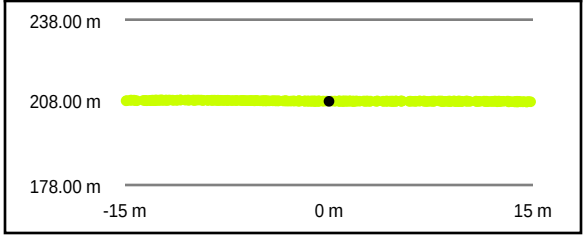


World Imagery

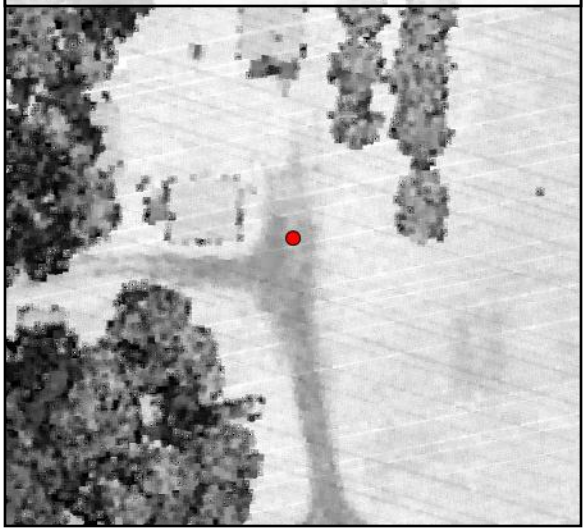
Southwest to Northeast



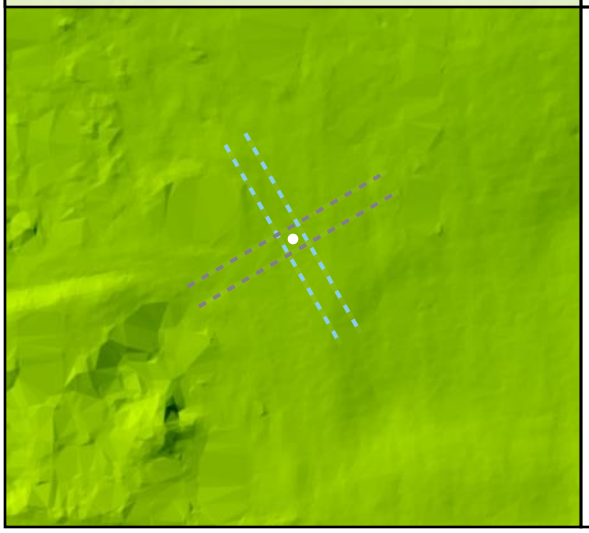
Southeast to Northwest



Intensity Raster

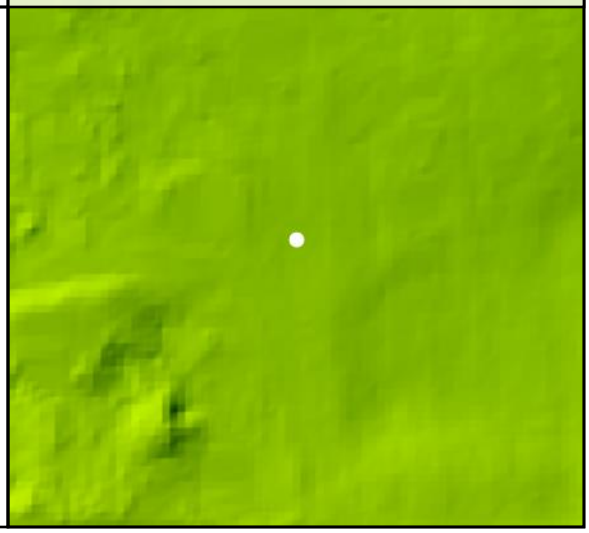


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

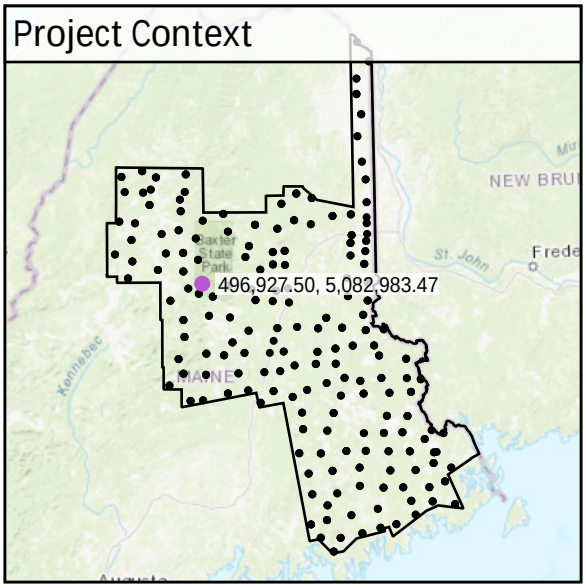
CAL - CA171

All Points TIN Dz +0.08 m

CA172

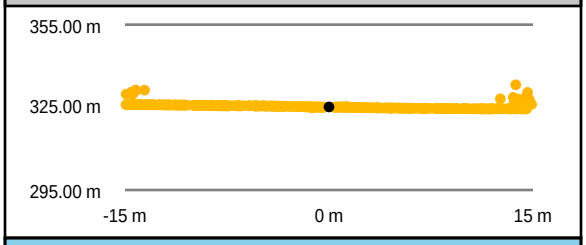
Known Z	325.14 m	Point Density	3.22 ppsm
DEM Dz	-0.08 m	Ground Density	3.22 ppsm
All Points TIN Dz	-0.08 m	Slope	4.79 °

Project Context

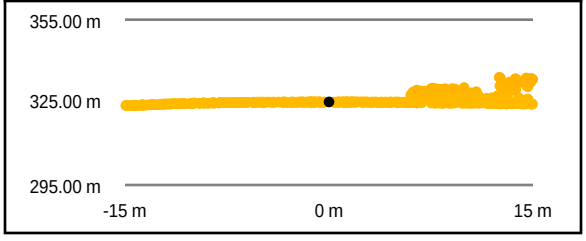


World Imagery

Southwest to Northeast

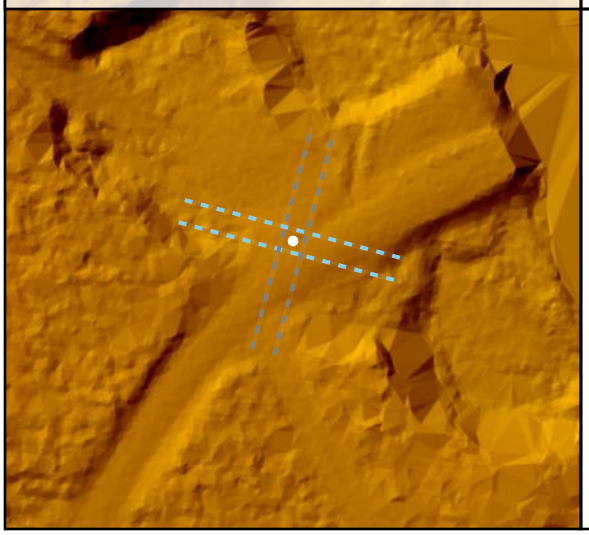


Southeast to Northwest



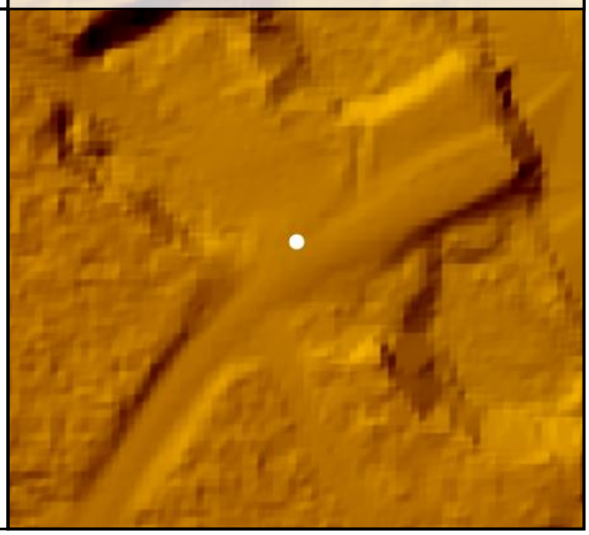
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

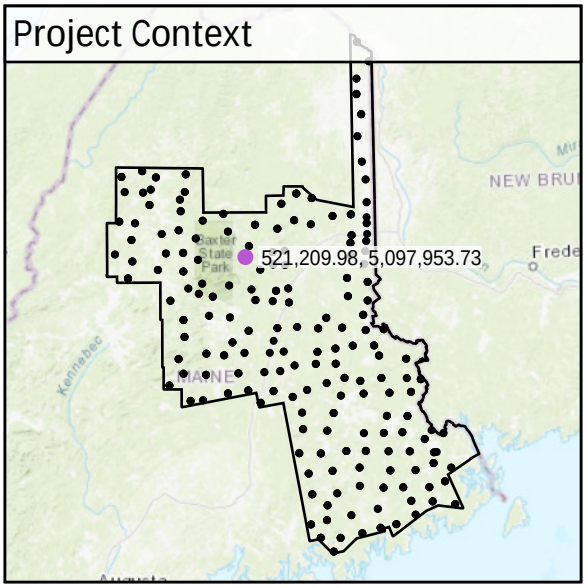
CAL - CA172

All Points TIN Dz -0.08 m

CA173

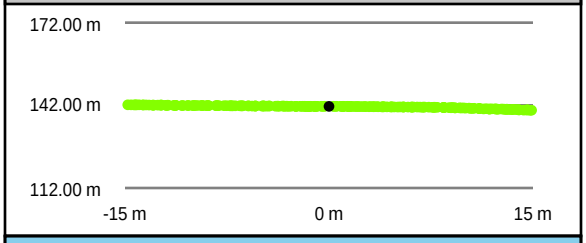
Known Z	141.62 m	Point Density	2.16 ppsm
DEM Dz	0.02 m	Ground Density	2.16 ppsm
All Points TIN Dz	0.03 m	Slope	1.30 °

Project Context

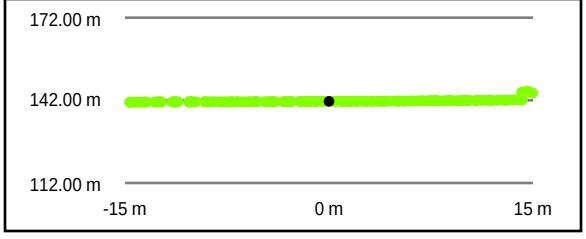


World Imagery

Southeast to Northwest

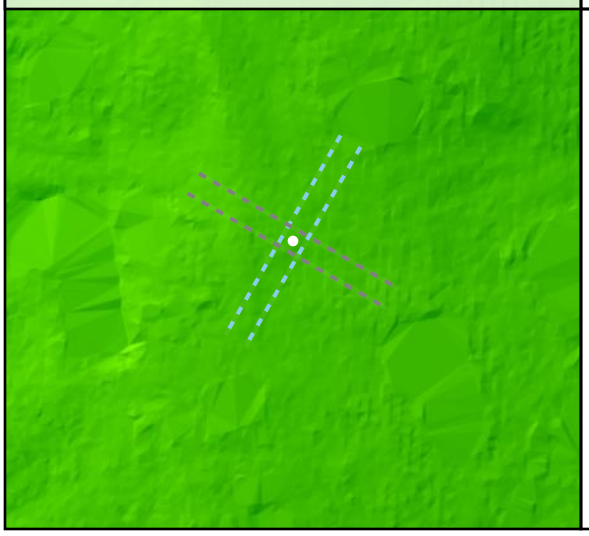


Southwest to Northeast



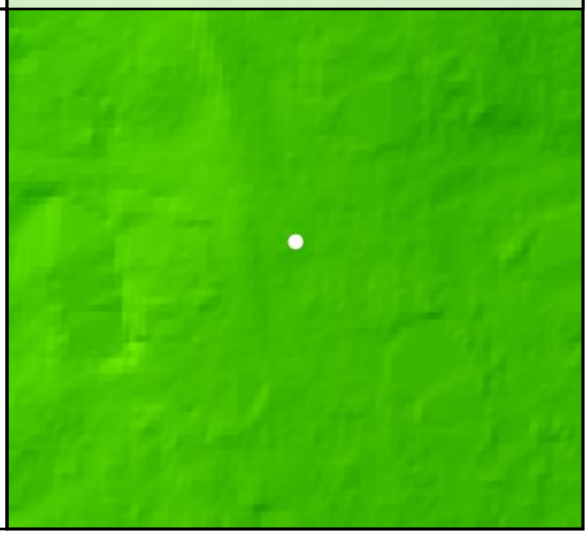
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

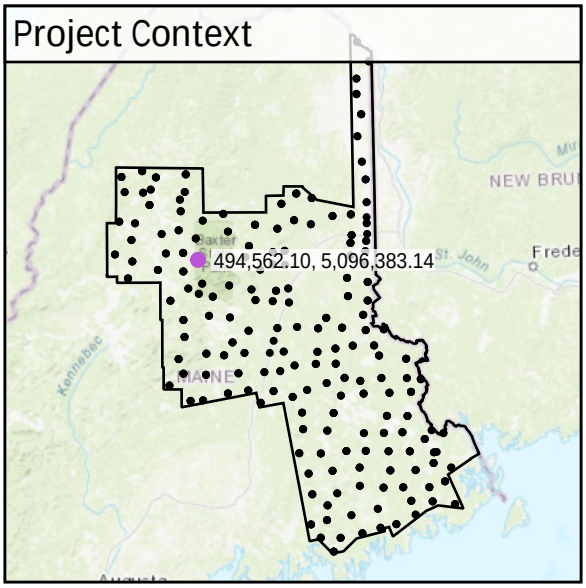
CAL - CA173

All Points TIN Dz +0.03 m

CA174

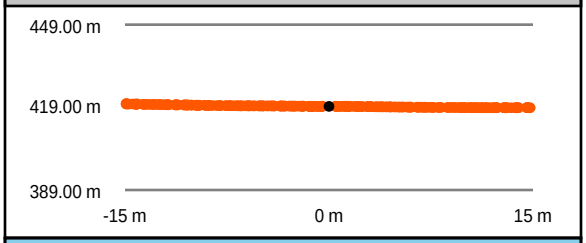
Known Z	419.34 m	Point Density	2.44 ppsm
DEM Dz	0.03 m	Ground Density	2.44 ppsm
All Points TIN Dz	0.04 m	Slope	1.65 °

Project Context

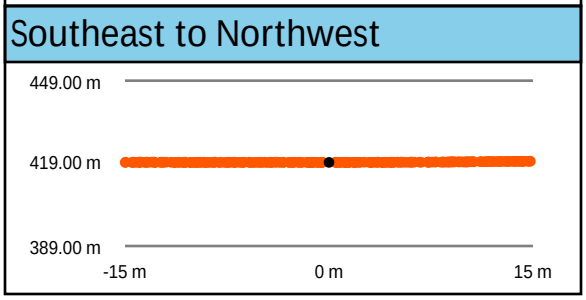


World Imagery

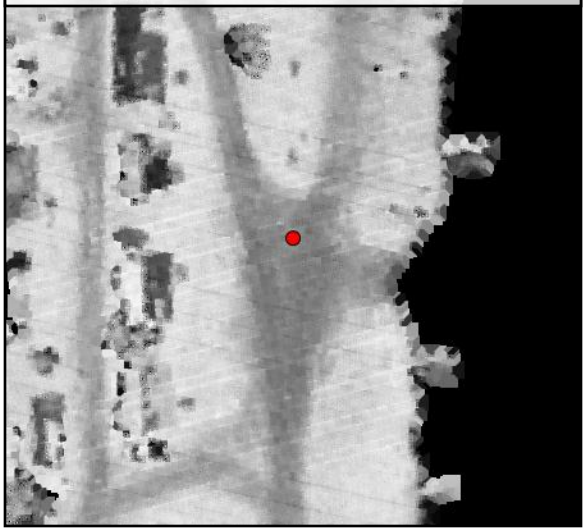
Southwest to Northeast



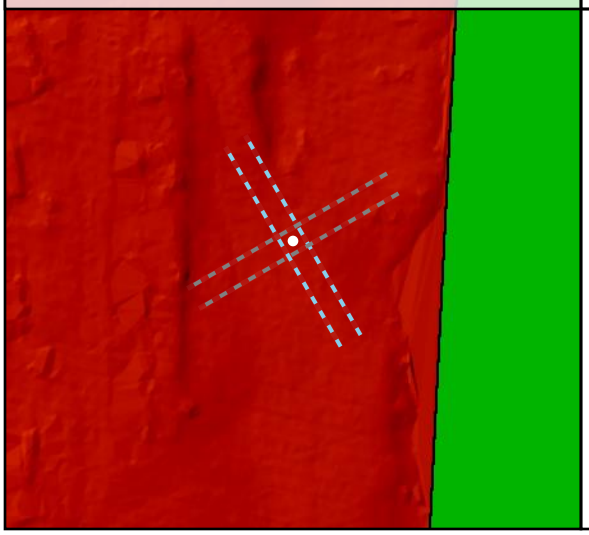
Southeast to Northwest



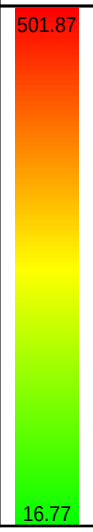
Intensity Raster



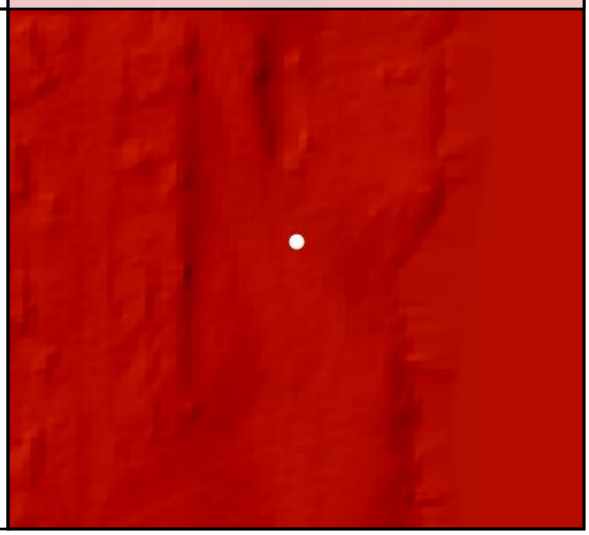
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

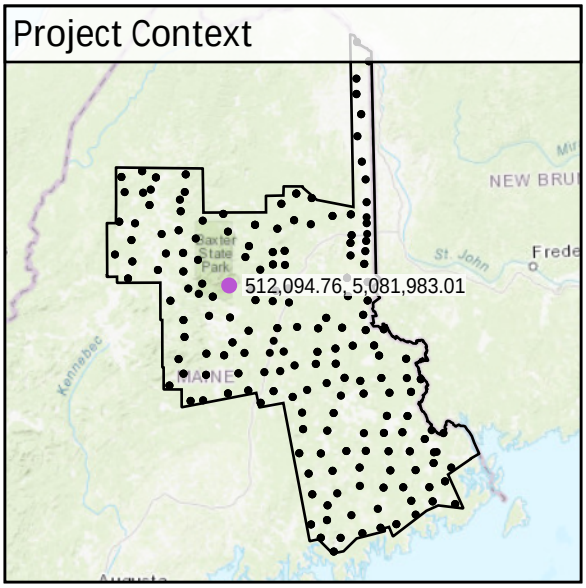
CAL - CA174

All Points TIN Dz +0.04 m

CA175

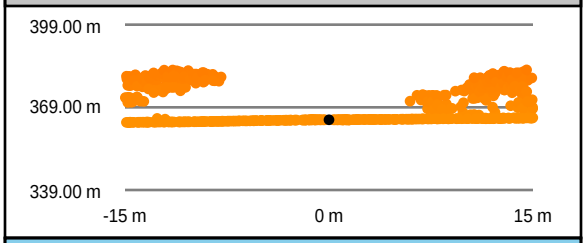
Known Z	364.48 m	Point Density	2.65 ppsm
DEM Dz	-0.01 m	Ground Density	2.65 ppsm
All Points TIN Dz	0.00 m	Slope	2.77 °

Project Context

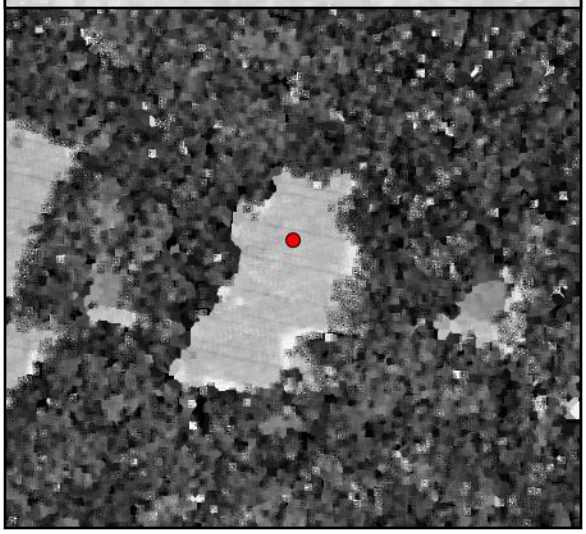


World Imagery

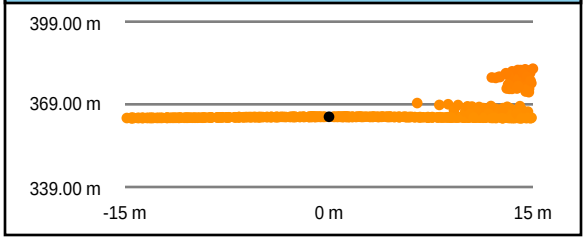
Southeast to Northwest



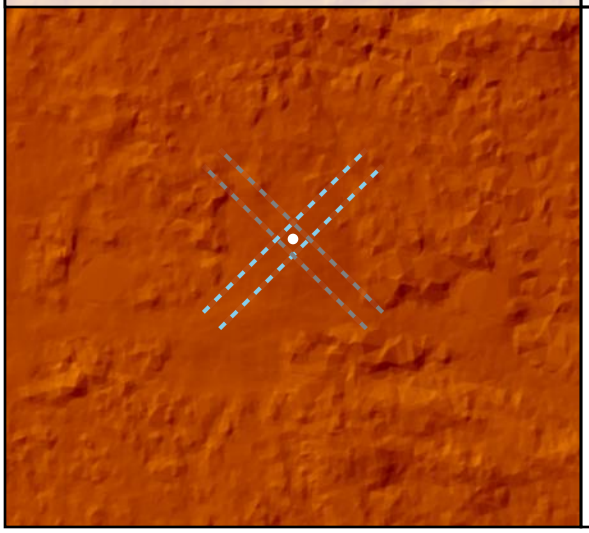
Intensity Raster



Southwest to Northeast

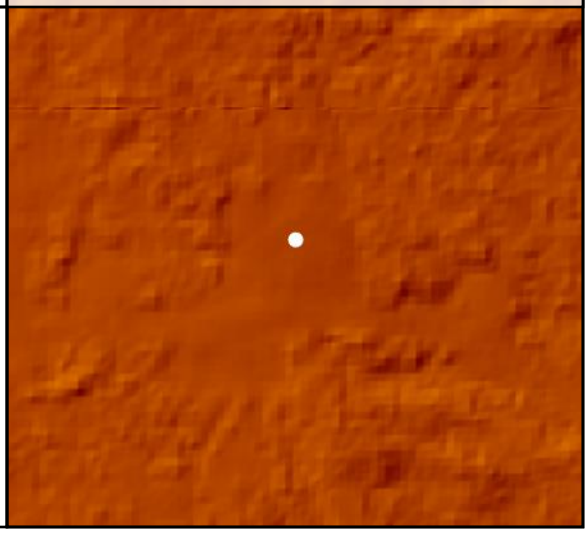


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz 0.00 m

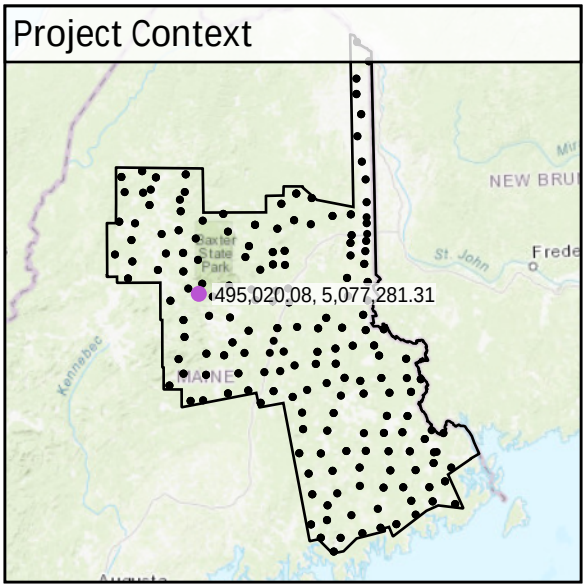
CAL - CA175

DEM Dz -0.01 m

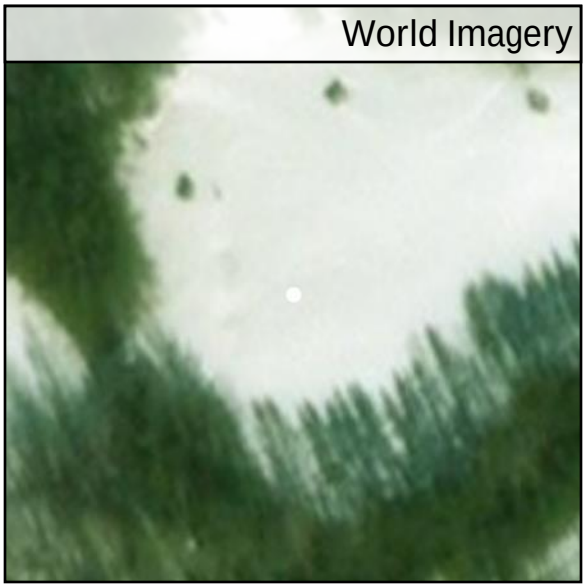
CA176

Known Z	181.98 m	Point Density	2.69 ppsm
DEM Dz	0.02 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.03 m	Slope	0.47 °

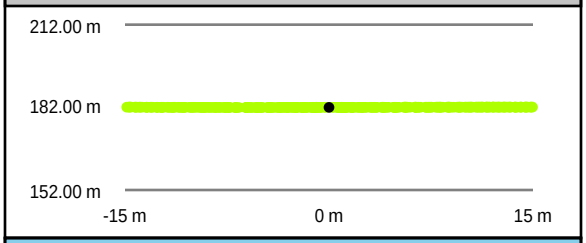
Project Context



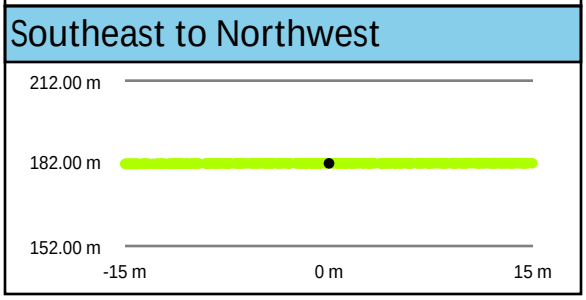
World Imagery



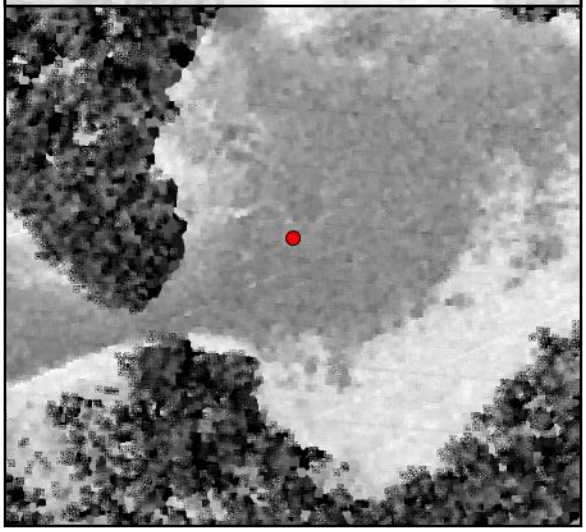
Southwest to Northeast



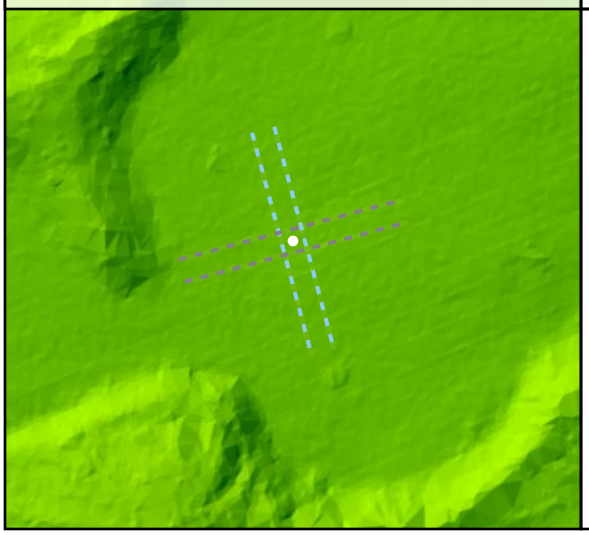
Southeast to Northwest



Intensity Raster

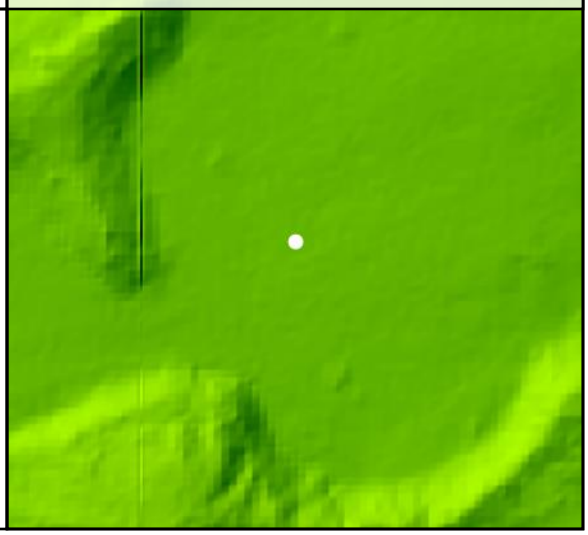


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

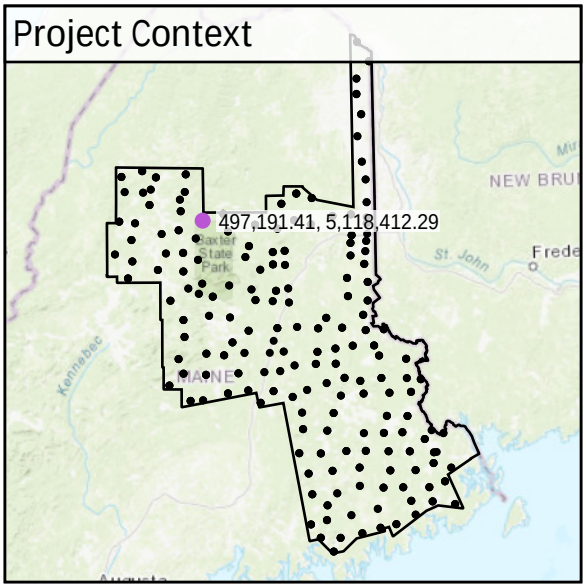
CAL - CA176

All Points TIN Dz +0.03 m

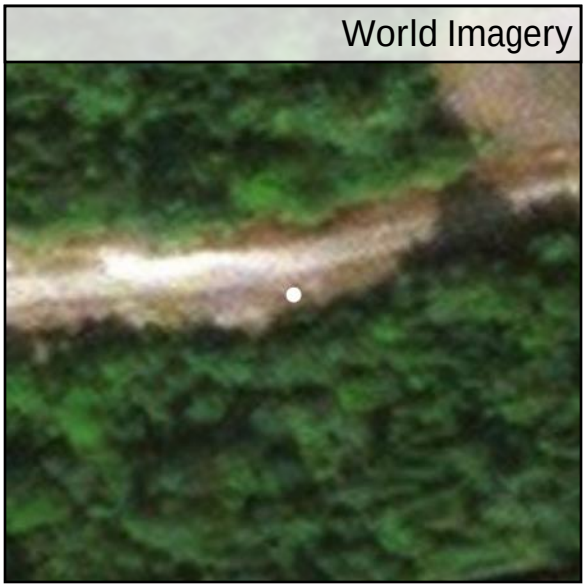
CA177

Known Z	260.89 m	Point Density	2.79 ppsm
DEM Dz	0.02 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.02 m	Slope	3.05 °

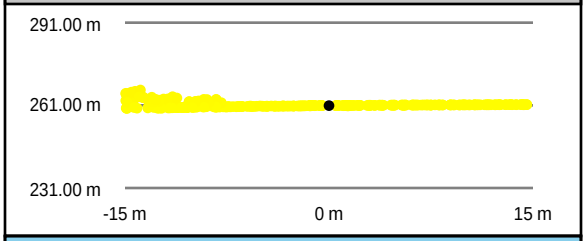
Project Context



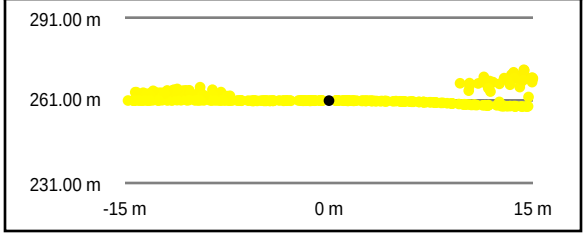
World Imagery



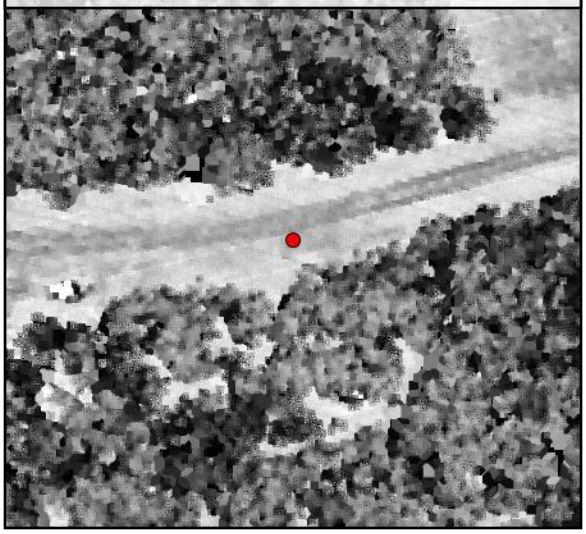
Southeast to Northwest



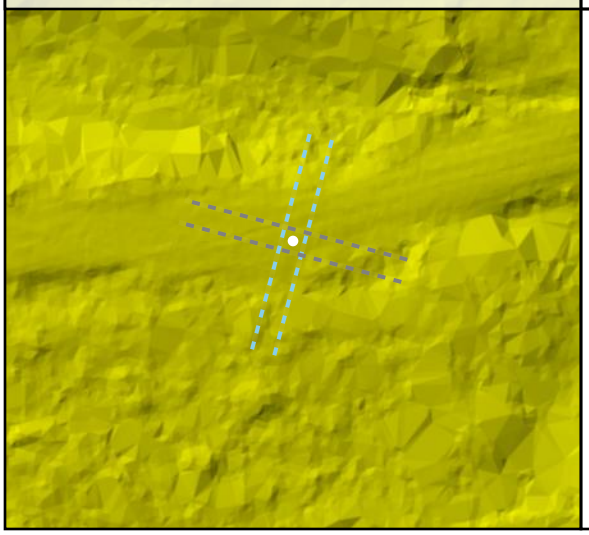
Southwest to Northeast



Intensity Raster

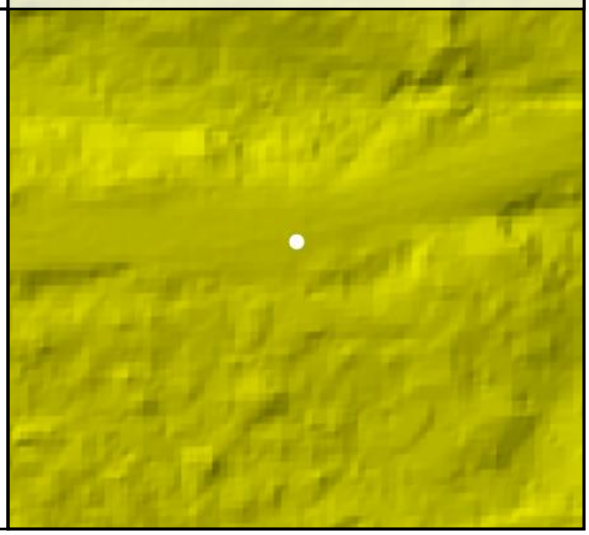


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

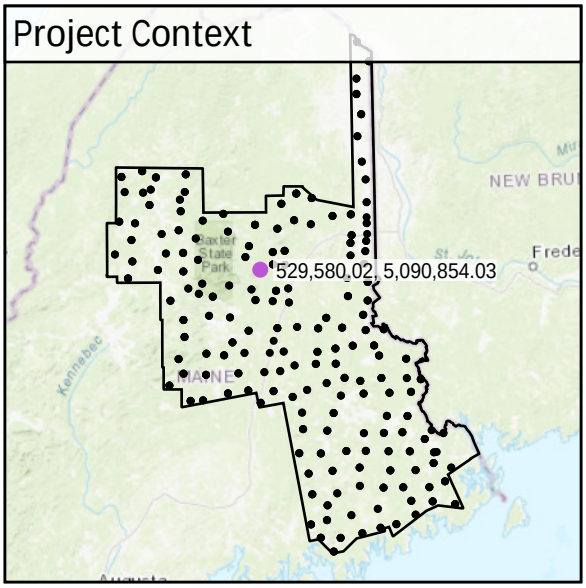
CAL - CA177

All Points TIN Dz +0.02 m

CA178

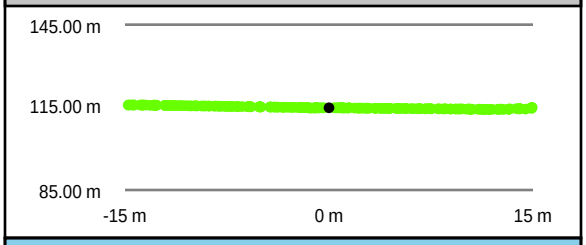
Known Z	114.84 m	Point Density	2.09 ppsm
DEM Dz	-0.01 m	Ground Density	2.09 ppsm
All Points TIN Dz	-0.02 m	Slope	3.70 °

Project Context

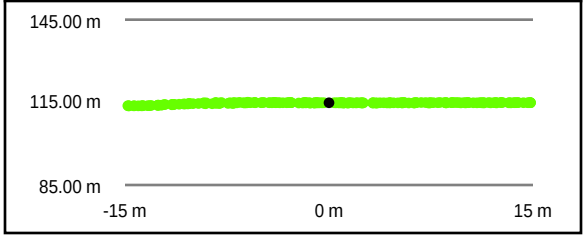


World Imagery

Southwest to Northeast

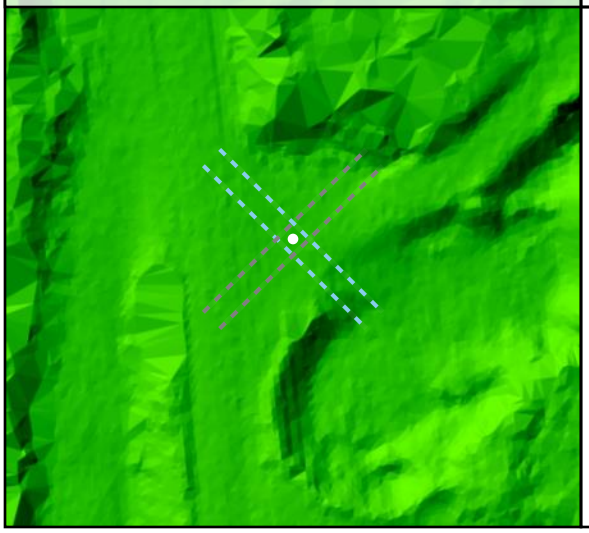


Southeast to Northwest



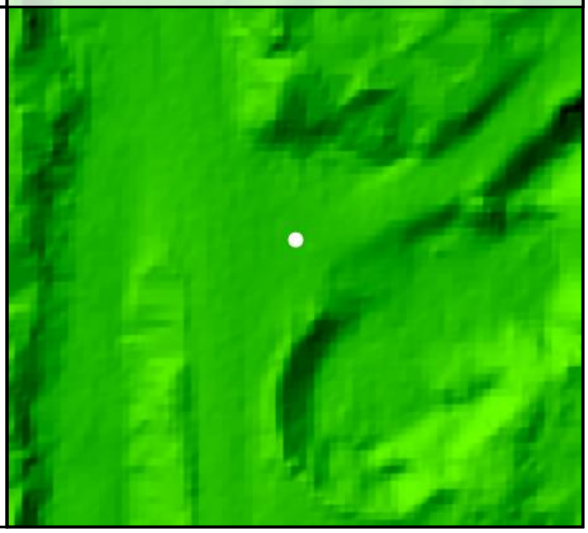
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

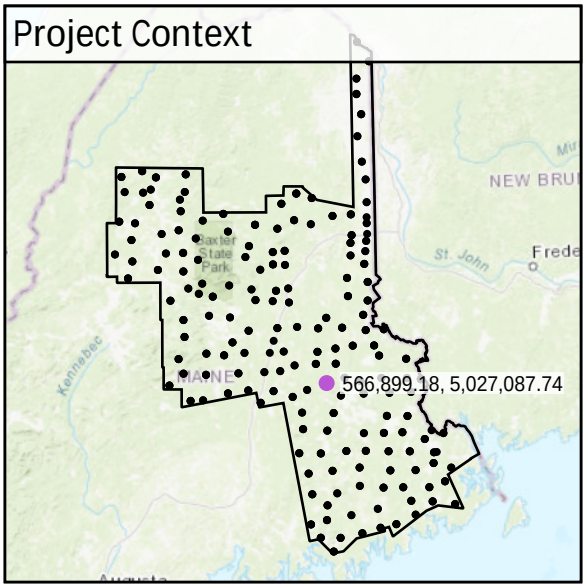
CAL - CA178

All Points TIN Dz -0.02 m

CA179

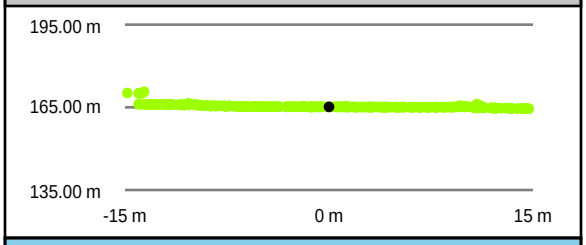
Known Z	165.16 m	Point Density	2.62 ppsm
DEM Dz	0.02 m	Ground Density	2.62 ppsm
All Points TIN Dz	0.01 m	Slope	1.92 °

Project Context

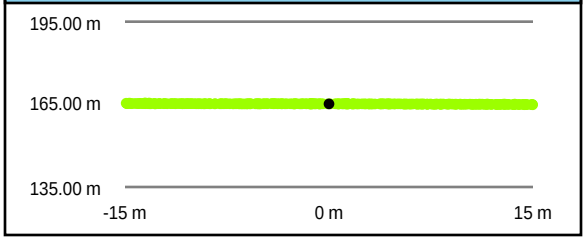


World Imagery

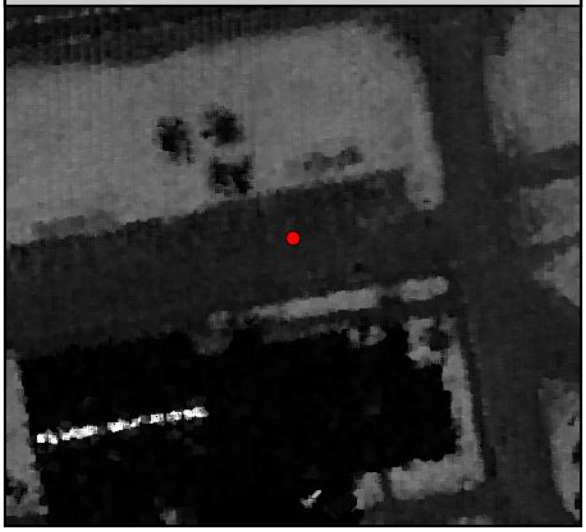
Southwest to Northeast



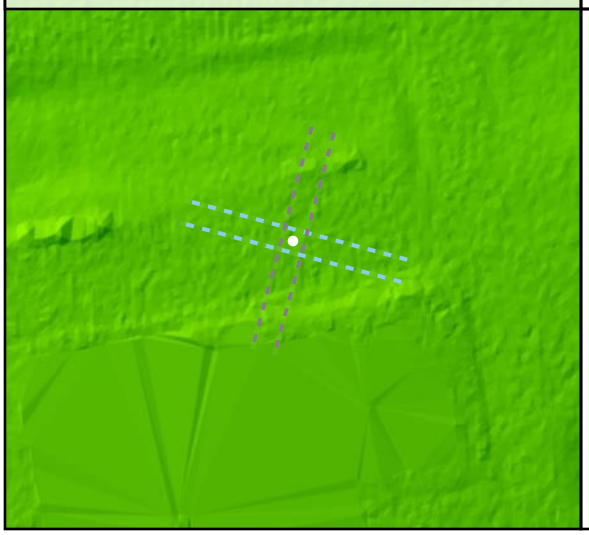
Southeast to Northwest



Intensity Raster

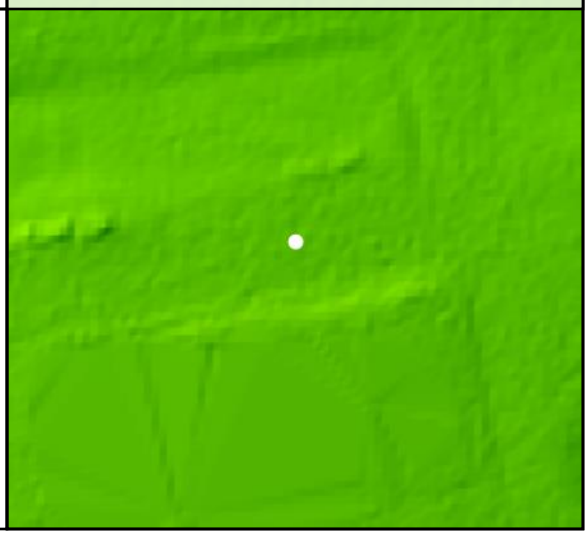


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

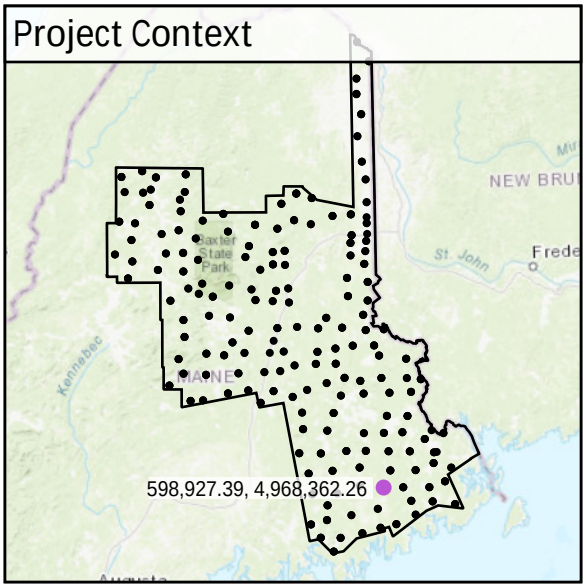
CAL - CA179

All Points TIN Dz +0.01 m

CA18

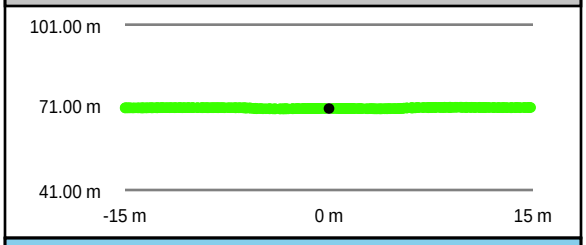
Known Z	70.57 m	Point Density	2.90 ppsm
DEM Dz	0.01 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.01 m	Slope	0.34 °

Project Context

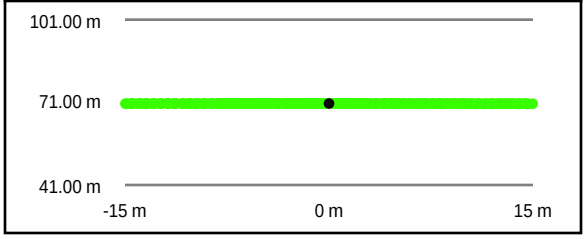


World Imagery

Southeast to Northwest

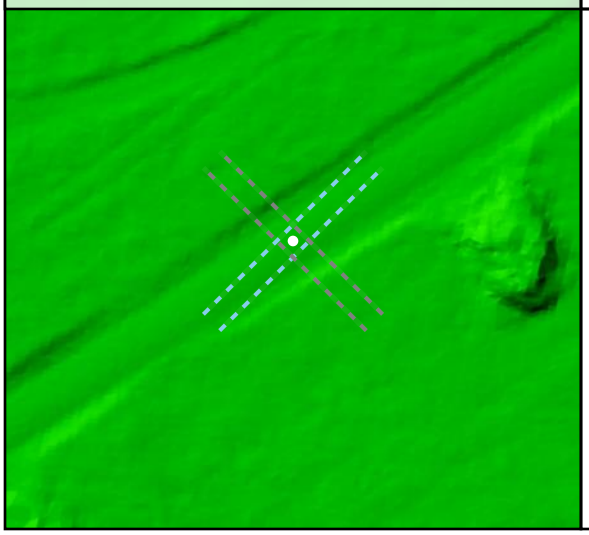


Southwest to Northeast

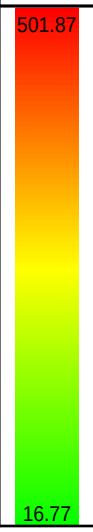


Intensity Raster

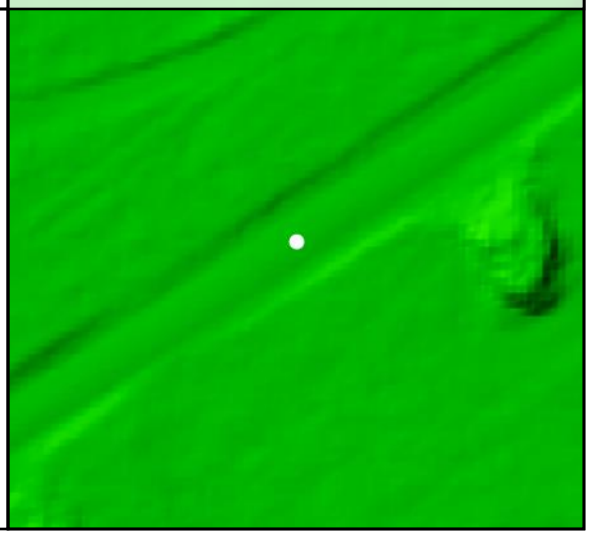
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

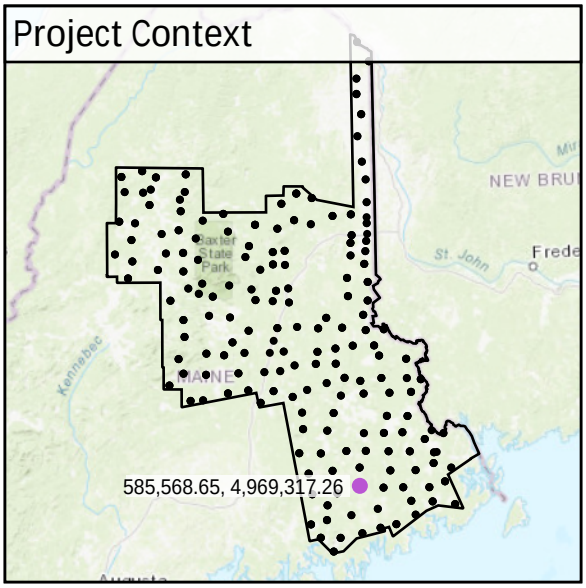
CAL - CA18

All Points TIN Dz +0.01 m

CA19

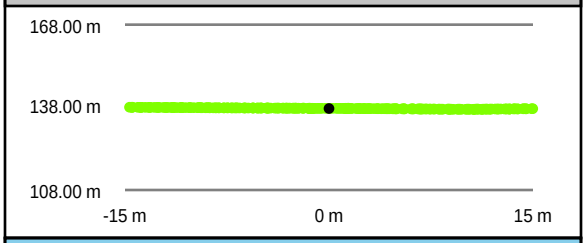
Known Z	137.57 m	Point Density	2.51 ppsm
DEM Dz	0.06 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.07 m	Slope	1.63 °

Project Context

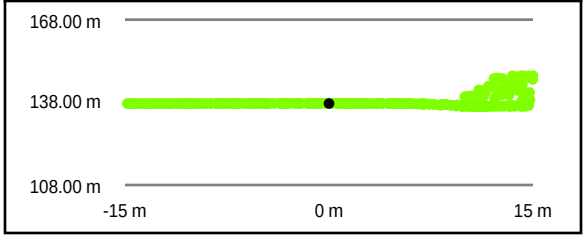


World Imagery

Southeast to Northwest

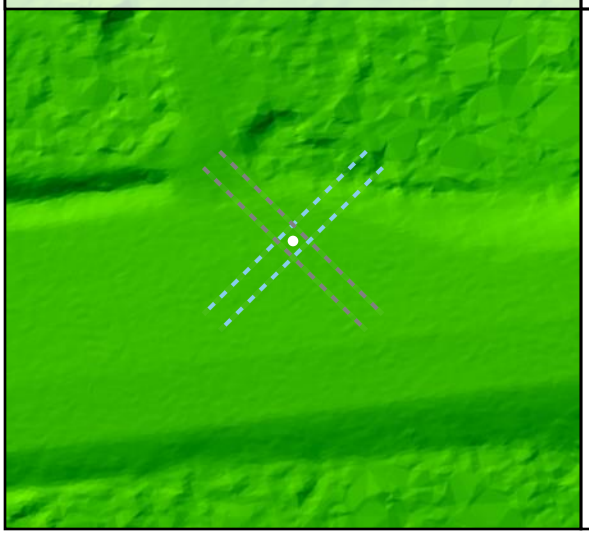


Southwest to Northeast



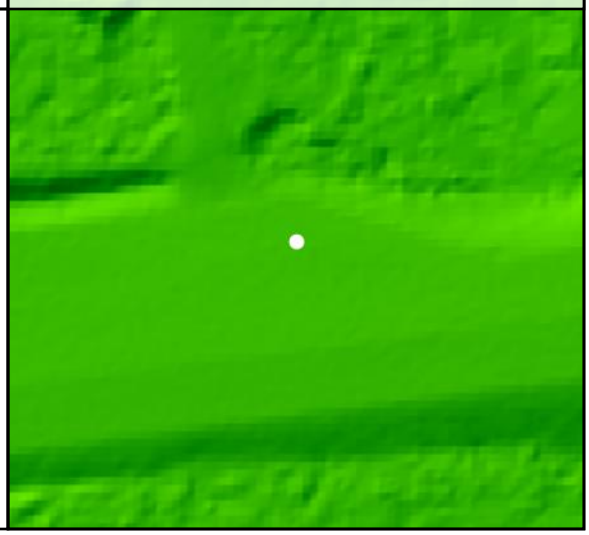
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



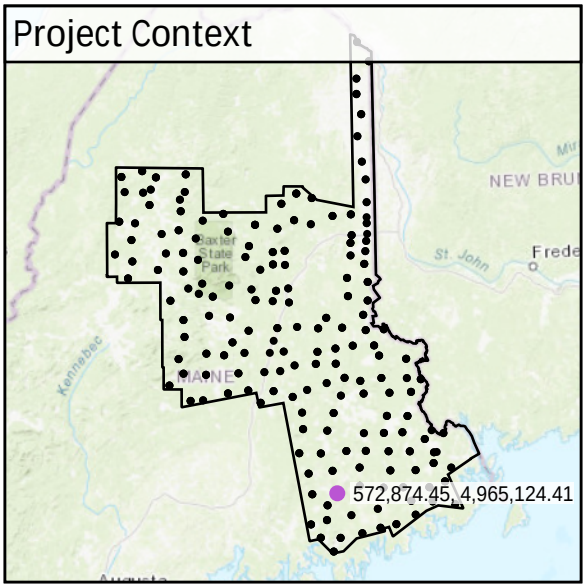
DEM Dz +0.06 m

CAL - CA19

All Points TIN Dz +0.07 m

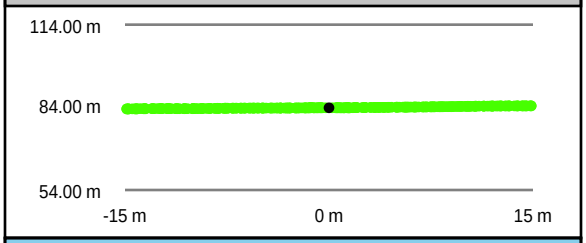
CA20				
	Known Z	83.83 m	Point Density	2.83 ppsm
	DEM Dz	0.01 m	Ground Density	2.83 ppsm
	All Points TIN Dz	0.01 m	Slope	1.82 °

Project Context



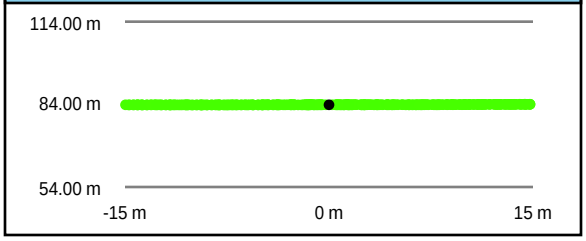
World Imagery

Southeast to Northwest

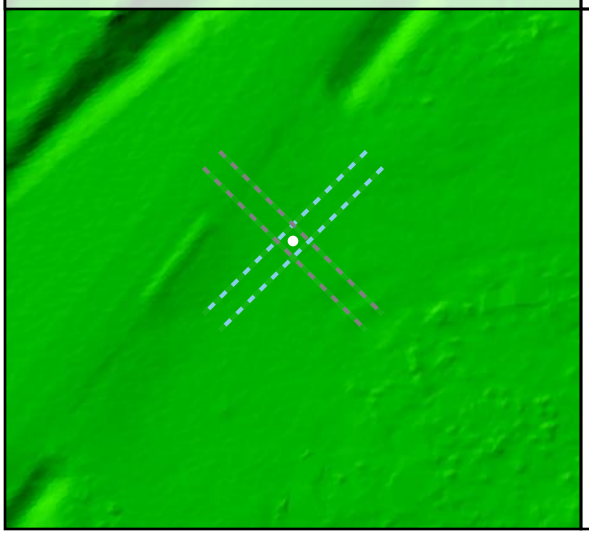


Intensity Raster

Southwest to Northeast

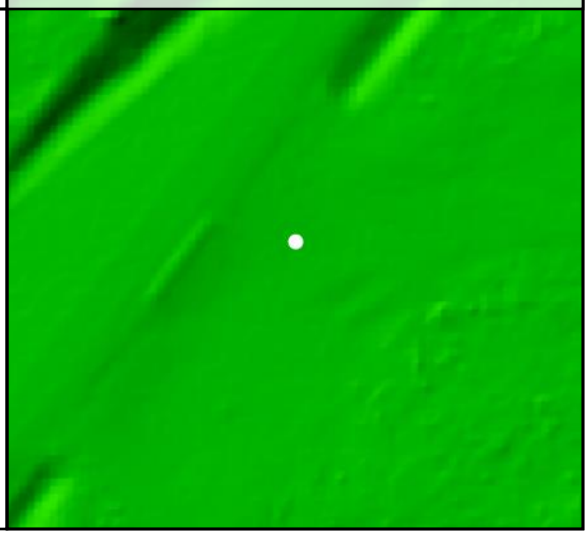


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz +0.01 m

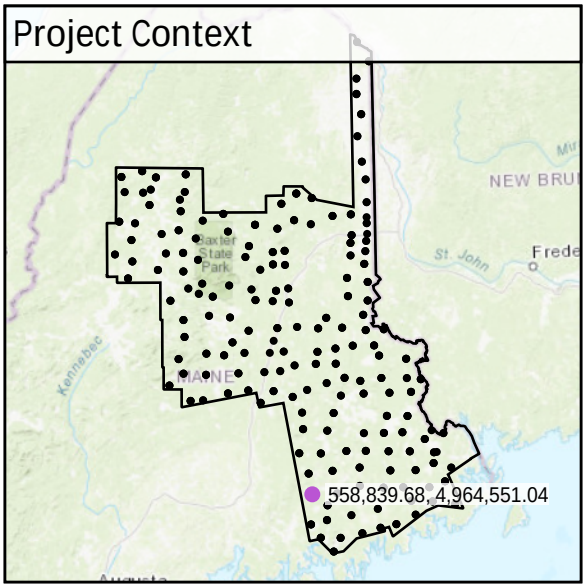
CAL - CA20

DEM Dz +0.01 m

CA21

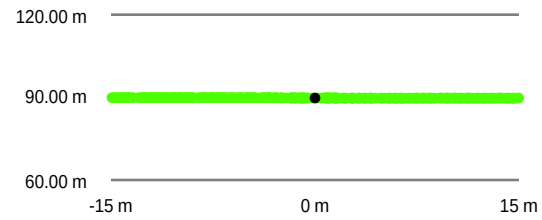
Known Z	89.74 m	Point Density	2.51 ppsm
DEM Dz	0.02 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.03 m	Slope	1.58 °

Project Context

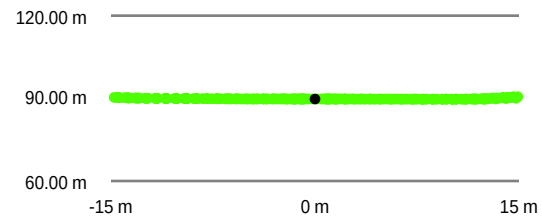


World Imagery

Southwest to Northeast

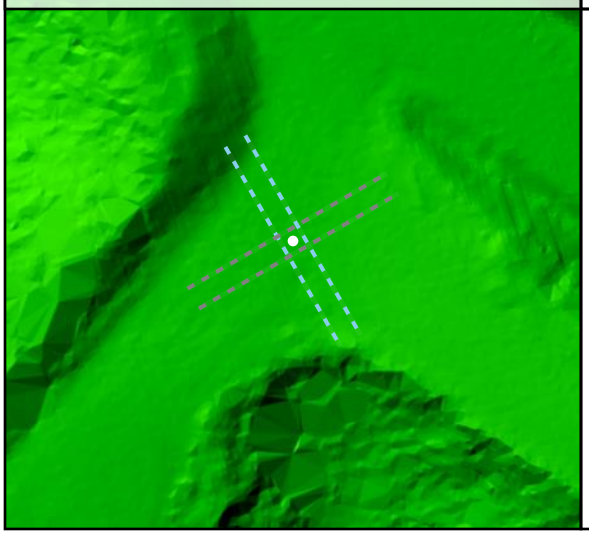


Southeast to Northwest



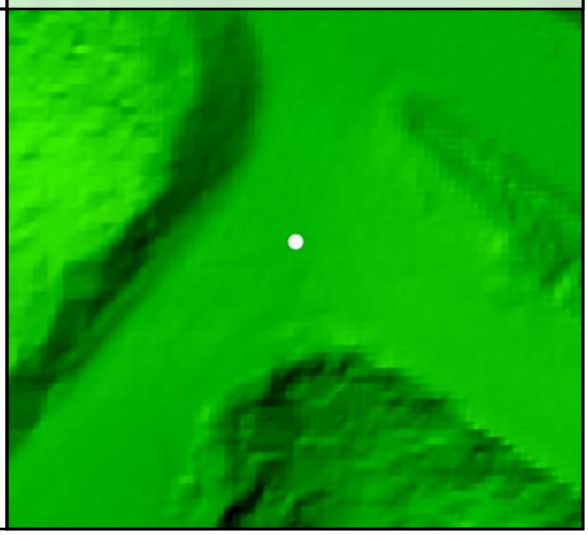
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



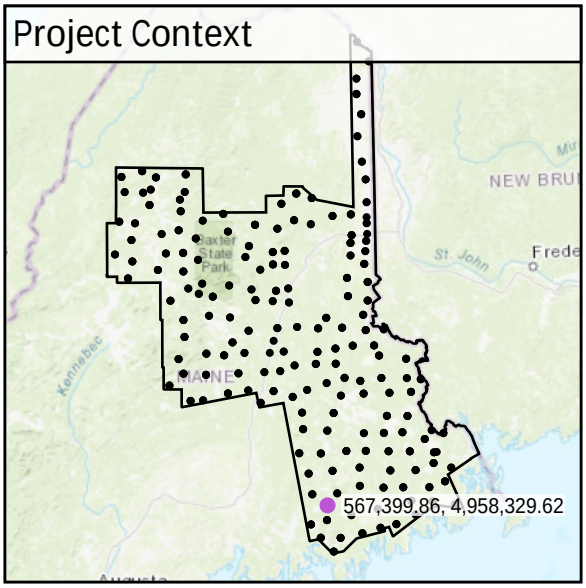
DEM Dz +0.02 m

CAL - CA21

All Points TIN Dz +0.03 m

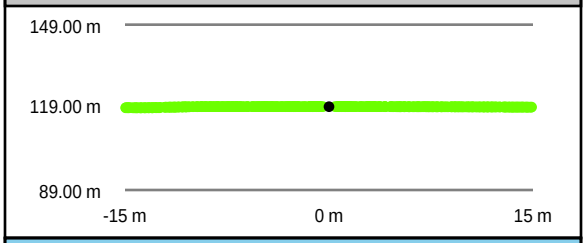
CA22				
	Known Z	119.23 m	Point Density	4.10 ppsm
	DEM Dz	0.02 m	Ground Density	4.03 ppsm
	All Points TIN Dz	0.03 m	Slope	0.19 °

Project Context

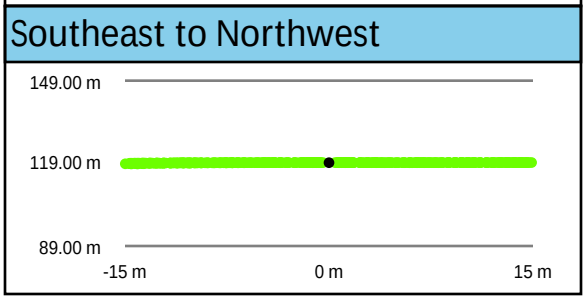


World Imagery

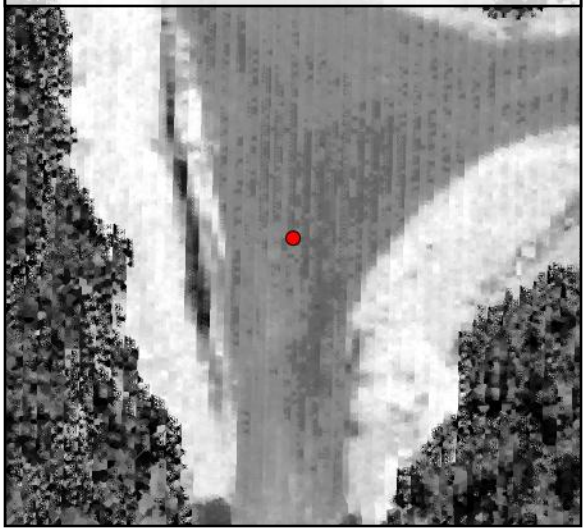
Southwest to Northeast



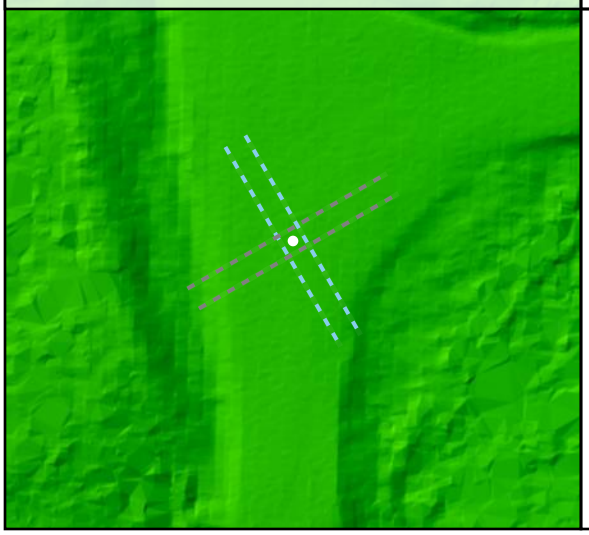
Southeast to Northwest



Intensity Raster

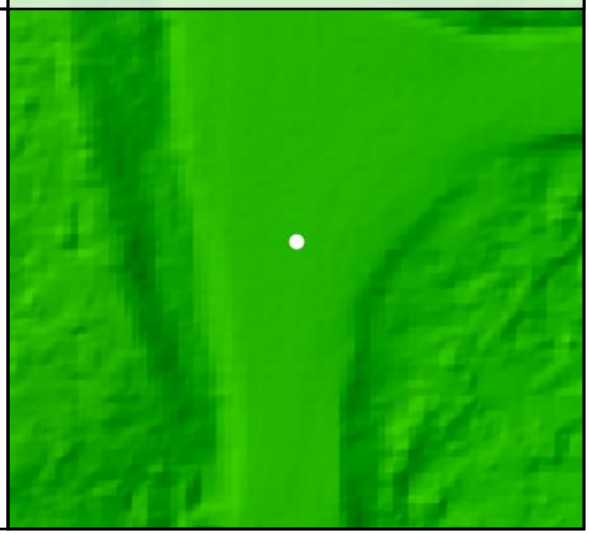


TIN Surface



Project Elevation

DEM Surface



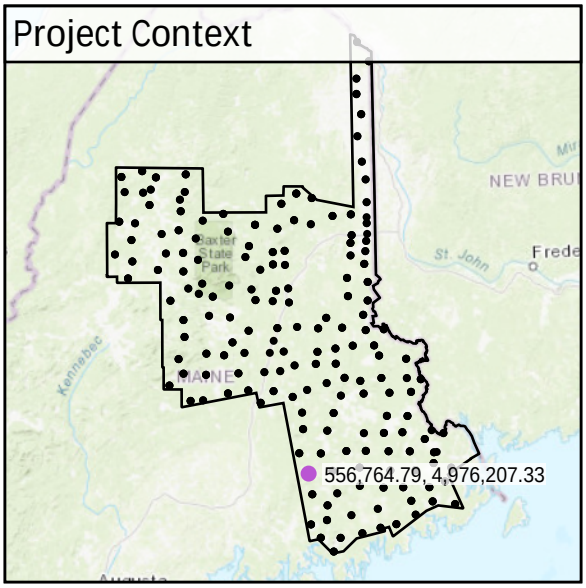
DEM Dz +0.02 m

CAL - CA22

All Points TIN Dz +0.03 m

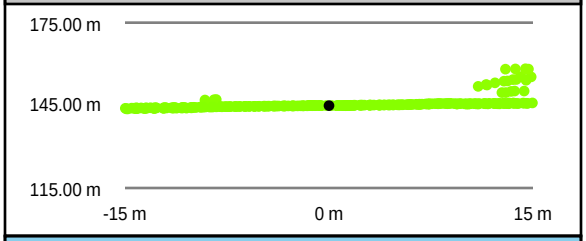
CA23				
	Known Z	144.89 m	Point Density	2.62 ppsm
	DEM Dz	0.02 m	Ground Density	2.62 ppsm
	All Points TIN Dz	0.02 m	Slope	3.22 °

Project Context

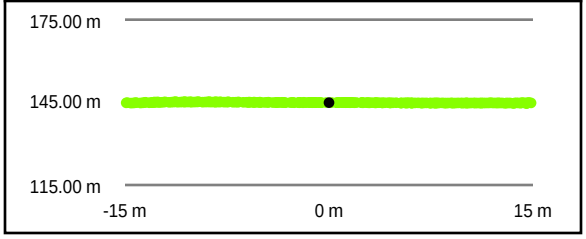


World Imagery

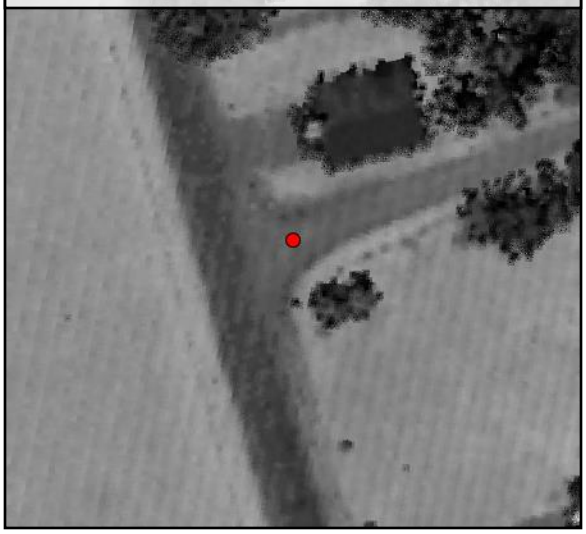
South to North



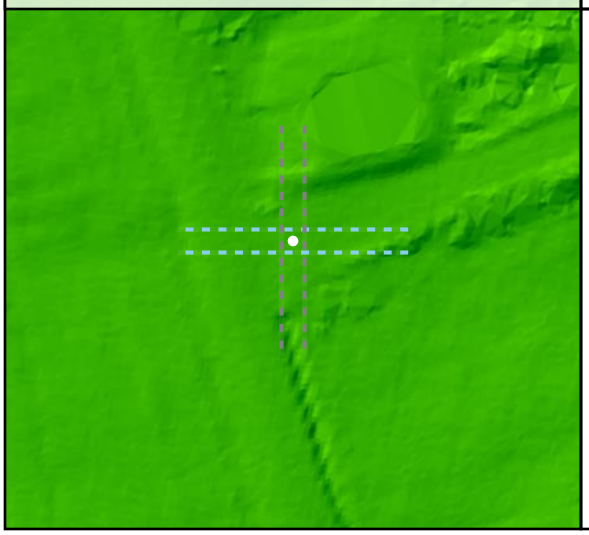
West to East



Intensity Raster

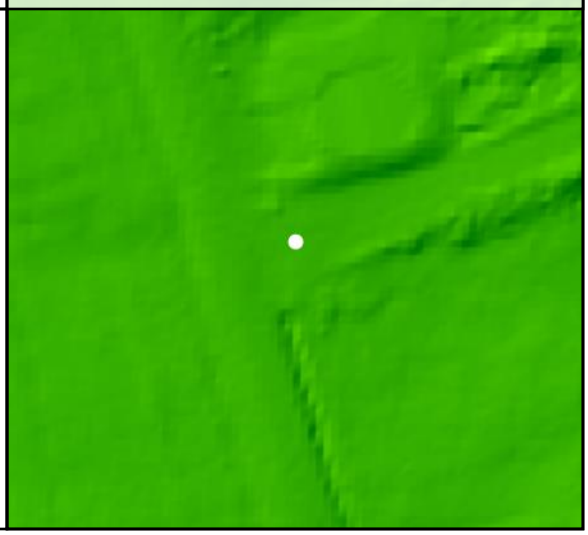


TIN Surface



Project Elevation

DEM Surface



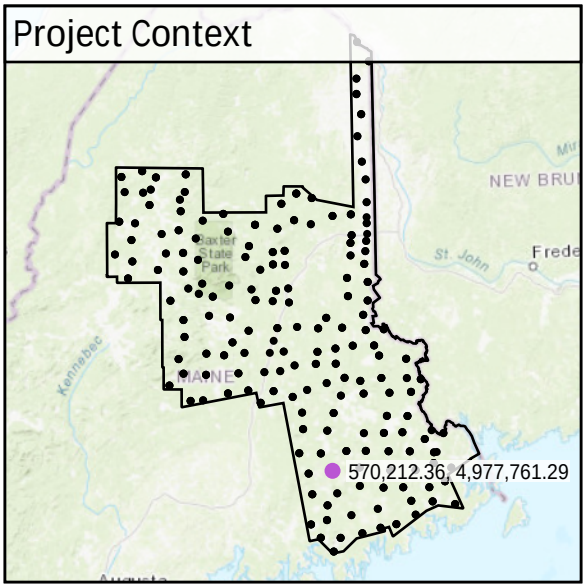
DEM Dz +0.02 m

CAL - CA23

All Points TIN Dz +0.02 m

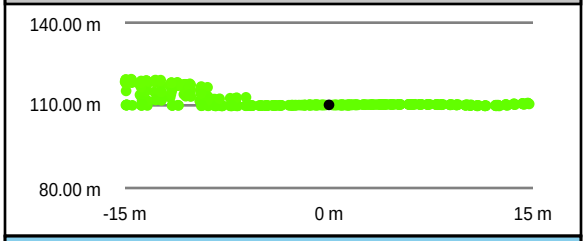
CA24				
	Known Z	110.17 m	Point Density	3.18 ppsm
	DEM Dz	-0.04 m	Ground Density	3.18 ppsm
	All Points TIN Dz	-0.05 m	Slope	1.65 °

Project Context

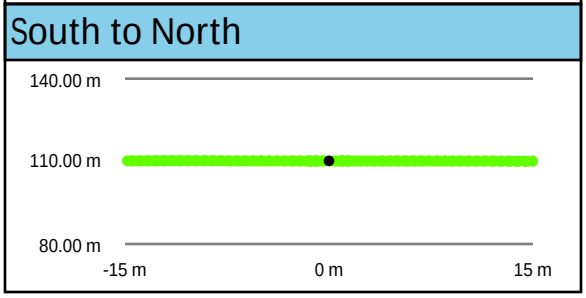


World Imagery

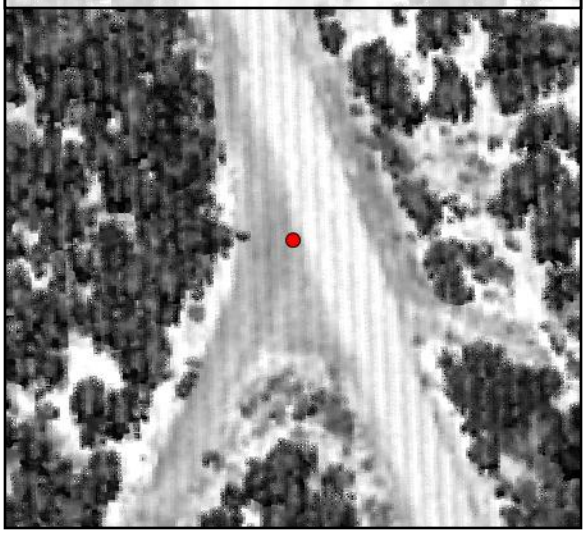
West to East



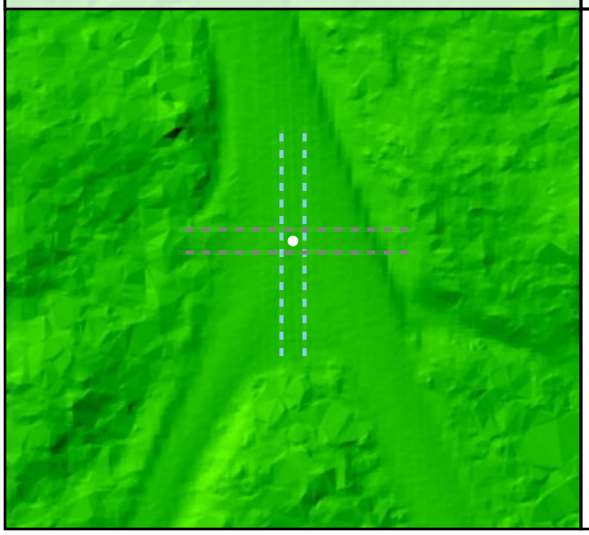
South to North



Intensity Raster

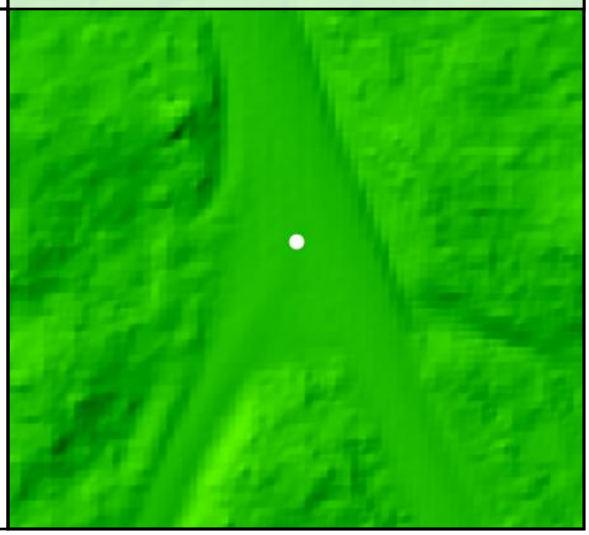


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

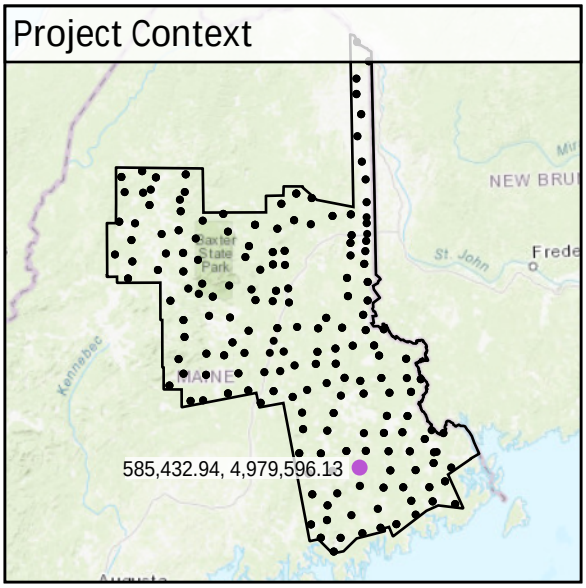
CAL - CA24

All Points TIN Dz -0.05 m

CA25

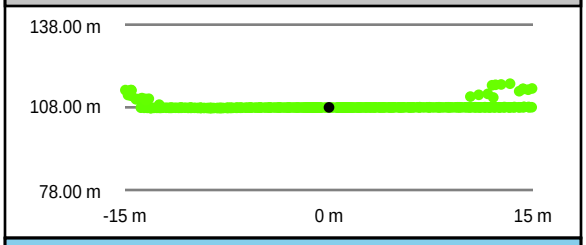
Known Z	107.98 m	Point Density	2.72 ppsm
DEM Dz	-0.05 m	Ground Density	2.72 ppsm
All Points TIN Dz	-0.05 m	Slope	1.01 °

Project Context

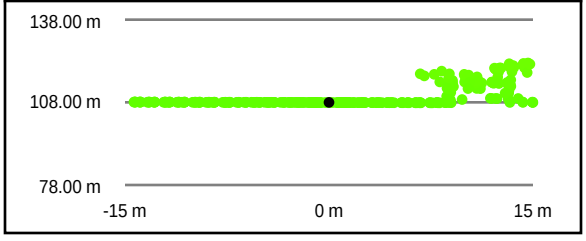


World Imagery

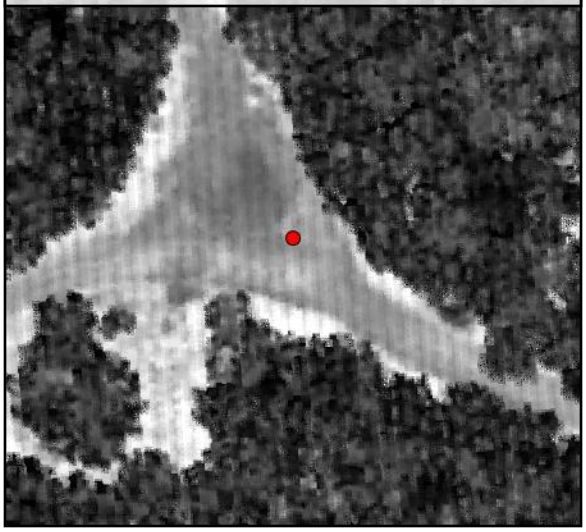
South to North



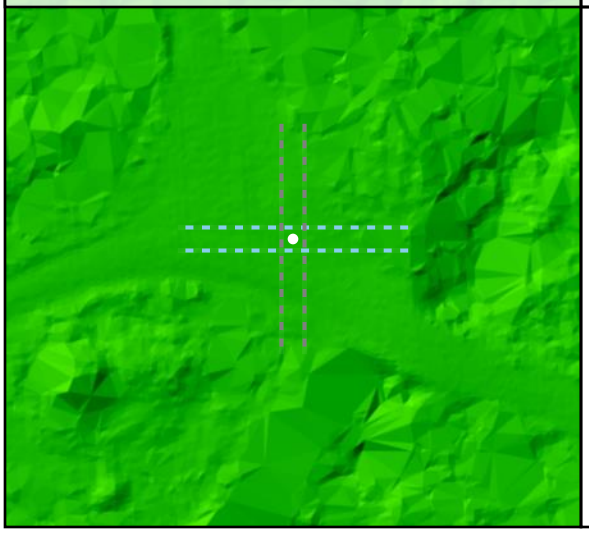
West to East



Intensity Raster

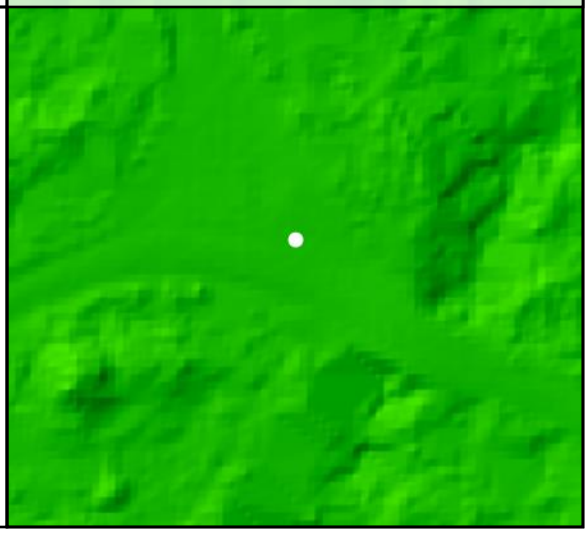


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

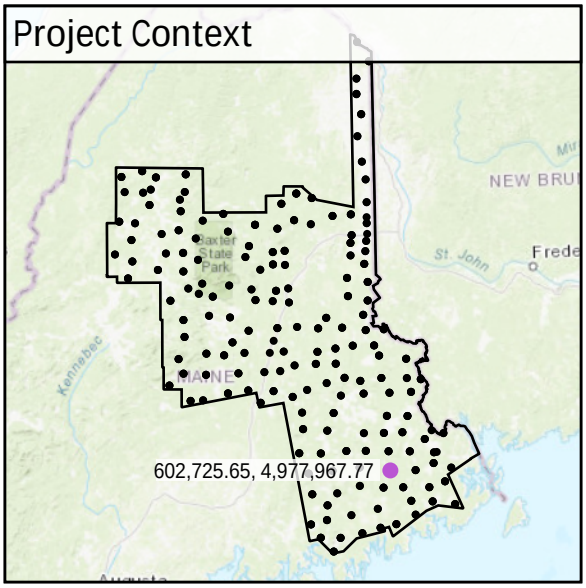
CAL - CA25

All Points TIN Dz -0.05 m

CA26

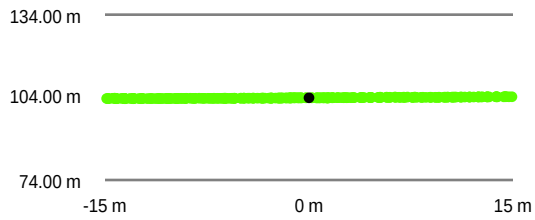
Known Z	103.83 m	Point Density	2.79 ppsm
DEM Dz	-0.01 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.01 m	Slope	1.95 °

Project Context

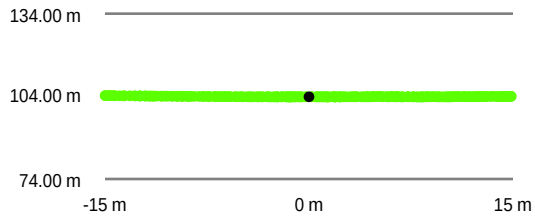


World Imagery

Southwest to Northeast

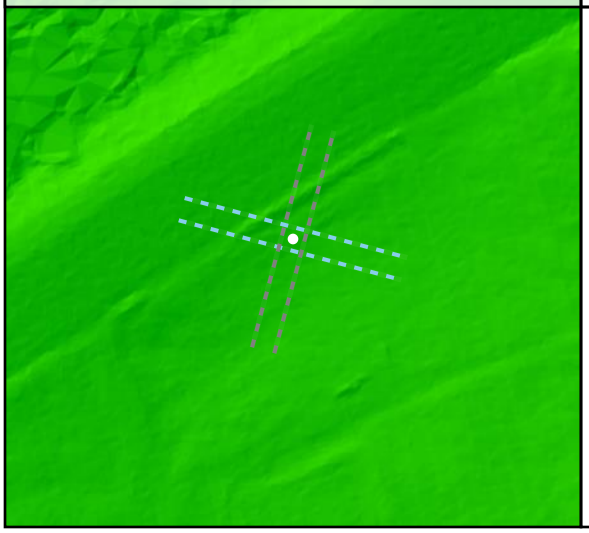


Southeast to Northwest



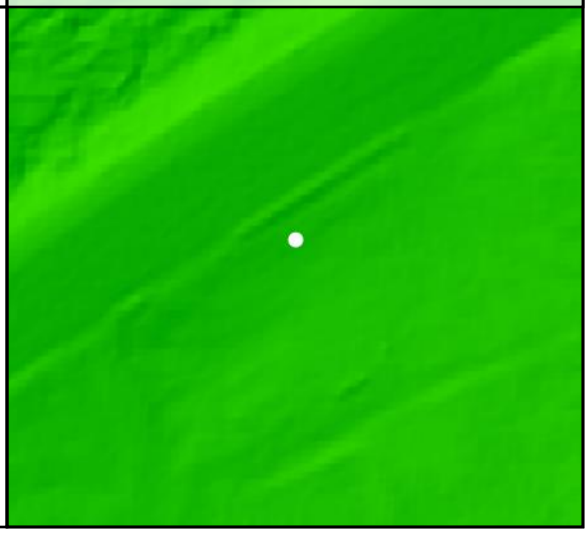
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

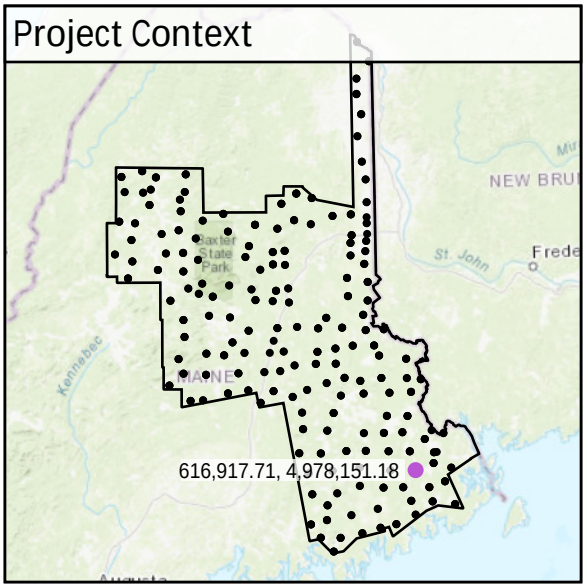
CAL - CA26

All Points TIN Dz +0.01 m

CA27

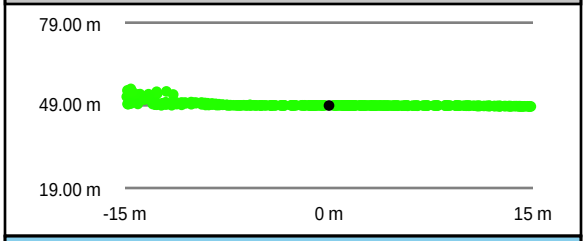
Known Z	48.93 m	Point Density	2.58 ppsm
DEM Dz	0.04 m	Ground Density	2.58 ppsm
All Points TIN Dz	0.04 m	Slope	0.24 °

Project Context

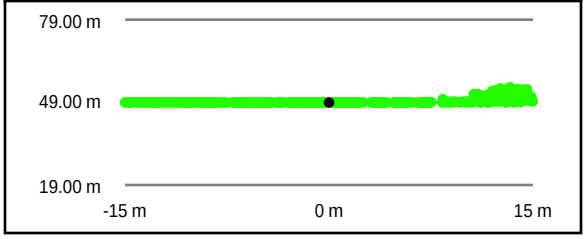


World Imagery

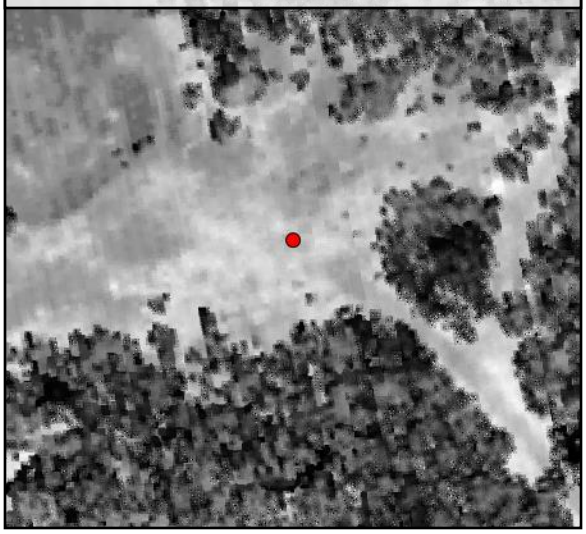
South to North



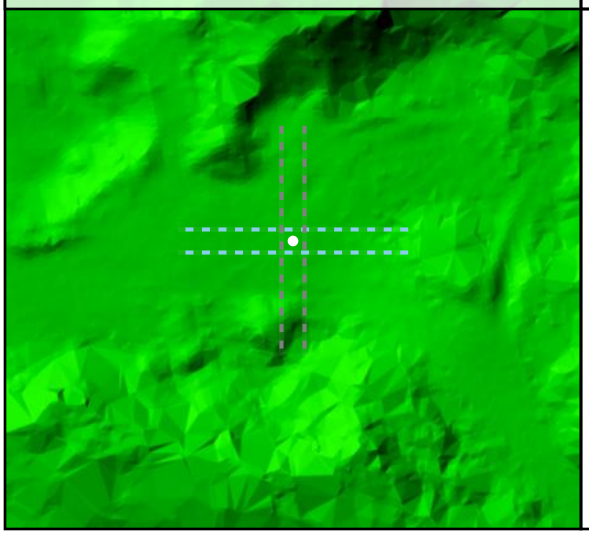
West to East



Intensity Raster

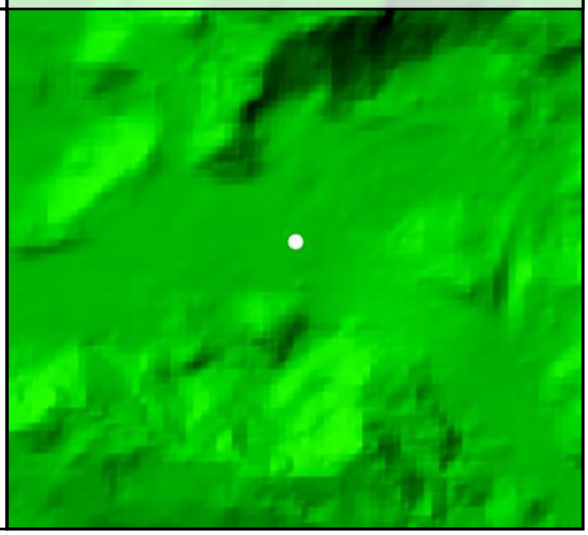


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

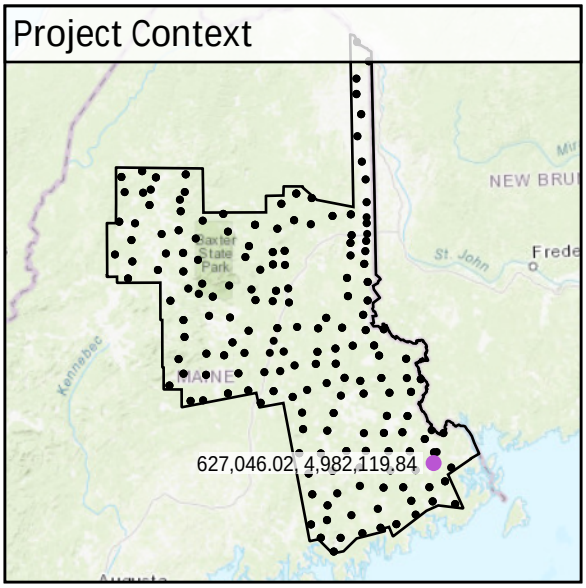
CAL - CA27

All Points TIN Dz +0.04 m

CA28

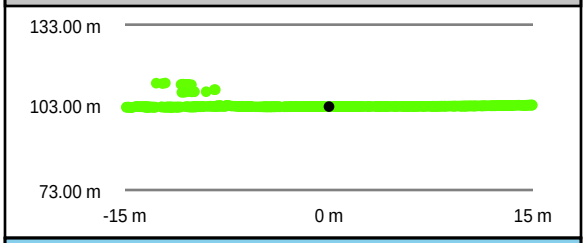
Known Z	103.27 m	Point Density	4.14 ppsm
DEM Dz	0.04 m	Ground Density	4.14 ppsm
All Points TIN Dz	0.02 m	Slope	0.86 °

Project Context

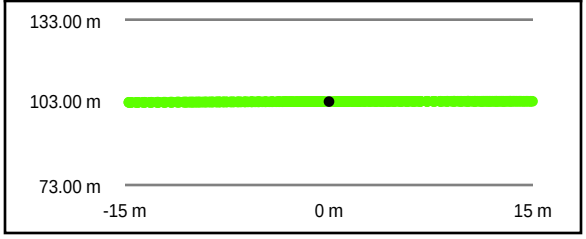


World Imagery

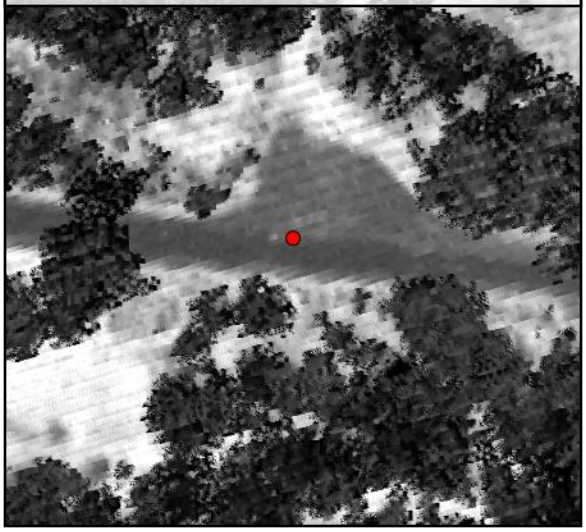
South to North



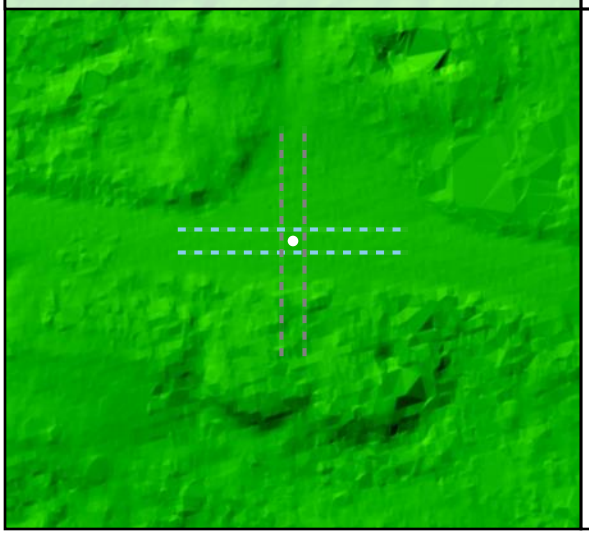
West to East



Intensity Raster

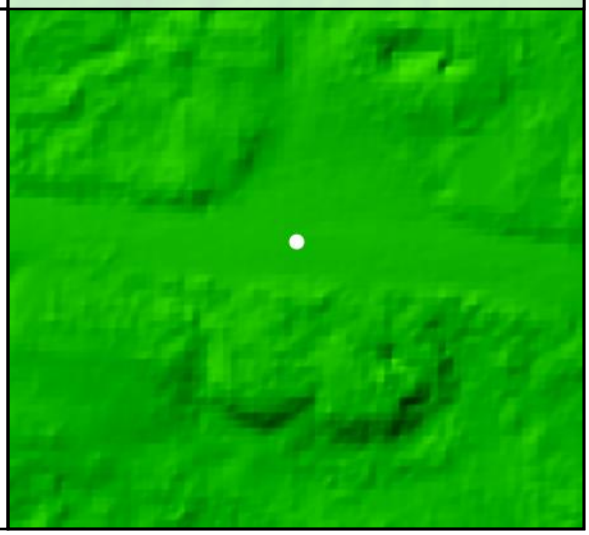


TIN Surface



Project Elevation

DEM Surface



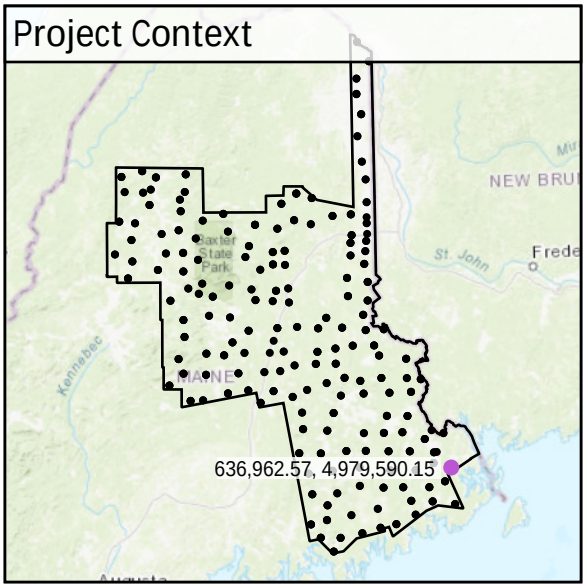
DEM Dz +0.04 m

CAL - CA28

All Points TIN Dz +0.02 m

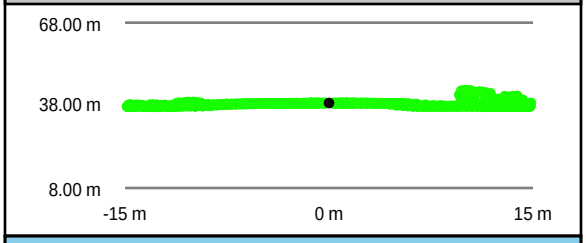
CA29				
	Known Z	38.84 m	Point Density	5.31 ppsm
	DEM Dz	-0.04 m	Ground Density	5.31 ppsm
	All Points TIN Dz	-0.04 m	Slope	1.25 °

Project Context



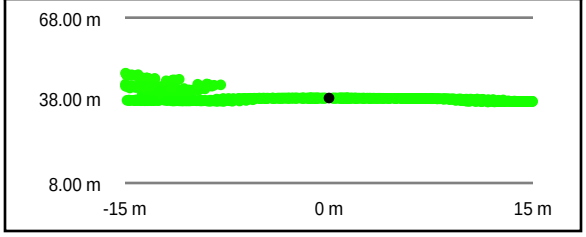
World Imagery

Southwest to Northeast

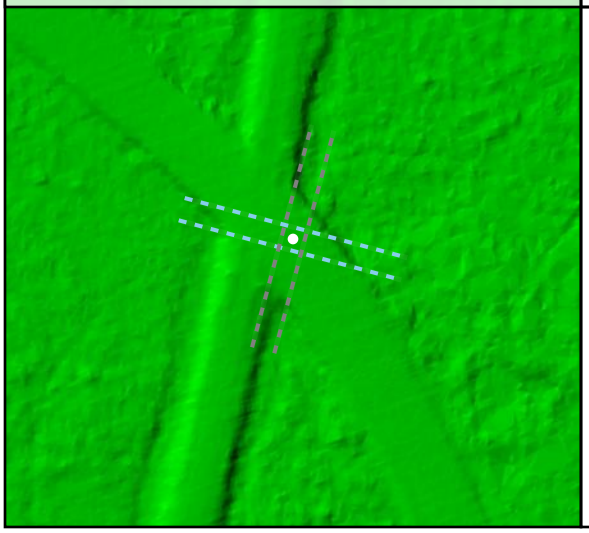


Intensity Raster

Southeast to Northwest

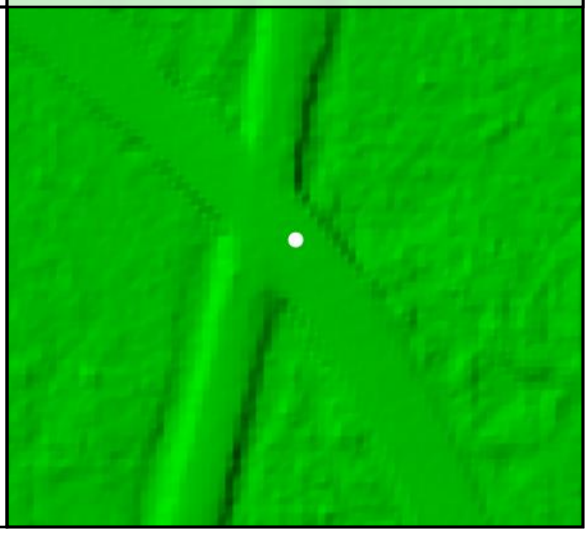


TIN Surface



Project Elevation

DEM Surface



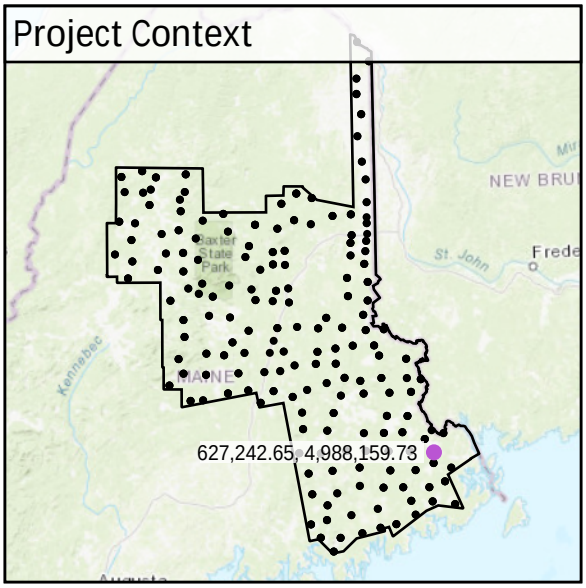
DEM Dz -0.04 m

CAL - CA29

All Points TIN Dz -0.04 m

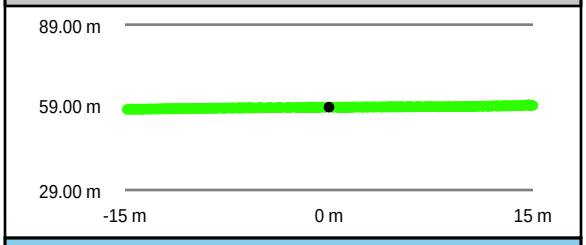
CA31				
	Known Z	59.07 m	Point Density	3.29 ppsm
	DEM Dz	-0.04 m	Ground Density	3.15 ppsm
	All Points TIN Dz	-0.04 m	Slope	1.77 °

Project Context

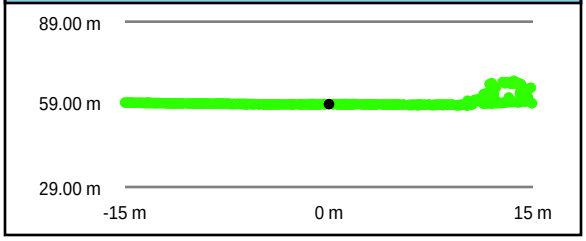


World Imagery

West to East

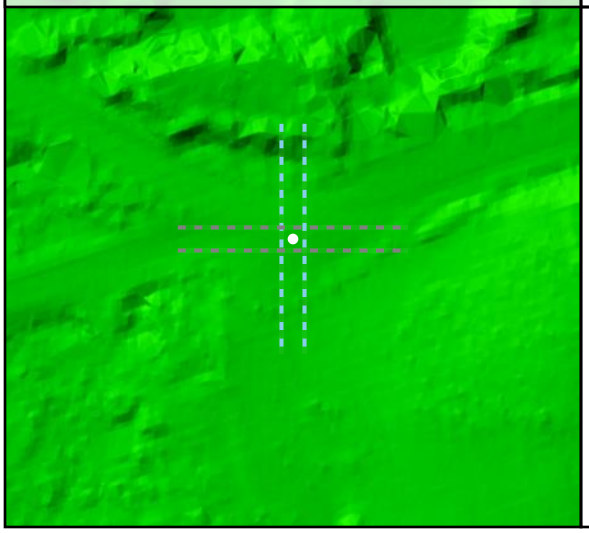


South to North



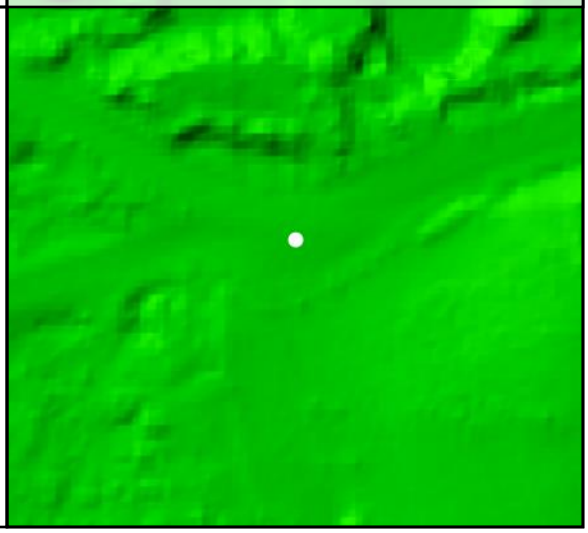
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

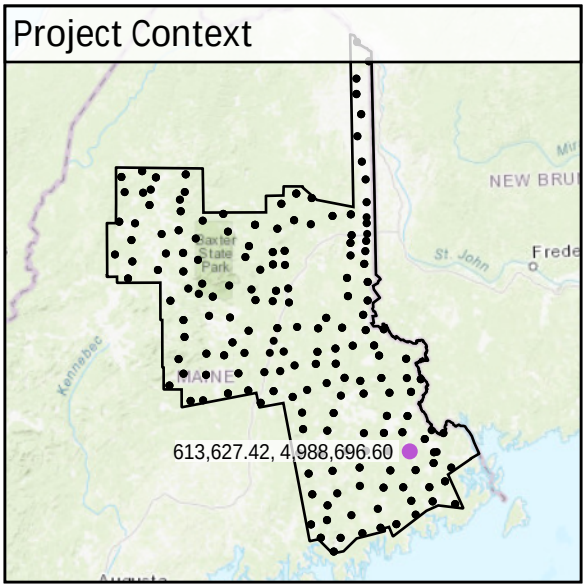
CAL - CA31

All Points TIN Dz -0.04 m

CA32

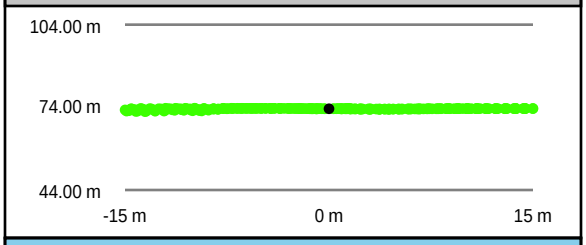
Known Z	73.48 m	Point Density	2.69 ppsm
DEM Dz	0.01 m	Ground Density	2.69 ppsm
All Points TIN Dz	0.01 m	Slope	2.17 °

Project Context

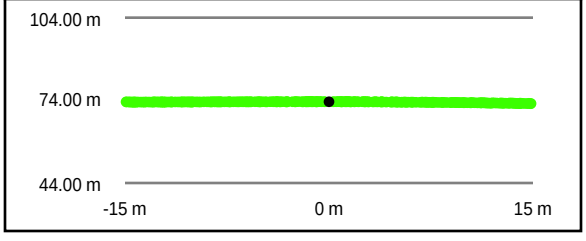


World Imagery

Southeast to Northwest

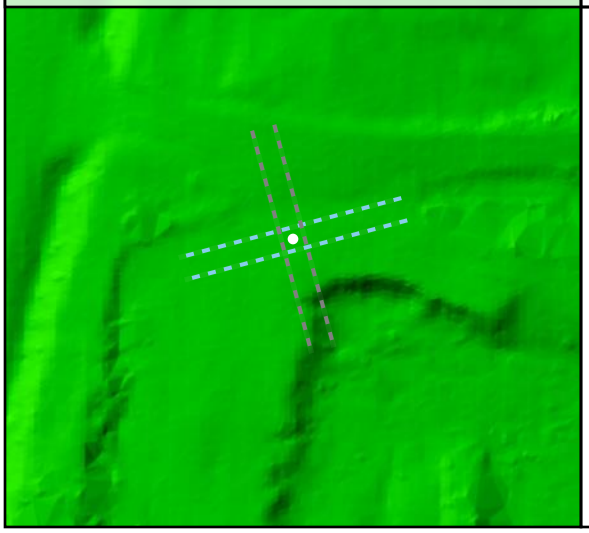


Southwest to Northeast

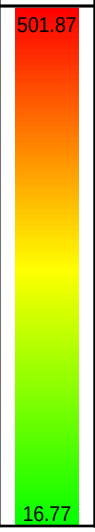


Intensity Raster

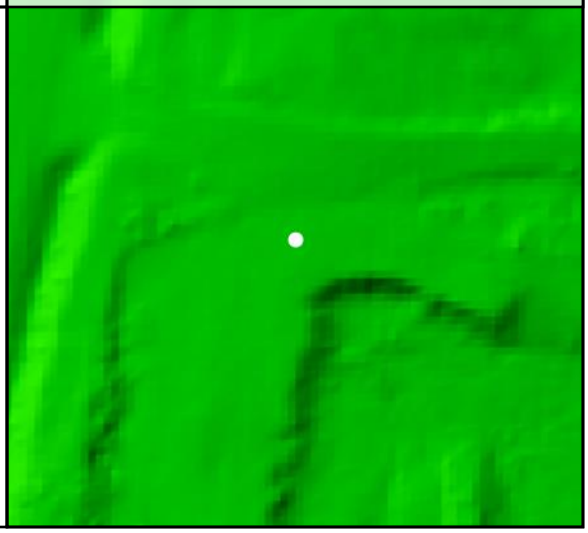
TIN Surface



Project Elevation



DEM Surface



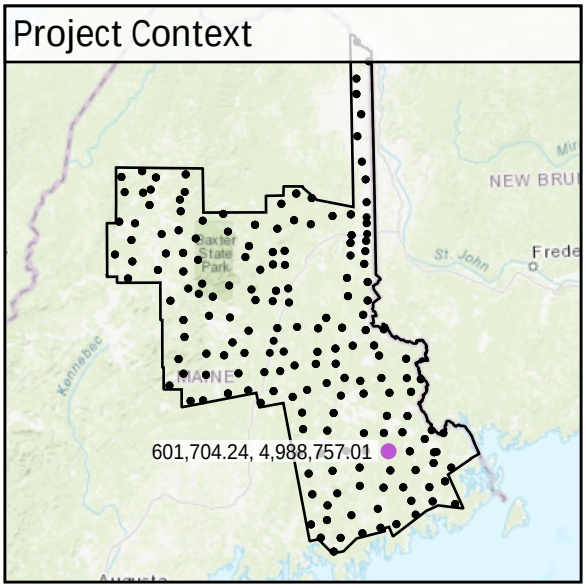
DEM Dz +0.01 m

CAL - CA32

All Points TIN Dz +0.01 m

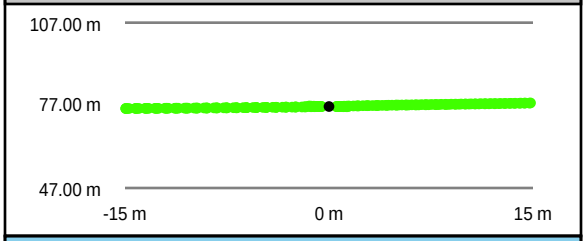
CA33				
	Known Z	76.57 m	Point Density	2.41 ppsm
	DEM Dz	0.01 m	Ground Density	2.41 ppsm
	All Points TIN Dz	0.00 m	Slope	5.14 °

Project Context

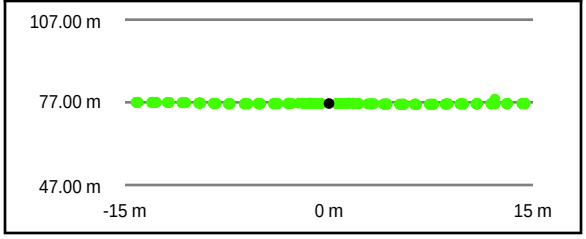


World Imagery

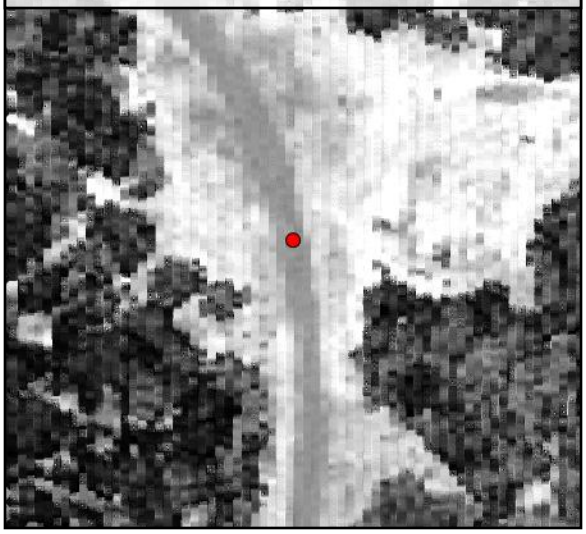
South to North



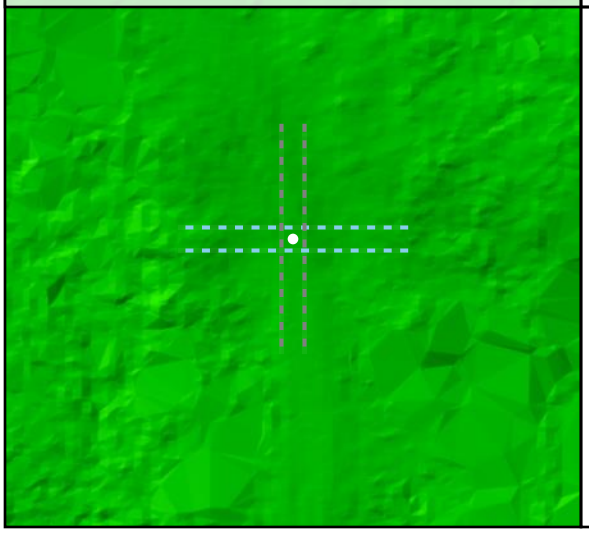
West to East



Intensity Raster

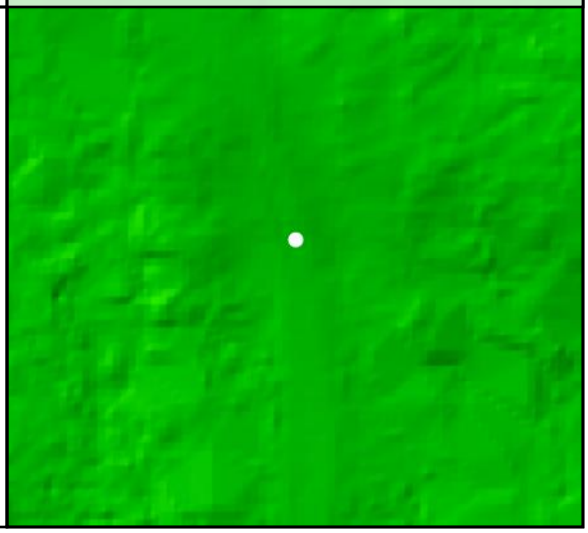


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

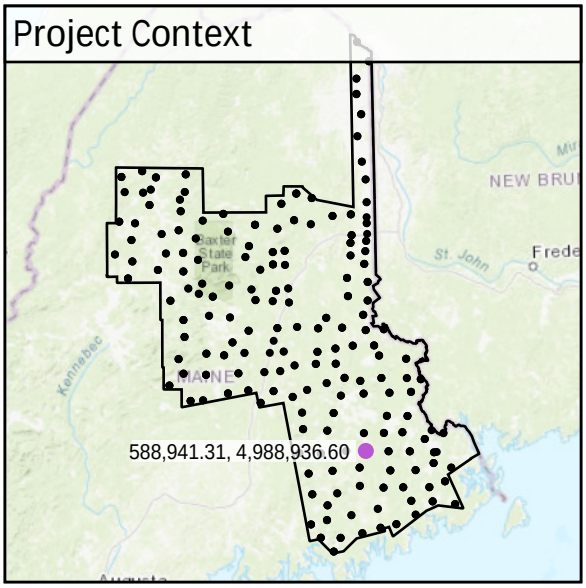
CAL - CA33

All Points TIN Dz +0.00 m

CA34

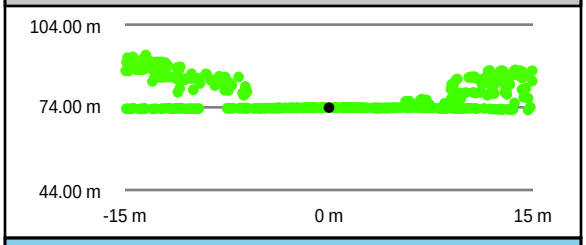
Known Z	73.90 m	Point Density	2.33 ppsm
DEM Dz	0.02 m	Ground Density	2.33 ppsm
All Points TIN Dz	0.02 m	Slope	0.82 °

Project Context

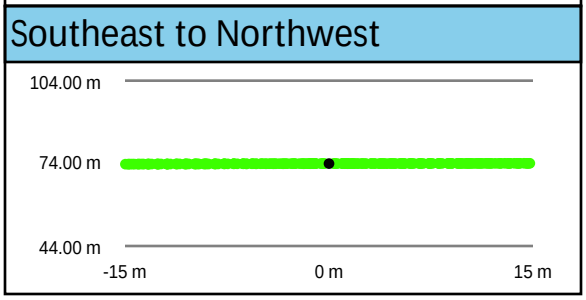


World Imagery

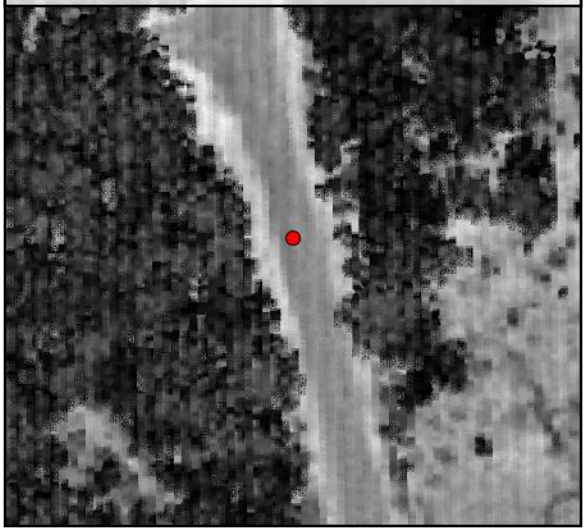
Southwest to Northeast



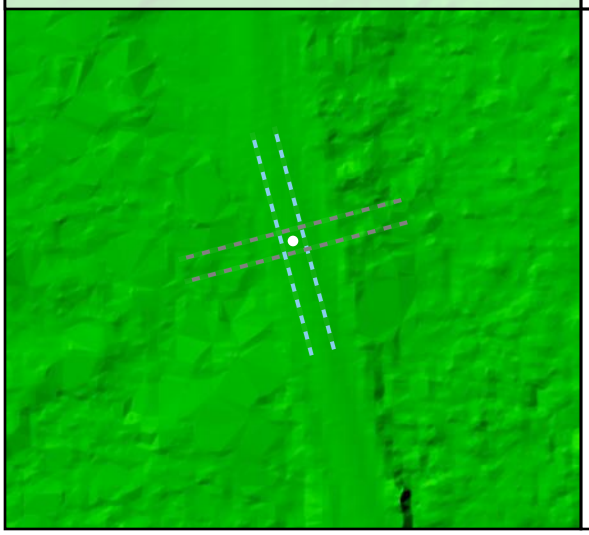
Southeast to Northwest



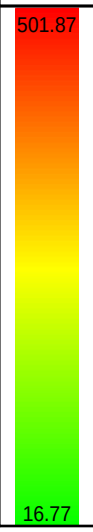
Intensity Raster



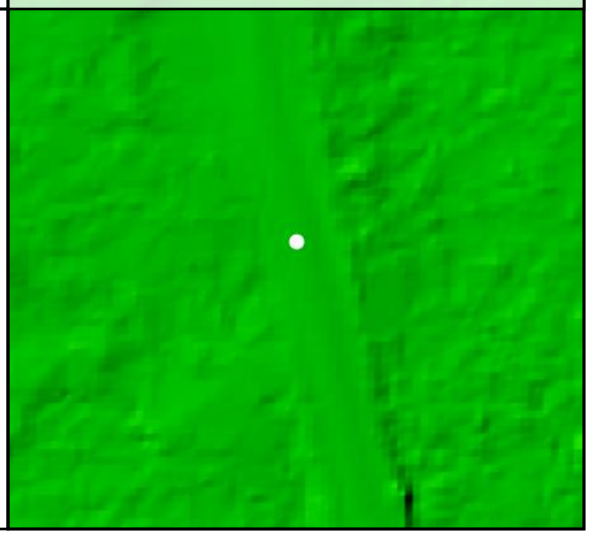
TIN Surface



Project Elevation



DEM Surface



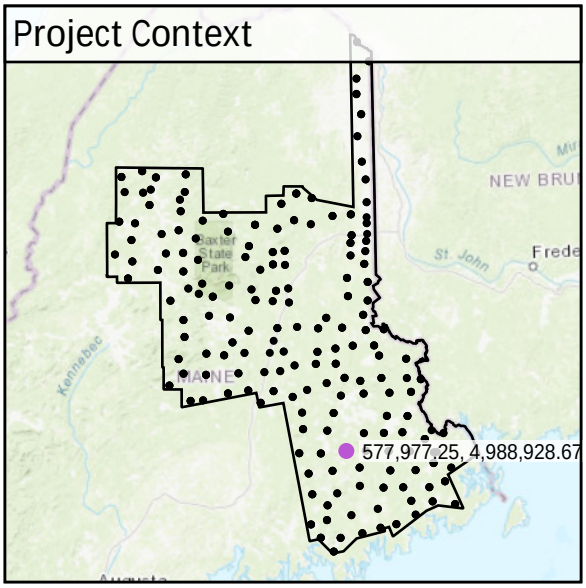
DEM Dz +0.02 m

CAL - CA34

All Points TIN Dz +0.02 m

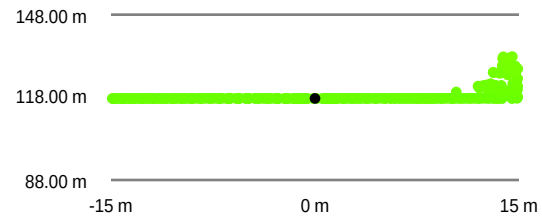
CA35				
	Known Z	117.59 m	Point Density	2.69 ppsm
	DEM Dz	-0.01 m	Ground Density	2.69 ppsm
	All Points TIN Dz	-0.01 m	Slope	1.18 °

Project Context

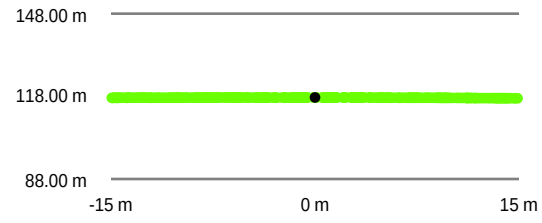


World Imagery

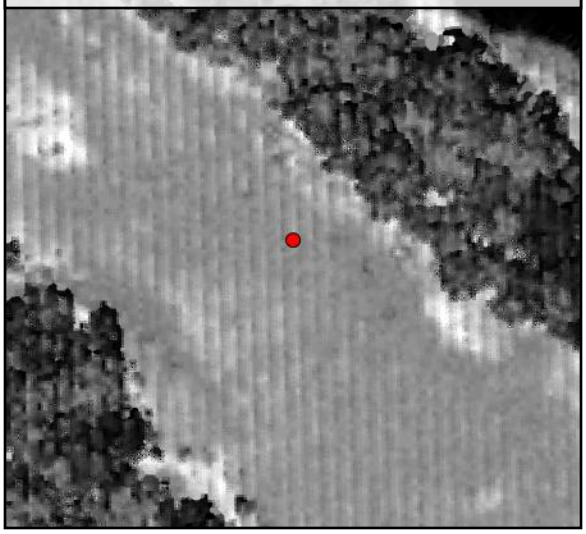
Southwest to Northeast



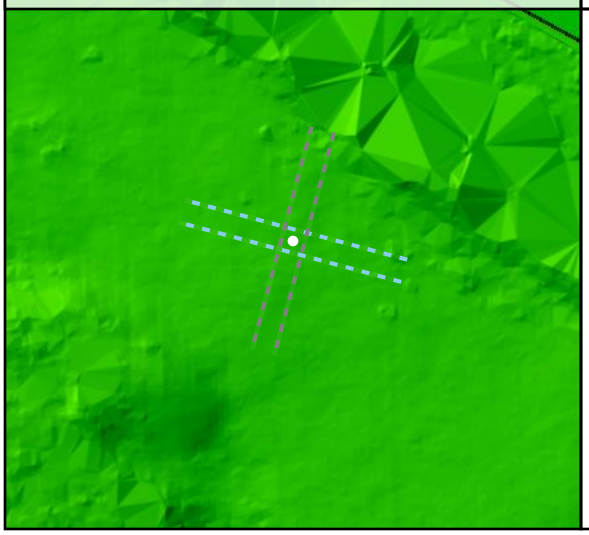
Southeast to Northwest



Intensity Raster

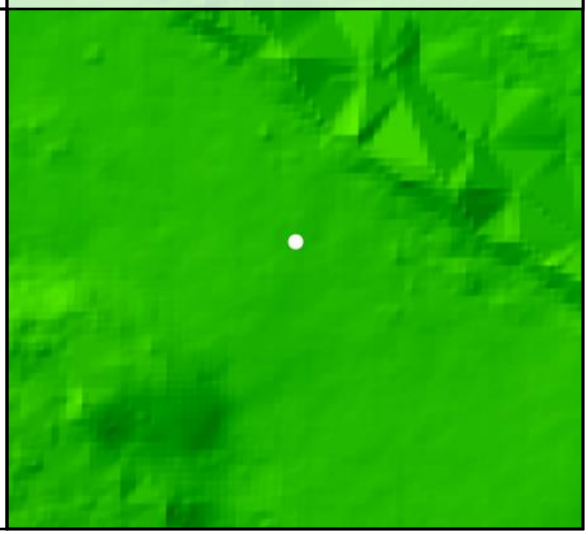


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

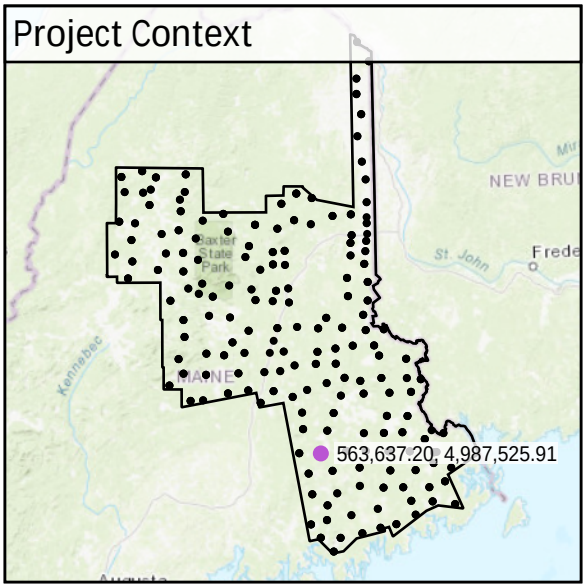
CAL - CA35

All Points TIN Dz -0.01 m

CA36

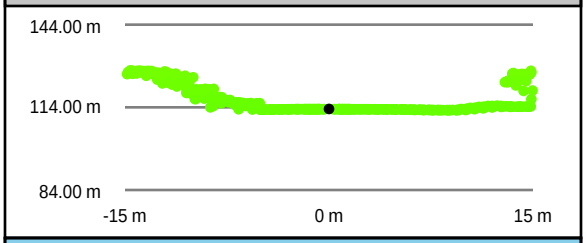
Known Z	113.41 m	Point Density	3.01 ppsm
DEM Dz	-0.08 m	Ground Density	3.01 ppsm
All Points TIN Dz	-0.09 m	Slope	0.82 °

Project Context

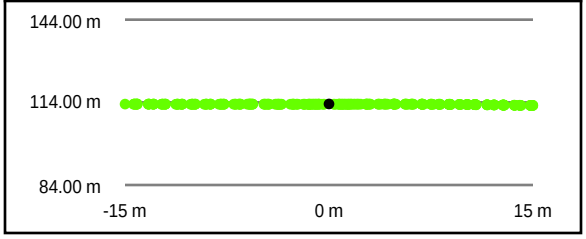


World Imagery

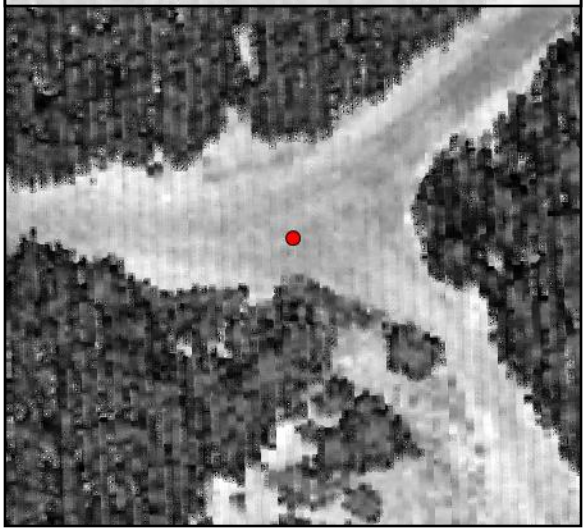
South to North



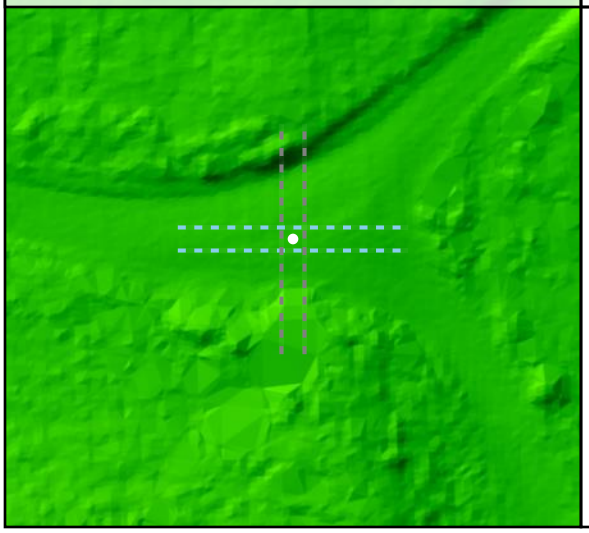
West to East



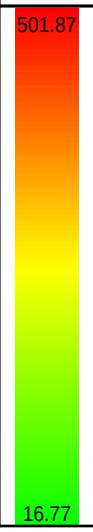
Intensity Raster



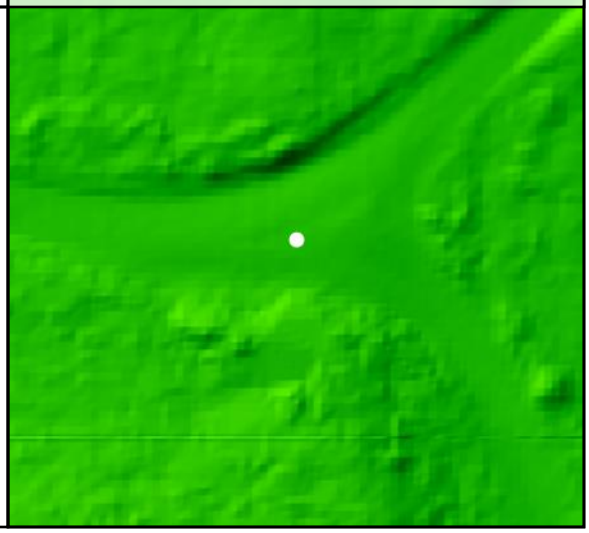
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.08 m

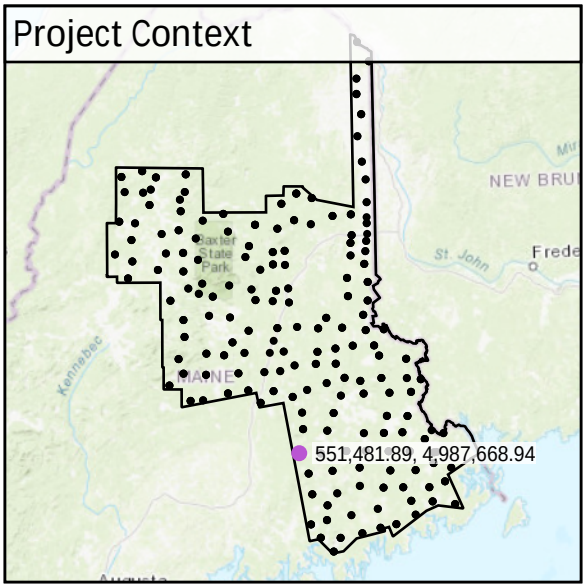
CAL - CA36

All Points TIN Dz -0.09 m

CA37

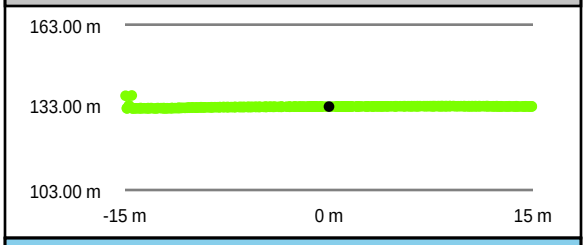
Known Z	133.27 m	Point Density	2.62 ppsm
DEM Dz	0.00 m	Ground Density	2.62 ppsm
All Points TIN Dz	0.01 m	Slope	1.35 °

Project Context

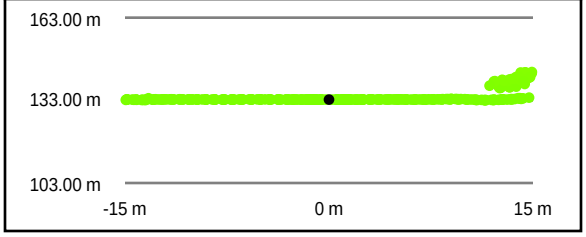


World Imagery

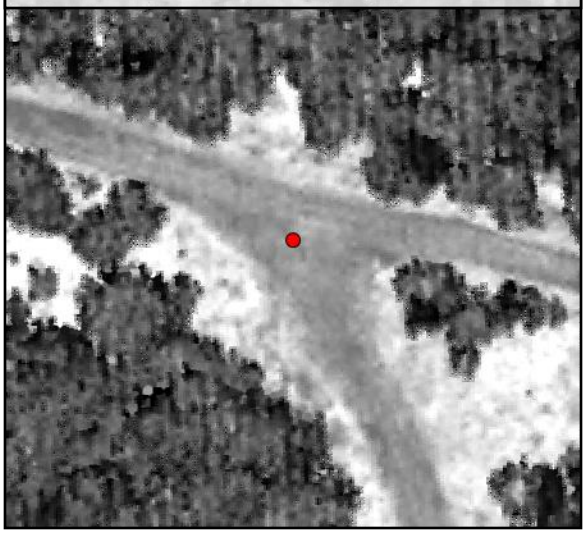
Southeast to Northwest



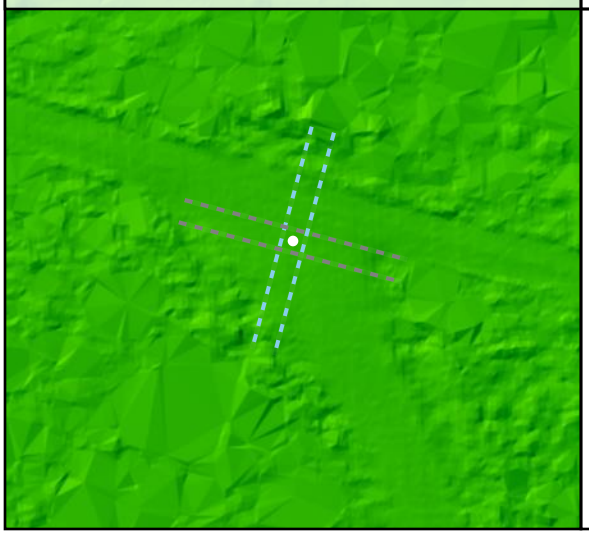
Southwest to Northeast



Intensity Raster

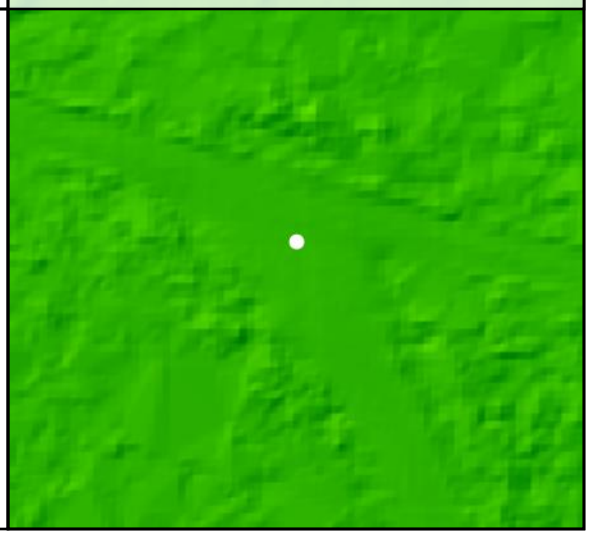


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

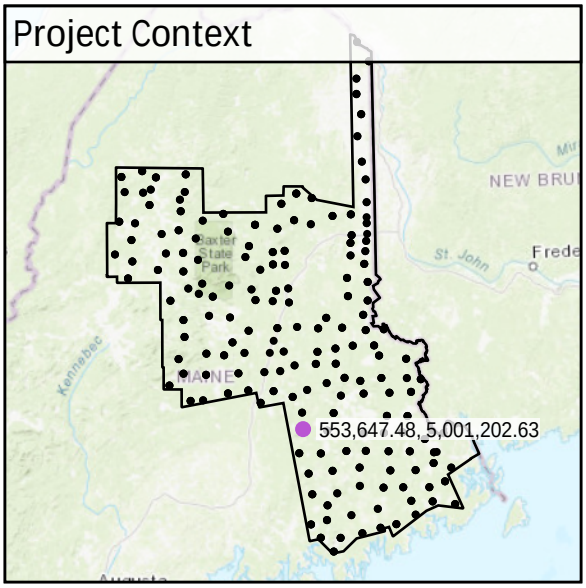
CAL - CA37

All Points TIN Dz +0.01 m

CA38

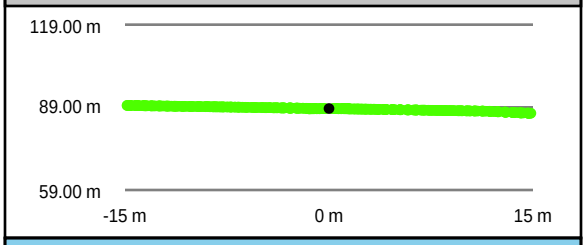
Known Z	88.57 m	Point Density	3.61 ppsm
DEM Dz	-0.04 m	Ground Density	3.61 ppsm
All Points TIN Dz	-0.04 m	Slope	4.66 °

Project Context

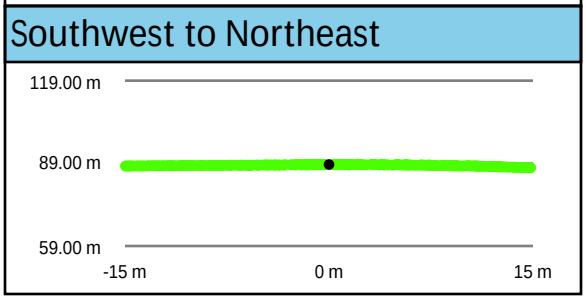


World Imagery

Southeast to Northwest

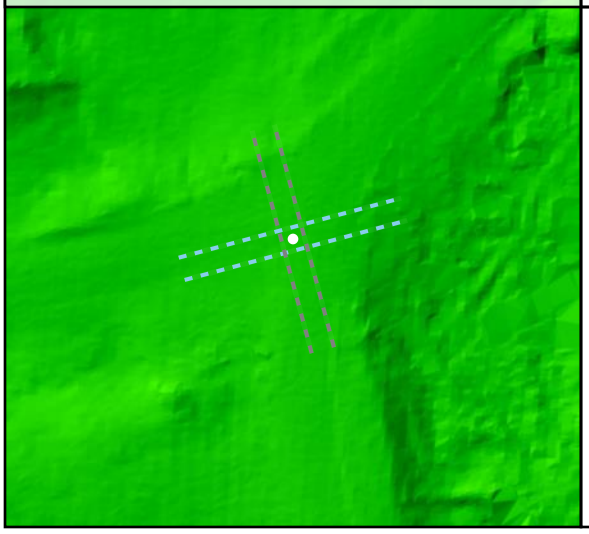


Southwest to Northeast

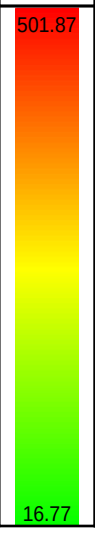


Intensity Raster

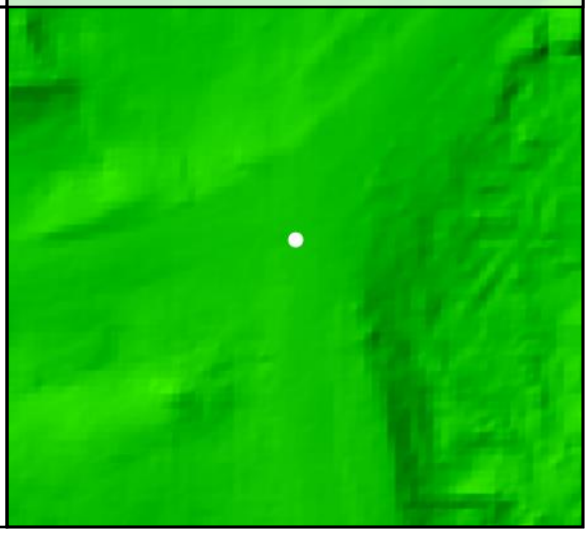
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.04 m

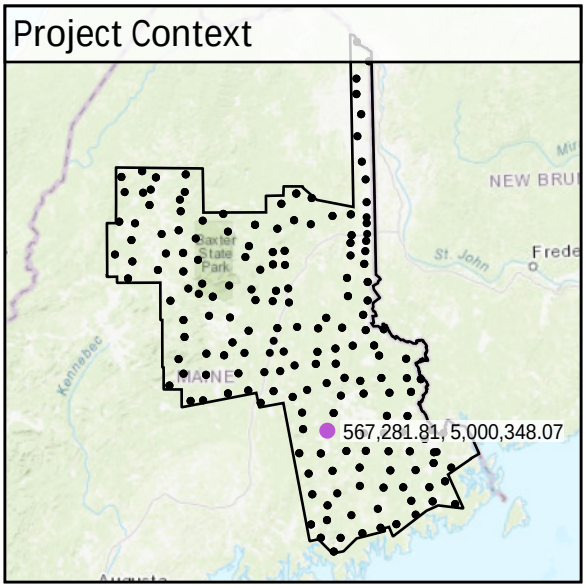
CAL - CA38

All Points TIN Dz -0.04 m

CA39

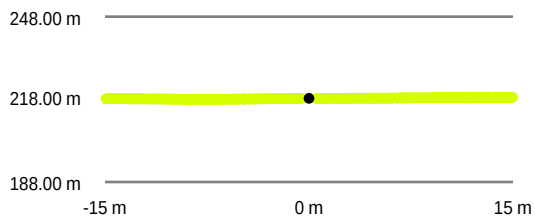
Known Z	218.37 m	Point Density	3.22 ppsm
DEM Dz	-0.06 m	Ground Density	3.22 ppsm
All Points TIN Dz	-0.05 m	Slope	1.33 °

Project Context

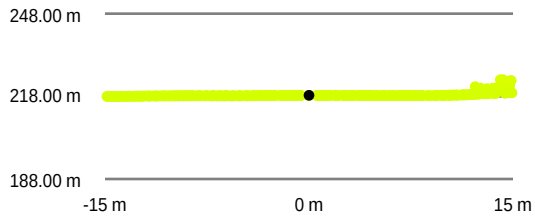


World Imagery

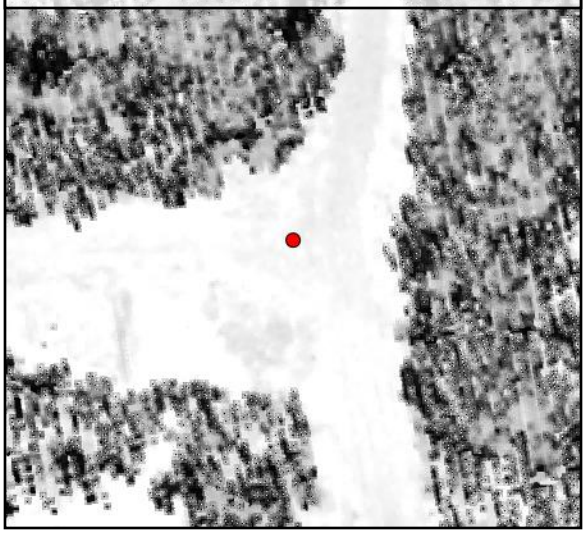
Southwest to Northeast



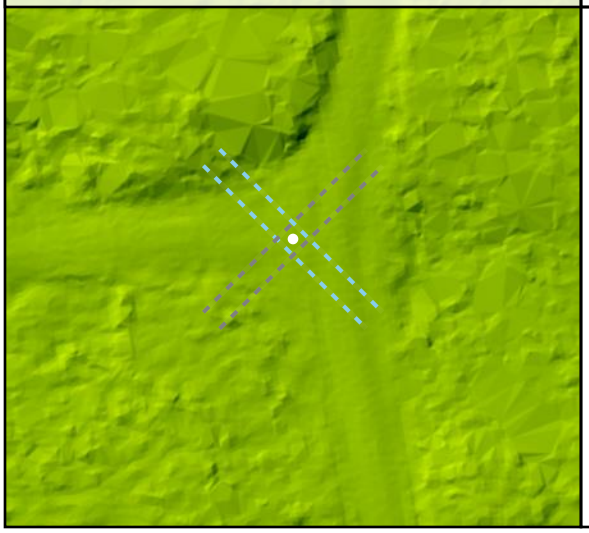
Southeast to Northwest



Intensity Raster



TIN Surface

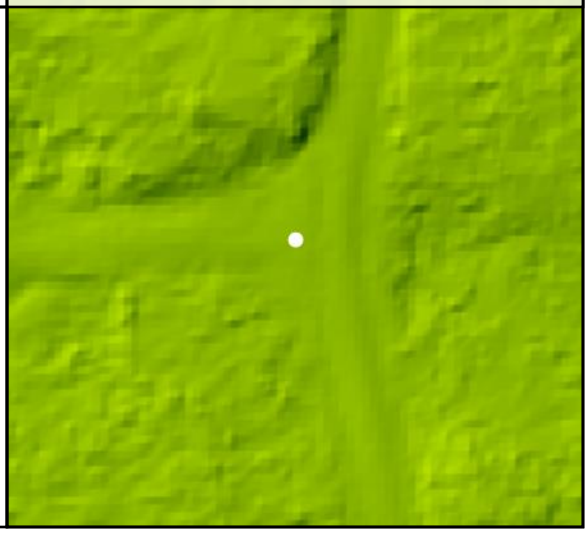


Project Elevation

501.87

16.77

DEM Surface



DEM Dz -0.06 m

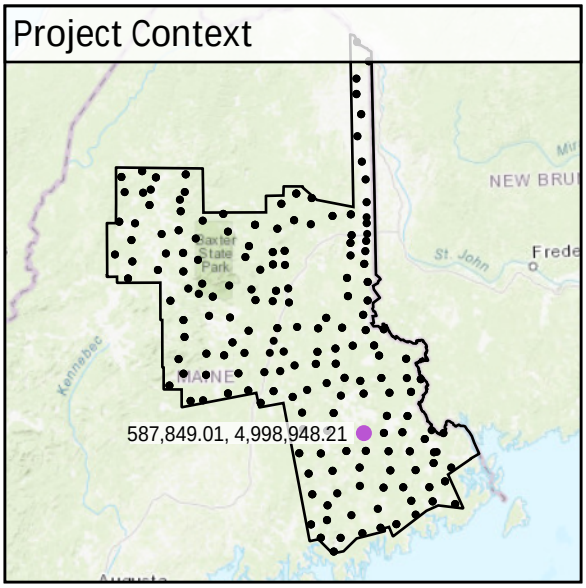
CAL - CA39

All Points TIN Dz -0.05 m

CA40

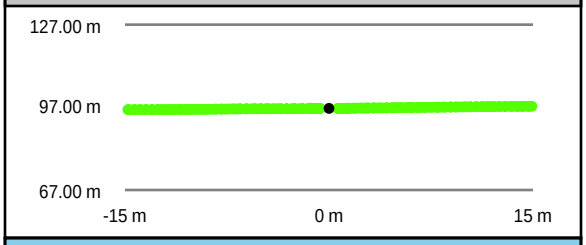
Known Z	96.62 m	Point Density	2.37 ppsm
DEM Dz	-0.02 m	Ground Density	2.37 ppsm
All Points TIN Dz	-0.01 m	Slope	3.63 °

Project Context

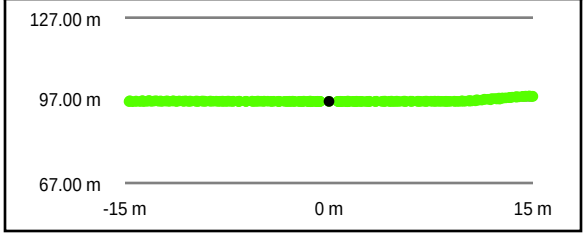


World Imagery

Southeast to Northwest

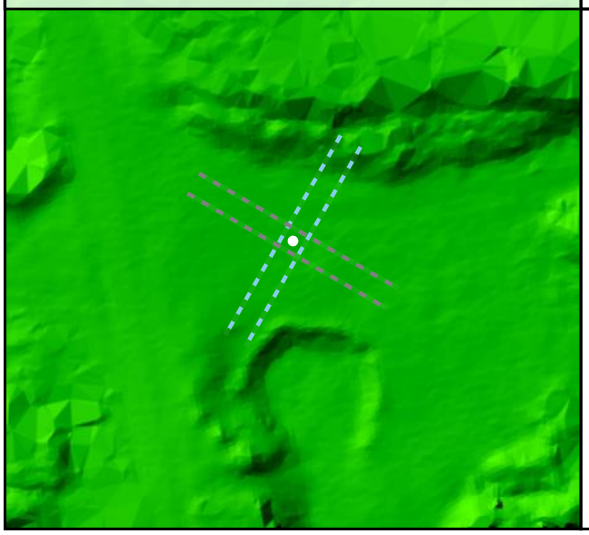


Southwest to Northeast



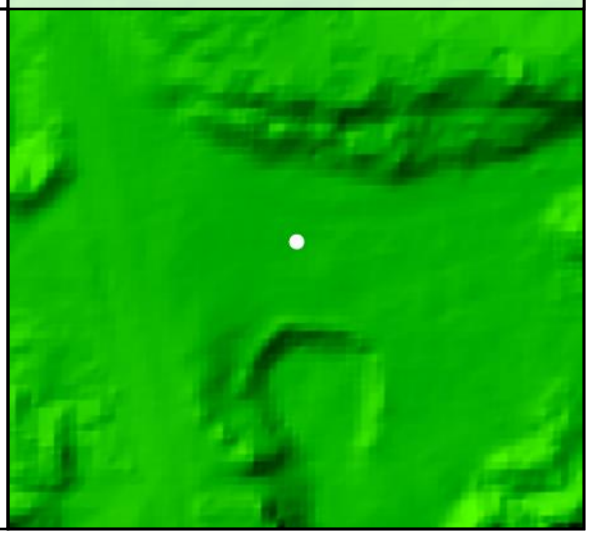
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



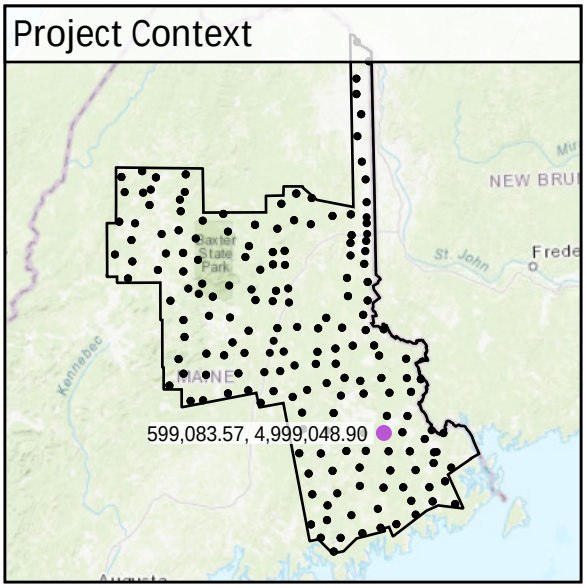
DEM Dz -0.02 m

CAL - CA40

All Points TIN Dz -0.01 m

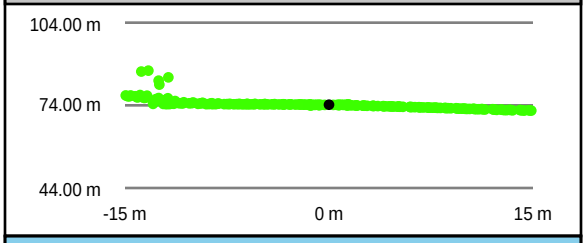
CA41				
	Known Z	74.23 m	Point Density	2.02 ppsm
	DEM Dz	-0.09 m	Ground Density	2.02 ppsm
	All Points TIN Dz	-0.09 m	Slope	5.23 °

Project Context

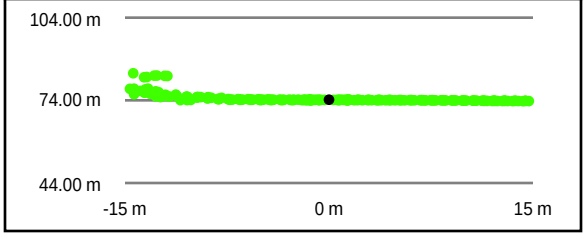


World Imagery

West to East

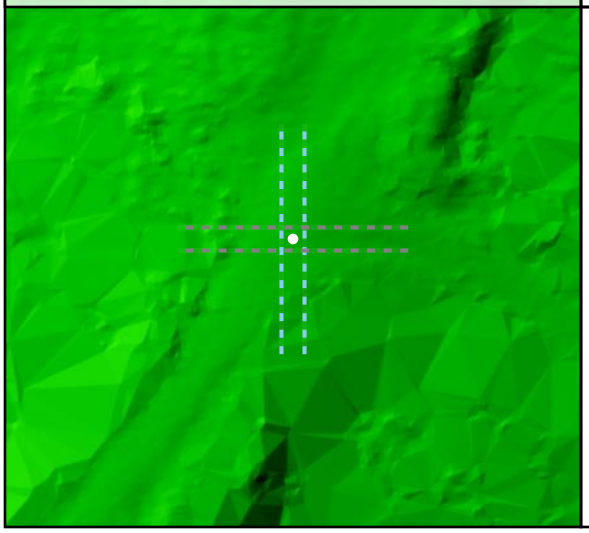


South to North



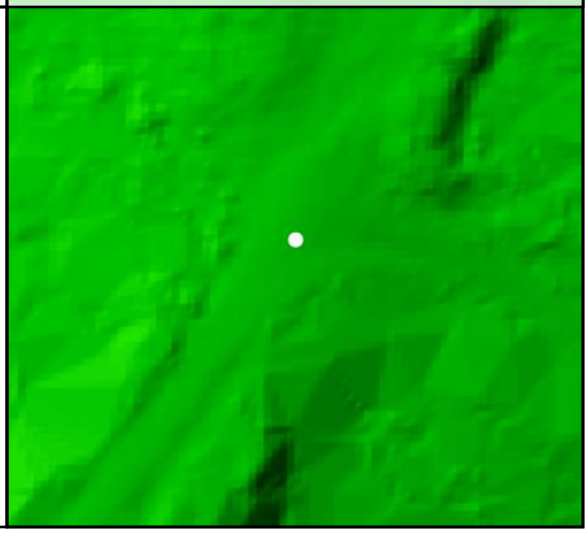
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



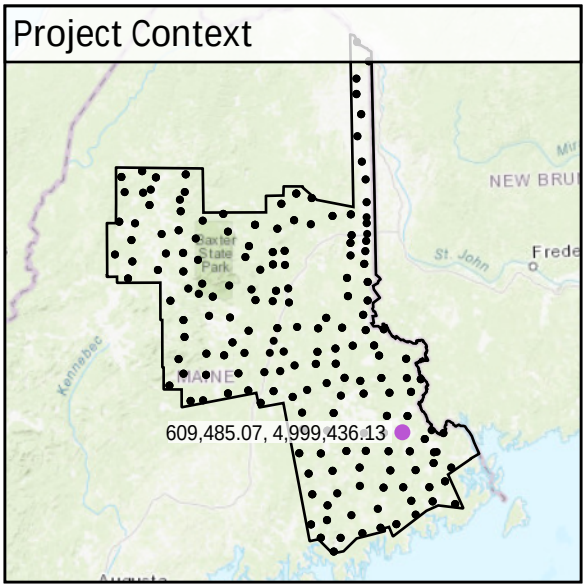
DEM Dz -0.09 m

CAL - CA41

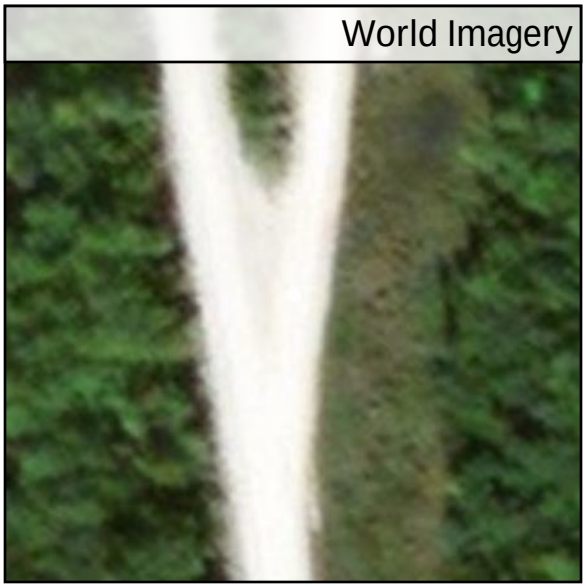
All Points TIN Dz -0.09 m

CA42				
	Known Z	67.19 m	Point Density	2.97 ppsm
	DEM Dz	-0.12 m	Ground Density	2.97 ppsm
	All Points TIN Dz	-0.11 m	Slope	2.62 °

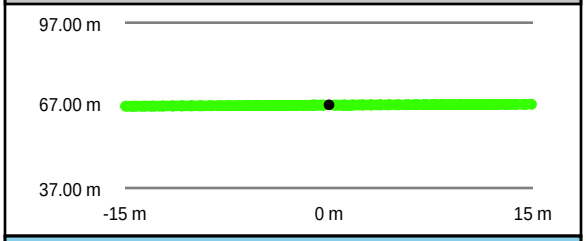
Project Context



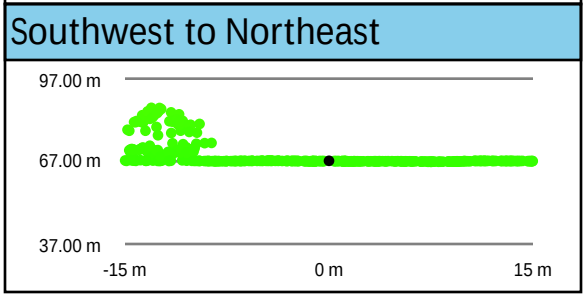
World Imagery



Southeast to Northwest

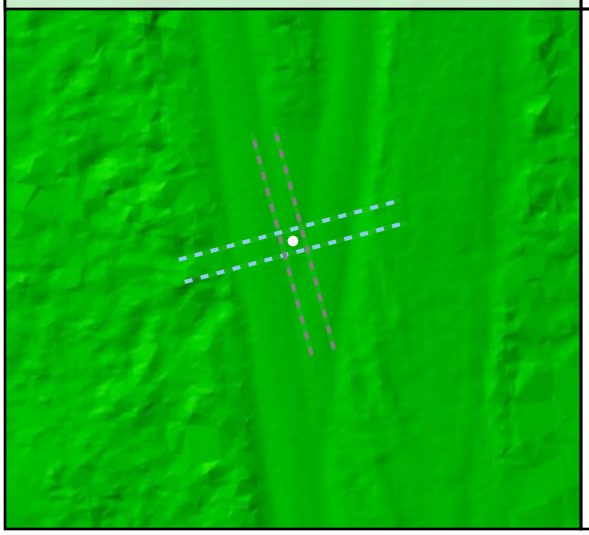


Southwest to Northeast

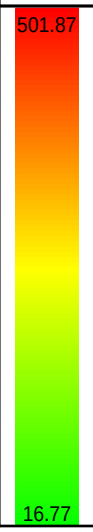


Intensity Raster

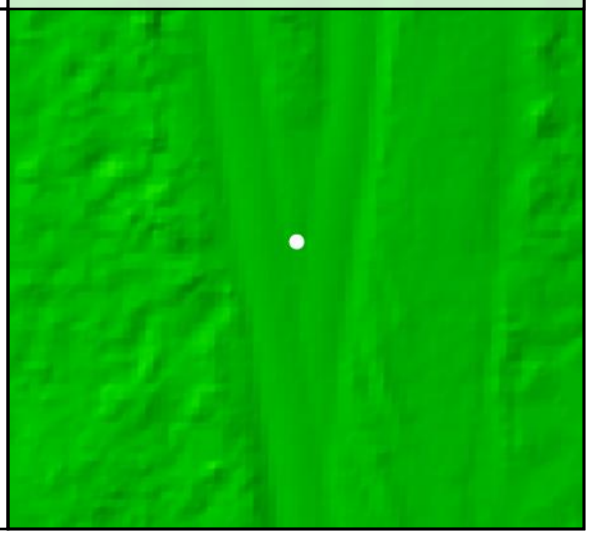
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.12 m

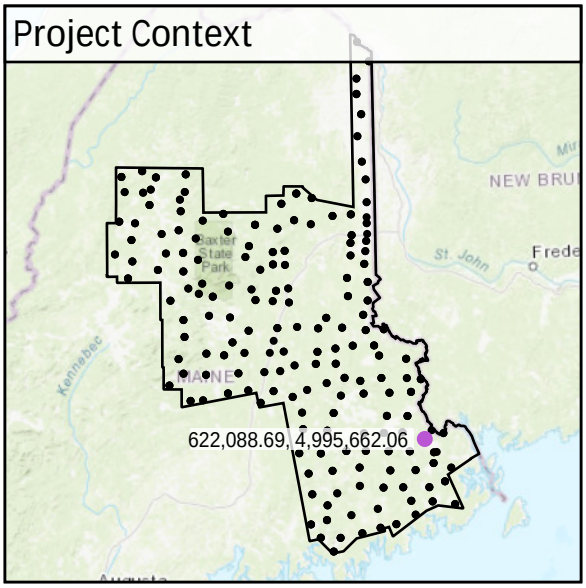
CAL - CA42

All Points TIN Dz -0.11 m

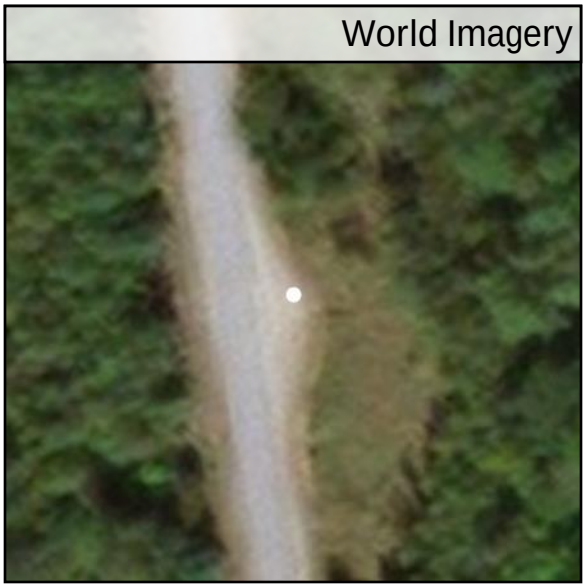
CA43

Known Z	61.49 m	Point Density	2.72 ppsm
DEM Dz	0.00 m	Ground Density	2.72 ppsm
All Points TIN Dz	0.00 m	Slope	1.60 °

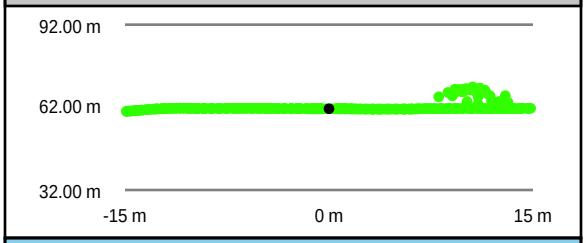
Project Context



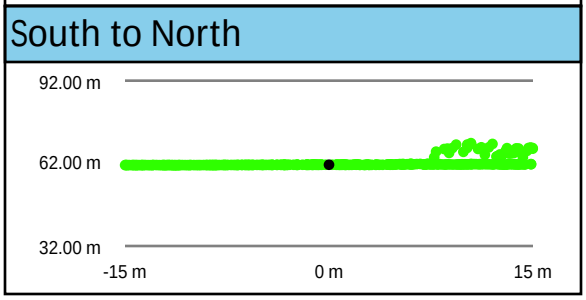
World Imagery



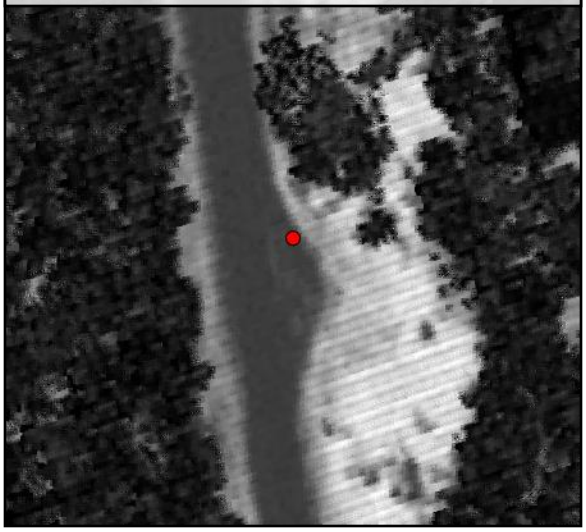
West to East



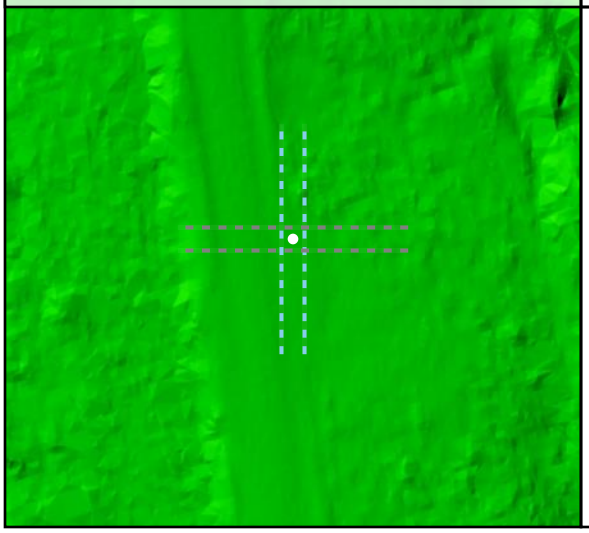
South to North



Intensity Raster

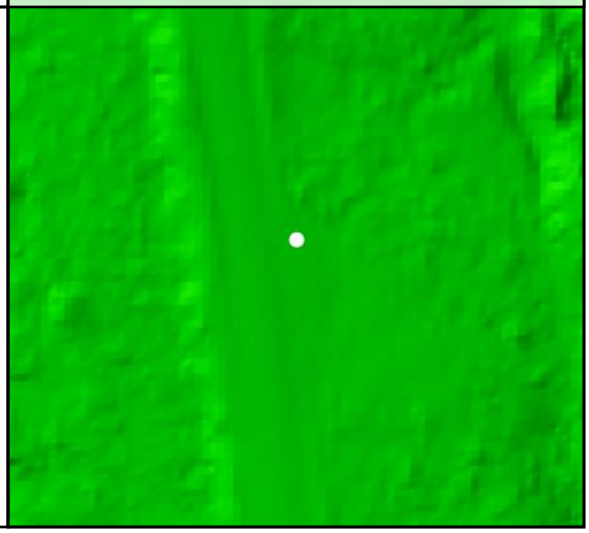


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

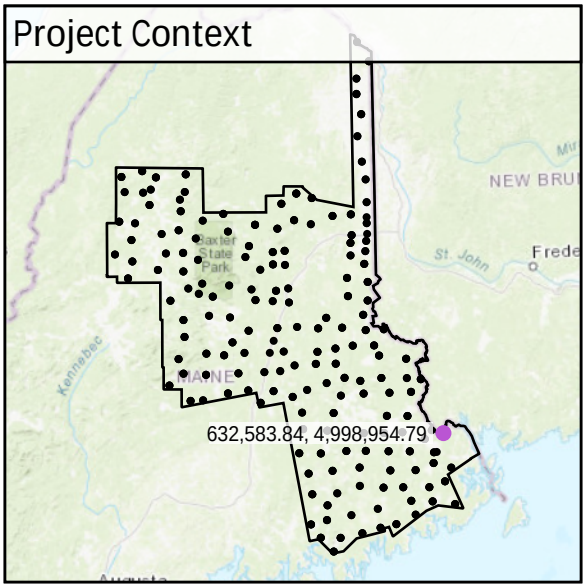
CAL - CA43

All Points TIN Dz 0.00 m

CA44

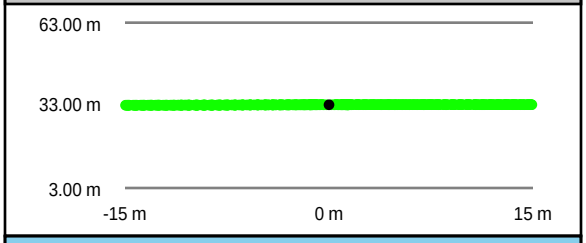
Known Z	33.20 m	Point Density	3.86 ppsm
DEM Dz	0.02 m	Ground Density	3.86 ppsm
All Points TIN Dz	0.01 m	Slope	1.05 °

Project Context

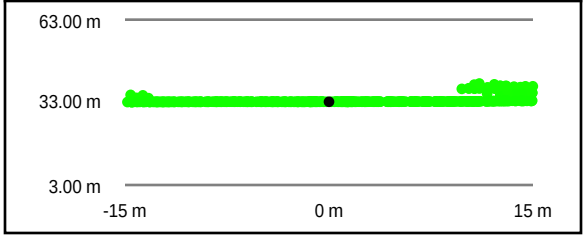


World Imagery

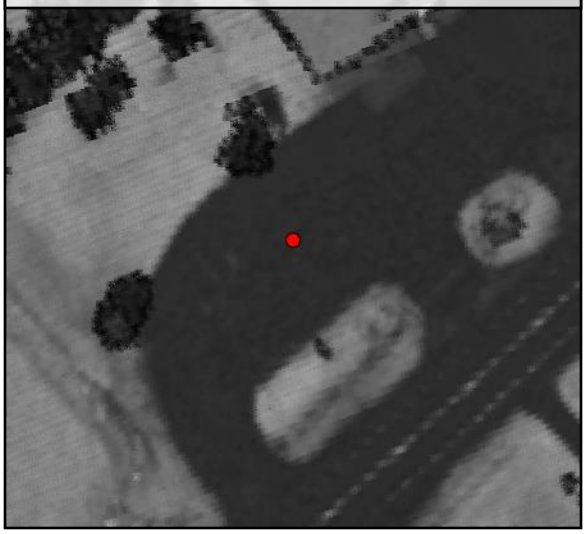
Southwest to Northeast



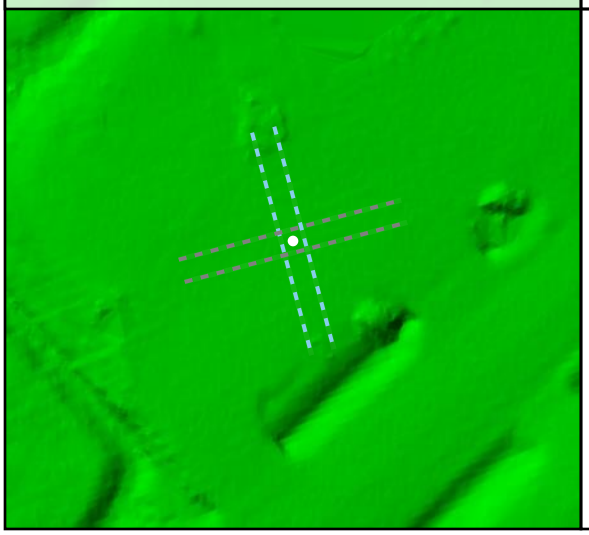
Southeast to Northwest



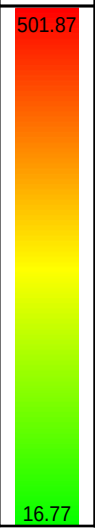
Intensity Raster



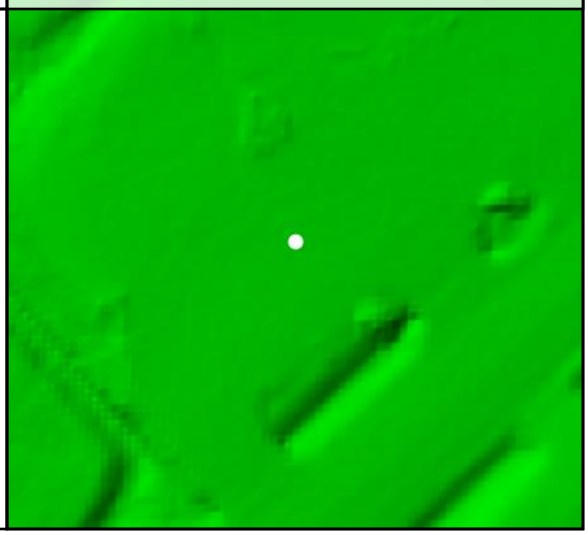
TIN Surface



Project Elevation



DEM Surface



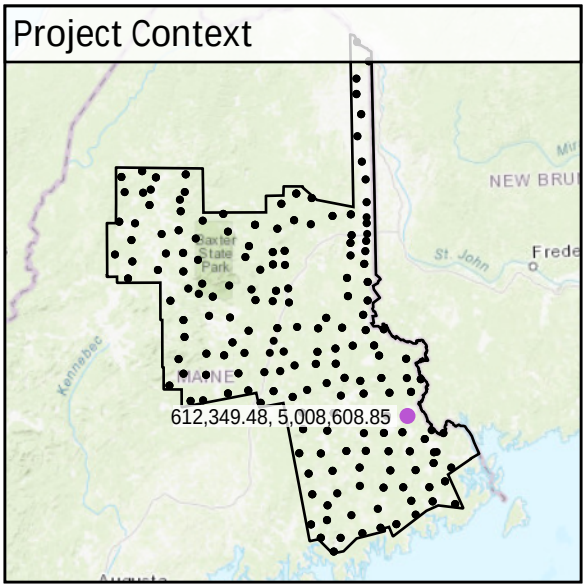
DEM Dz +0.02 m

CAL - CA44

All Points TIN Dz +0.01 m

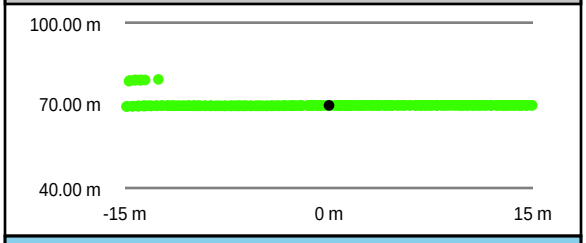
CA45				
	Known Z	69.98 m	Point Density	2.26 ppsm
	DEM Dz	-0.04 m	Ground Density	2.26 ppsm
	All Points TIN Dz	-0.03 m	Slope	0.88 °

Project Context



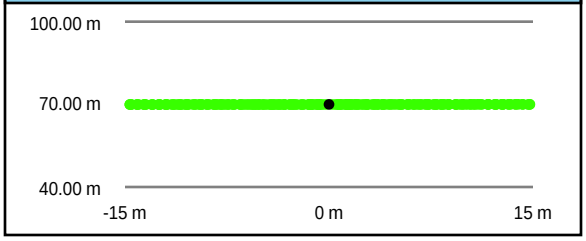
World Imagery

Southeast to Northwest

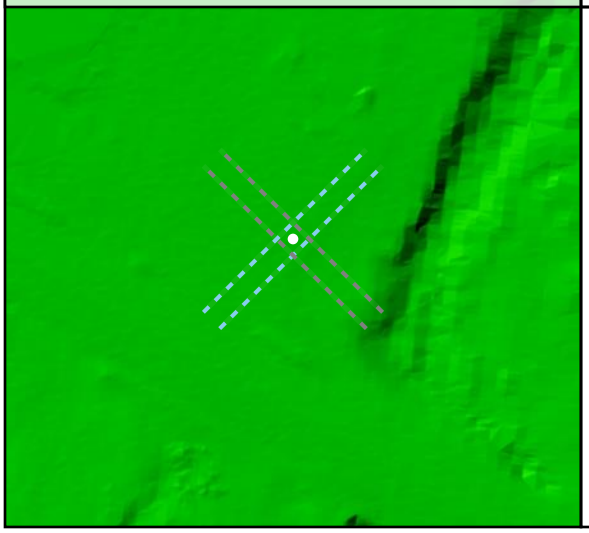


Intensity Raster

Southwest to Northeast



TIN Surface

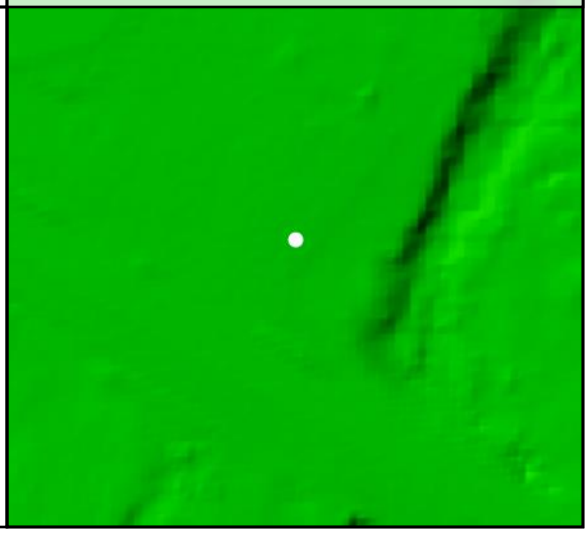


Project Elevation

501.87

16.77

DEM Surface



DEM Dz -0.04 m

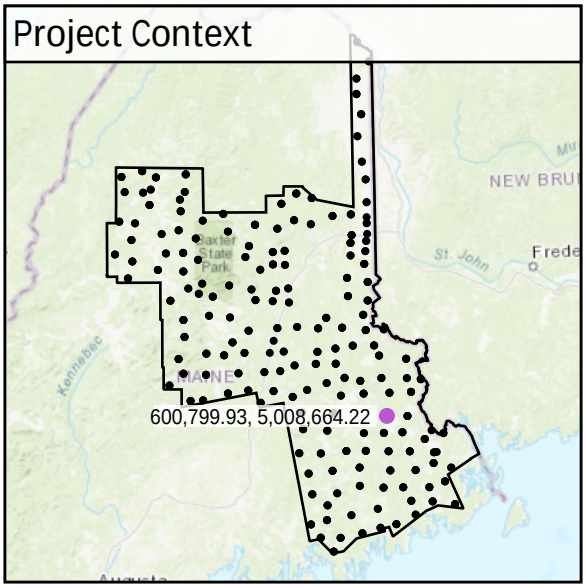
CAL - CA45

All Points TIN Dz -0.03 m

CA46

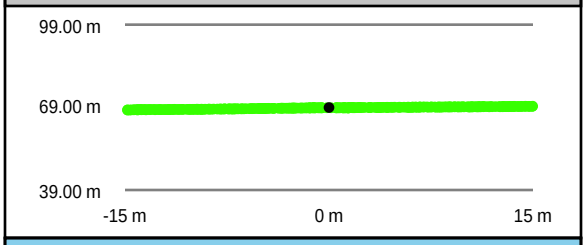
Known Z	68.93 m	Point Density	2.97 ppsm
DEM Dz	-0.10 m	Ground Density	2.97 ppsm
All Points TIN Dz	-0.09 m	Slope	2.41 °

Project Context

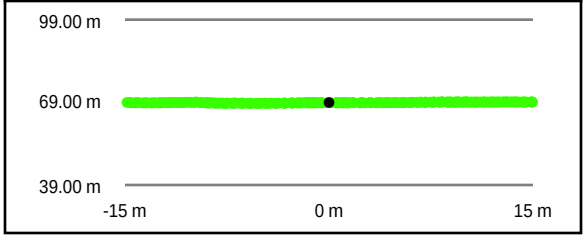


World Imagery

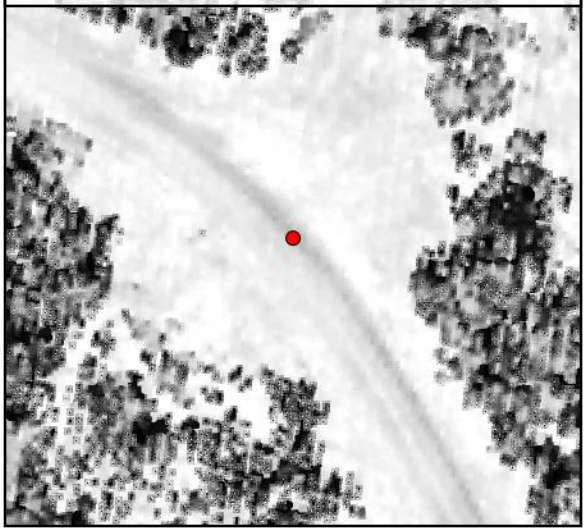
Southeast to Northwest



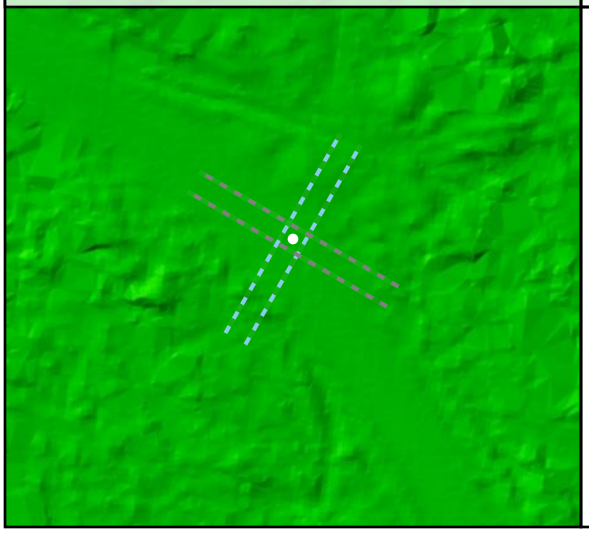
Southwest to Northeast



Intensity Raster

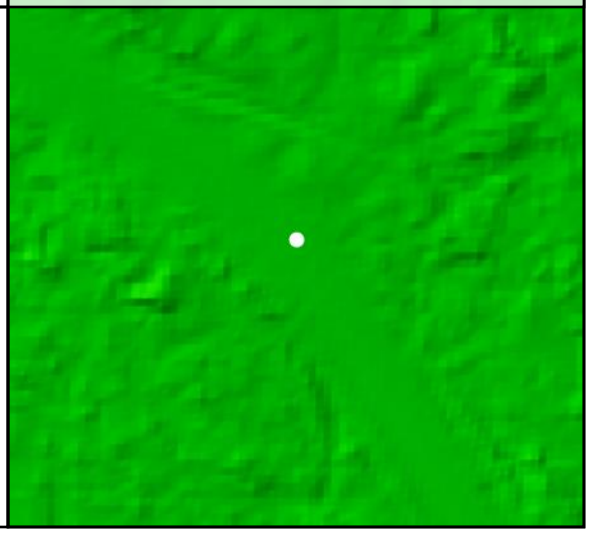


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.10 m

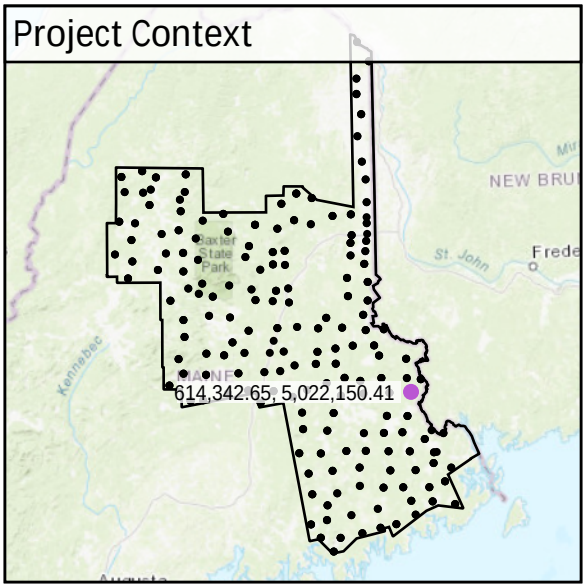
CAL - CA46

All Points TIN Dz -0.09 m

CA47

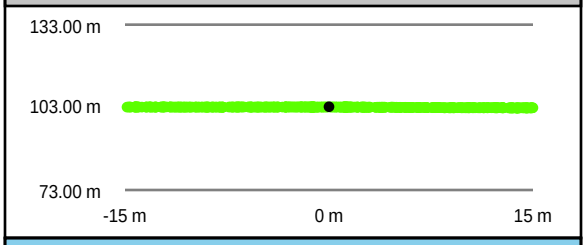
Known Z	103.21 m	Point Density	4.53 ppsm
DEM Dz	-0.09 m	Ground Density	4.31 ppsm
All Points TIN Dz	-0.09 m	Slope	1.46 °

Project Context

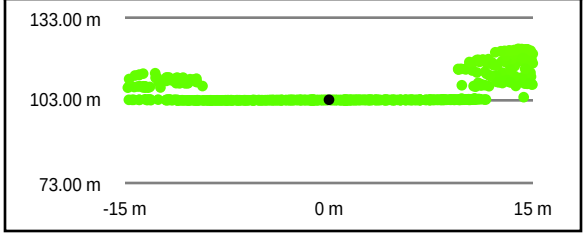


World Imagery

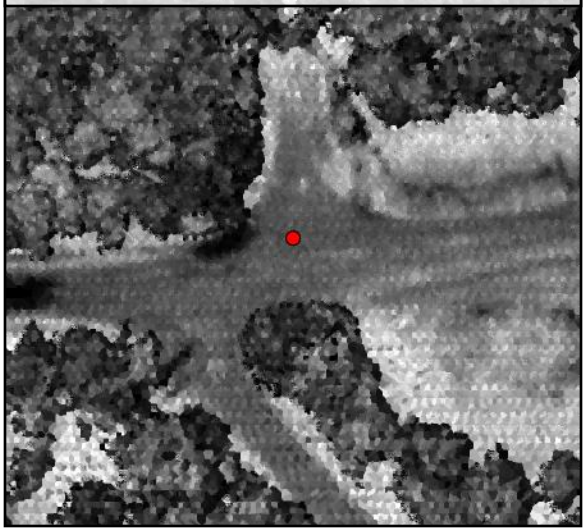
Southwest to Northeast



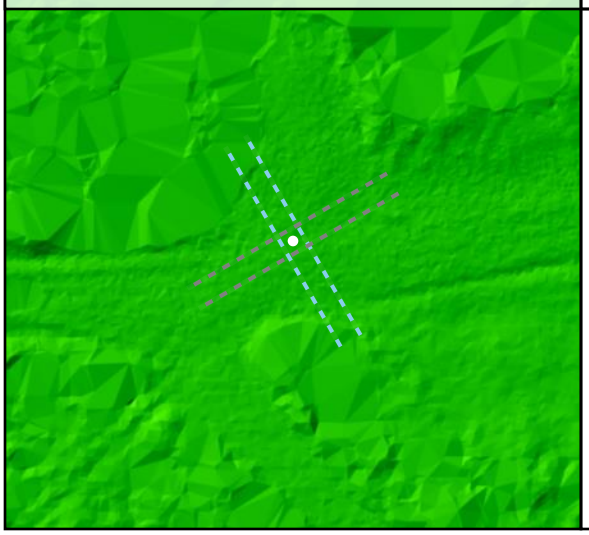
Southeast to Northwest



Intensity Raster



TIN Surface

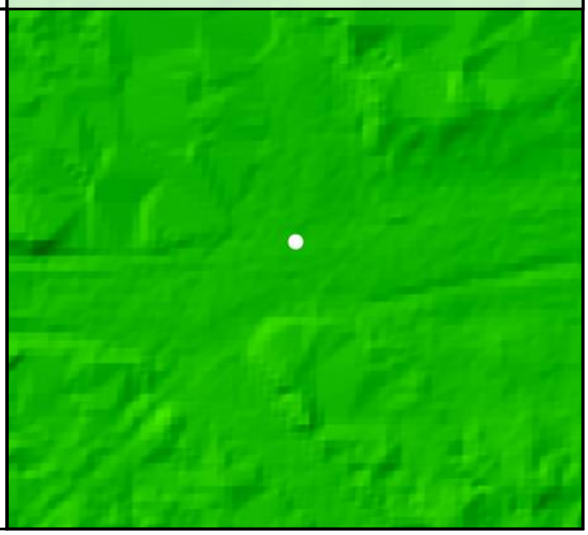


Project Elevation

501.87

16.77

DEM Surface



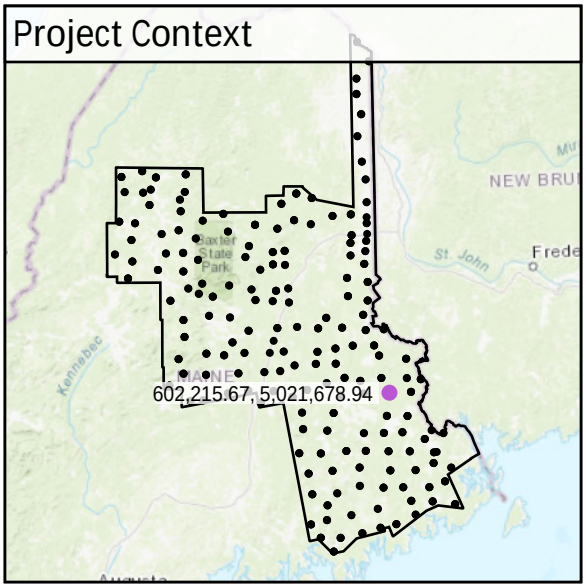
DEM Dz -0.09 m

CAL - CA47

All Points TIN Dz -0.09 m

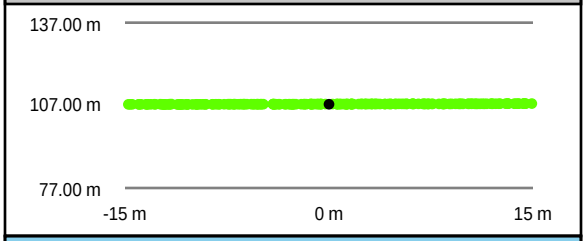
CA48				
	Known Z	107.39 m	Point Density	2.16 ppsm
	DEM Dz	0.06 m	Ground Density	2.16 ppsm
	All Points TIN Dz	0.07 m	Slope	1.28 °

Project Context

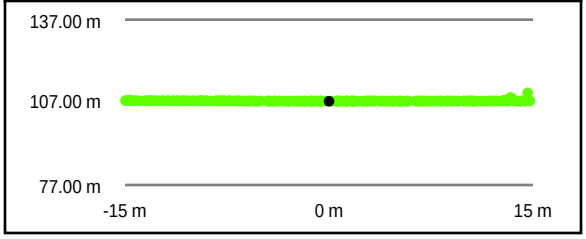


World Imagery

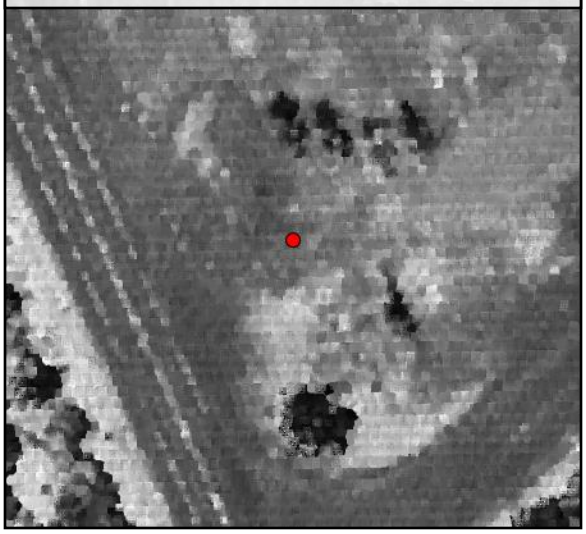
Southeast to Northwest



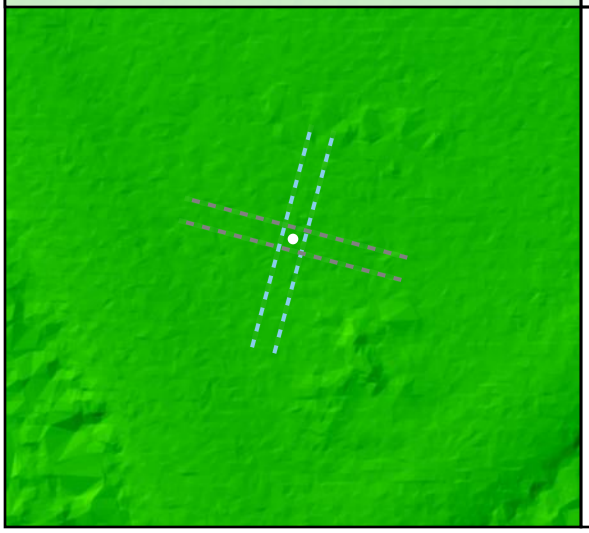
Southwest to Northeast



Intensity Raster

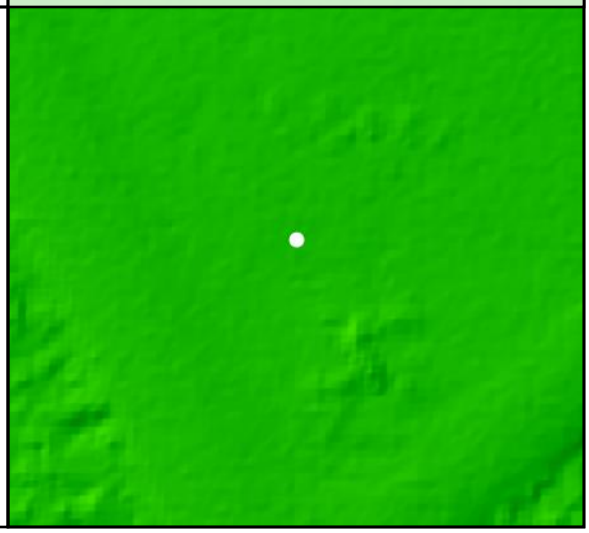


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

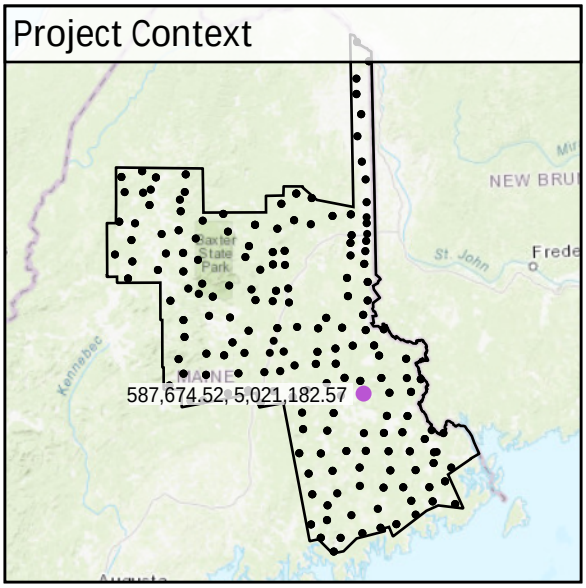
CAL - CA48

All Points TIN Dz +0.07 m

CA49

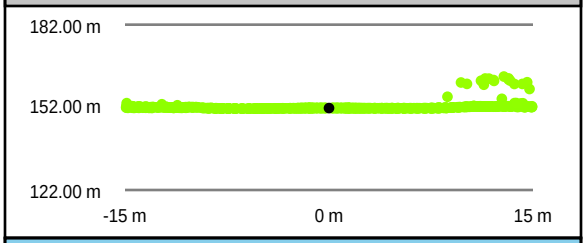
Known Z	151.73 m	Point Density	4.21 ppsm
DEM Dz	0.02 m	Ground Density	4.21 ppsm
All Points TIN Dz	0.02 m	Slope	0.66 °

Project Context

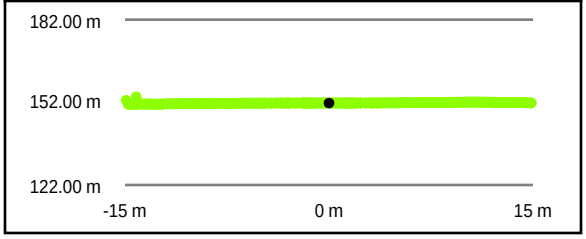


World Imagery

Southwest to Northeast

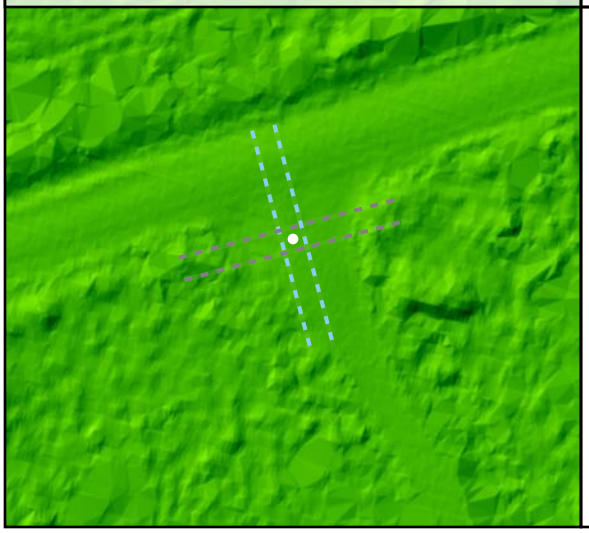


Southeast to Northwest



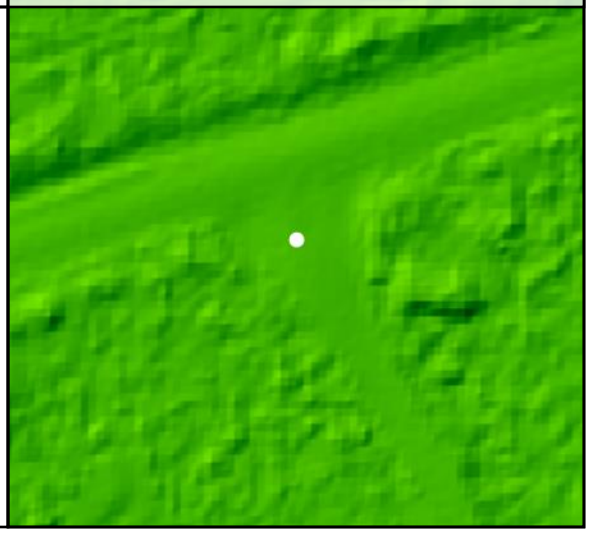
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

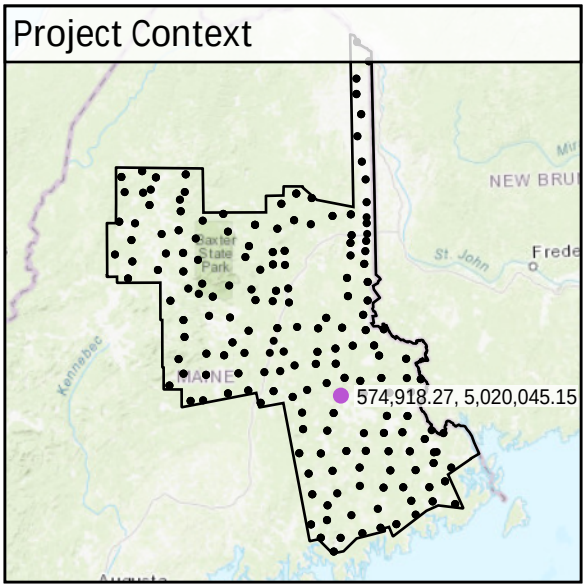
CAL - CA49

All Points TIN Dz +0.02 m

CA50

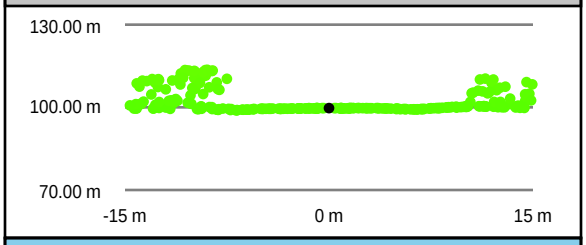
Known Z	99.72 m	Point Density	2.09 ppsm
DEM Dz	-0.05 m	Ground Density	2.09 ppsm
All Points TIN Dz	-0.05 m	Slope	3.62 °

Project Context

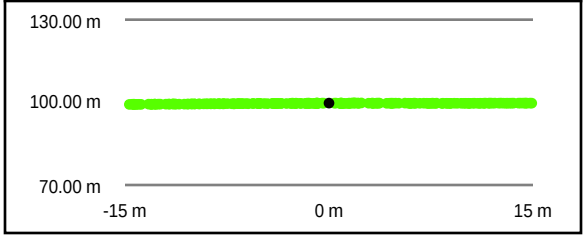


World Imagery

Southwest to Northeast

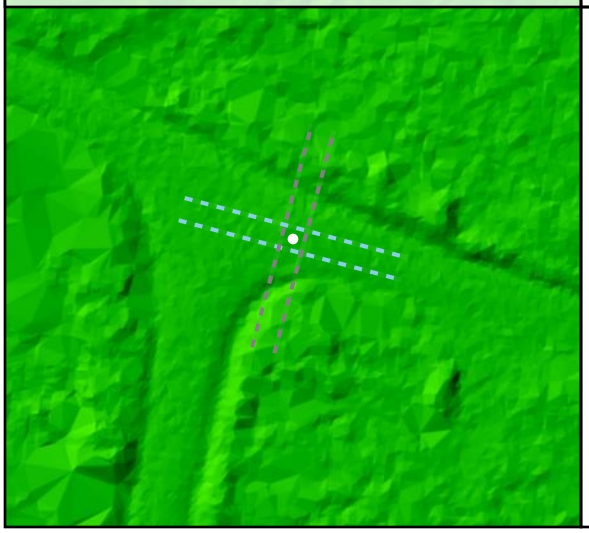


Southeast to Northwest

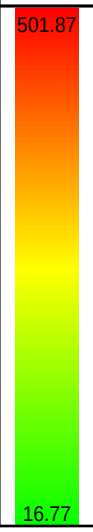


Intensity Raster

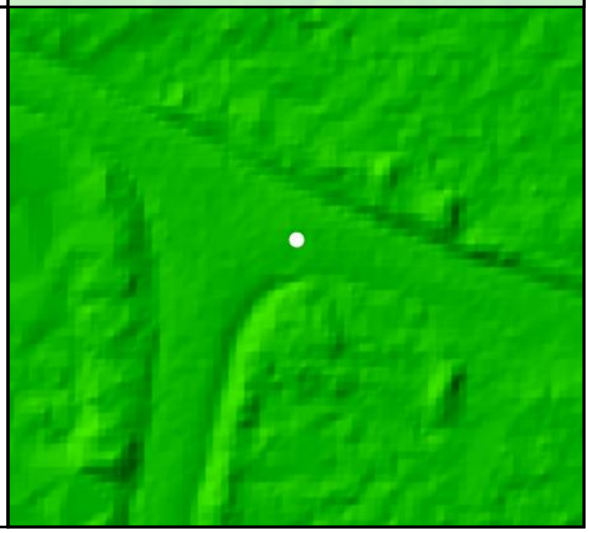
TIN Surface



Project Elevation



DEM Surface



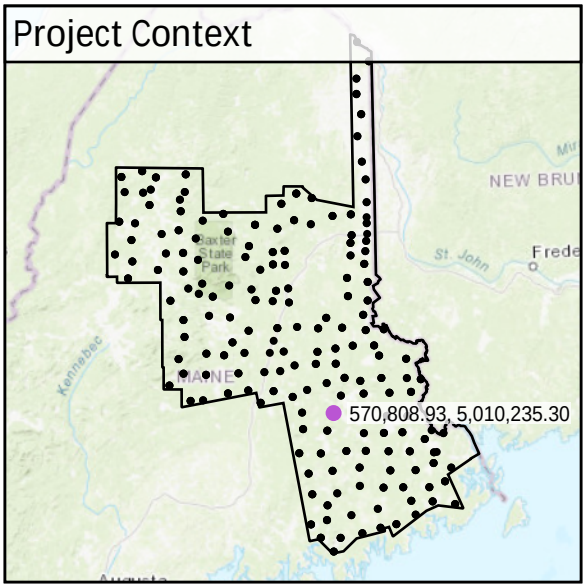
DEM Dz -0.05 m

CAL - CA50

All Points TIN Dz -0.05 m

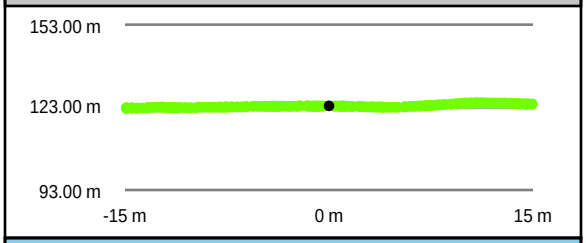
CA51				
	Known Z	123.53 m	Point Density	2.02 ppsm
	DEM Dz	-0.10 m	Ground Density	2.02 ppsm
	All Points TIN Dz	-0.09 m	Slope	4.08 °

Project Context

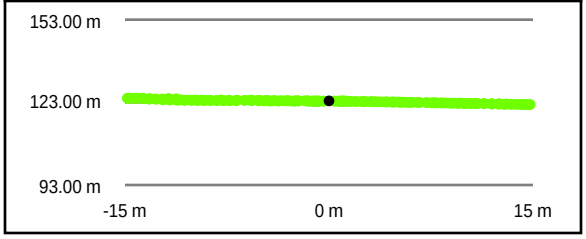


World Imagery

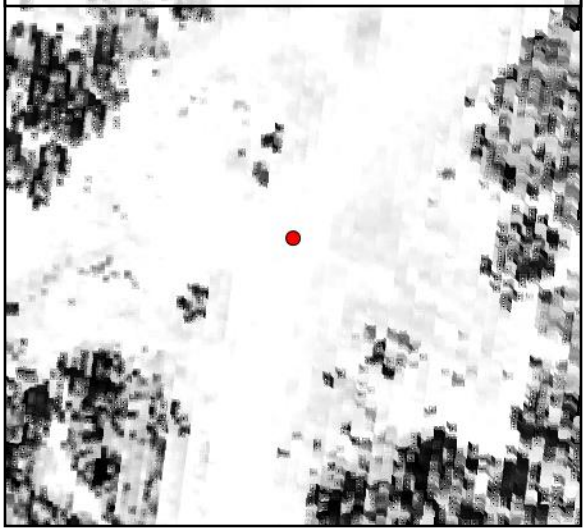
Southeast to Northwest



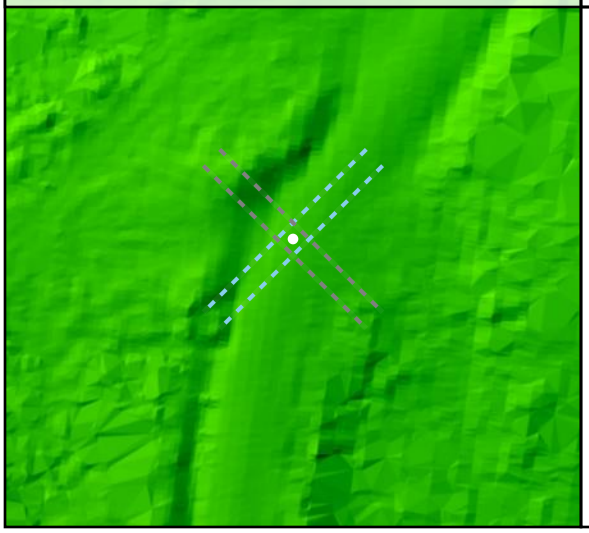
Southwest to Northeast



Intensity Raster

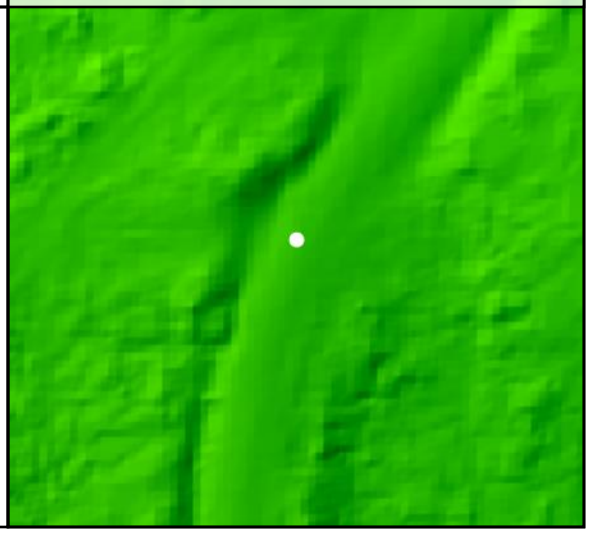


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.10 m

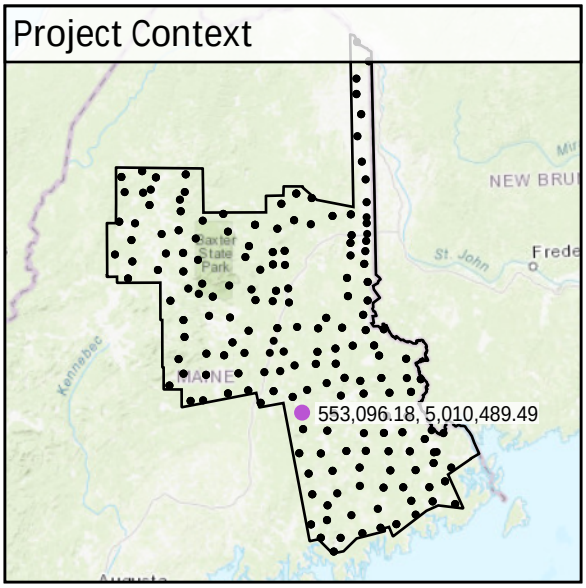
CAL - CA51

All Points TIN Dz -0.09 m

CA52

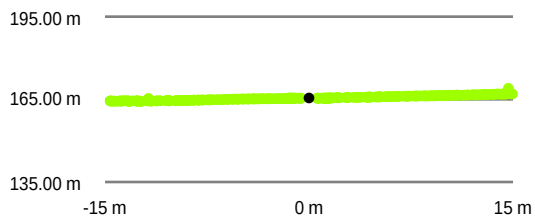
Known Z	165.49 m	Point Density	2.48 ppsm
DEM Dz	-0.08 m	Ground Density	2.48 ppsm
All Points TIN Dz	-0.08 m	Slope	4.58 °

Project Context

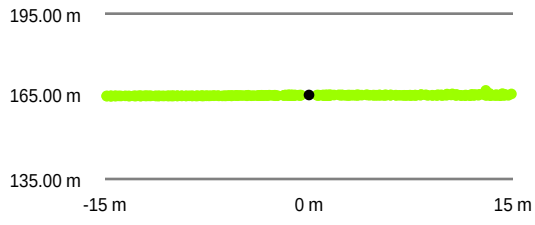


World Imagery

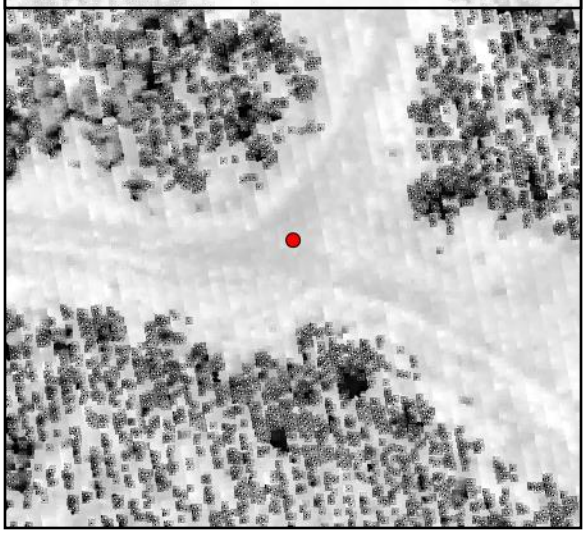
Southwest to Northeast



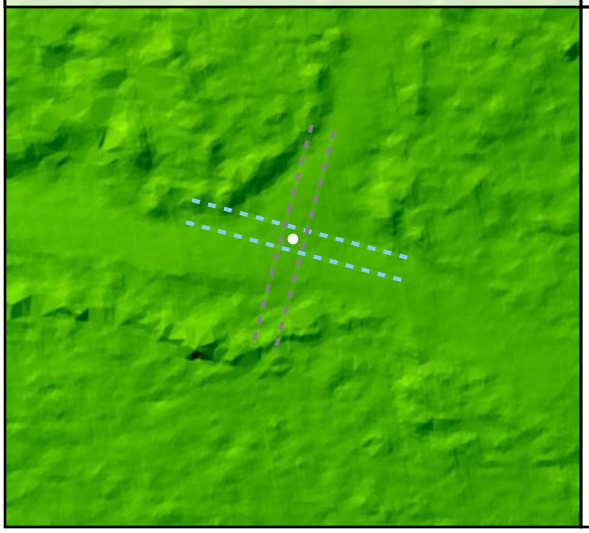
Southeast to Northwest



Intensity Raster

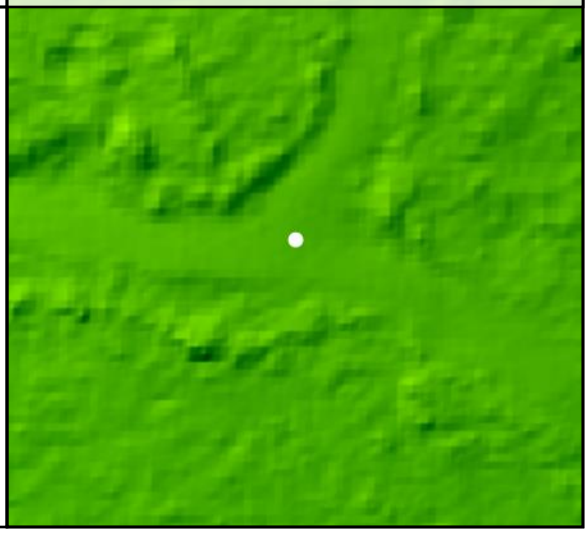


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

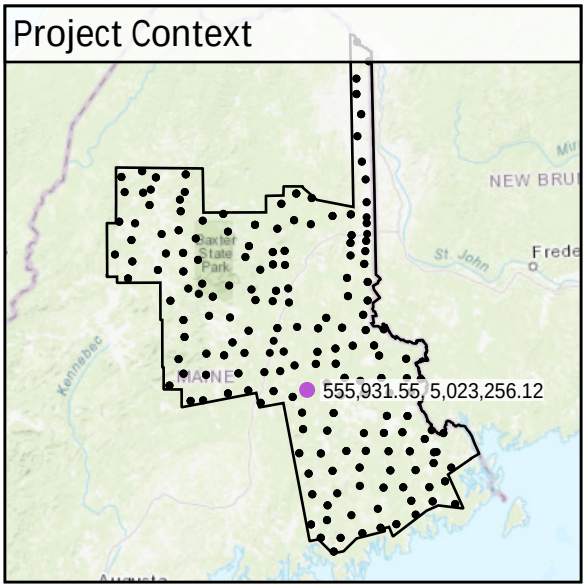
CAL - CA52

All Points TIN Dz -0.08 m

CA53

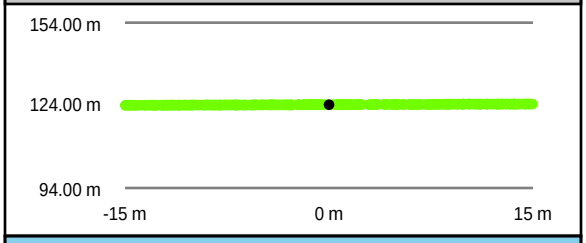
Known Z	124.23 m	Point Density	2.51 ppsm
DEM Dz	0.01 m	Ground Density	2.48 ppsm
All Points TIN Dz	0.03 m	Slope	0.14 °

Project Context

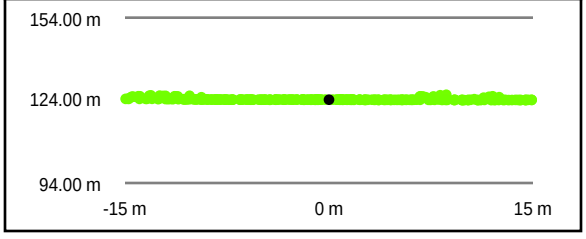


World Imagery

Southeast to Northwest

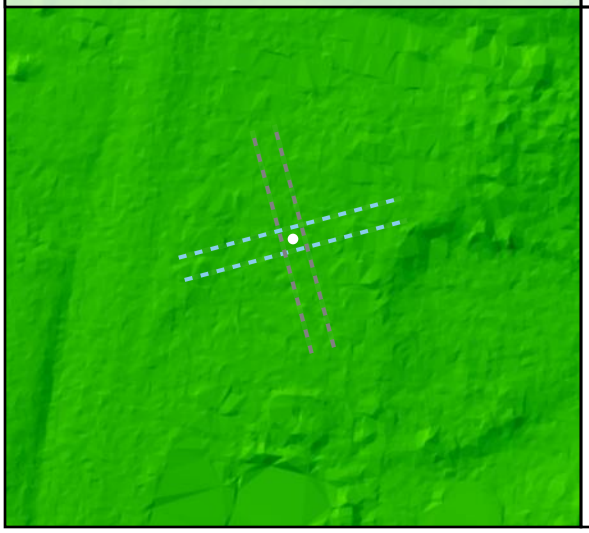


Southwest to Northeast

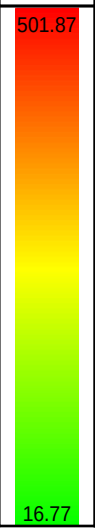


Intensity Raster

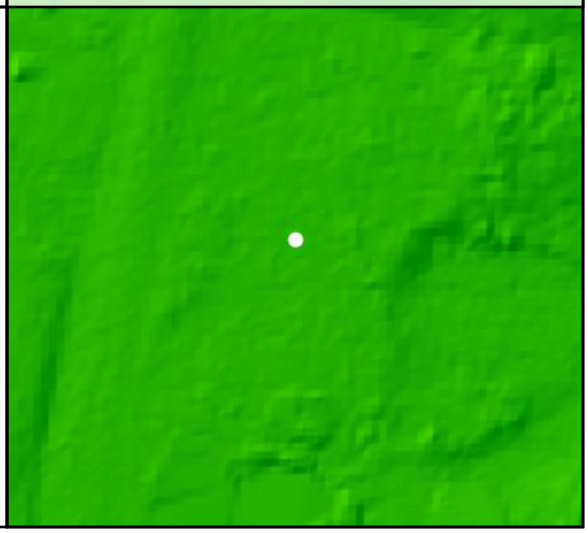
TIN Surface



Project Elevation



DEM Surface



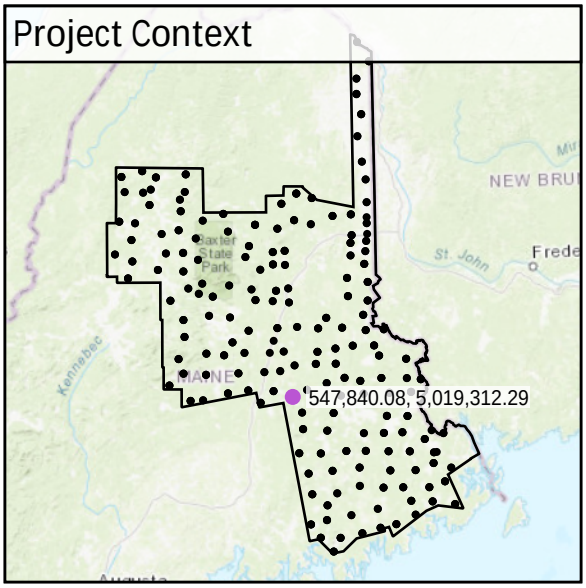
DEM Dz +0.01 m

CAL - CA53

All Points TIN Dz +0.03 m

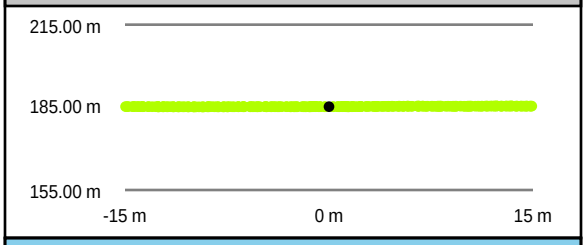
CA54				
	Known Z	185.24 m	Point Density	2.58 ppsm
	DEM Dz	0.00 m	Ground Density	2.58 ppsm
	All Points TIN Dz	-0.02 m	Slope	1.22 °

Project Context

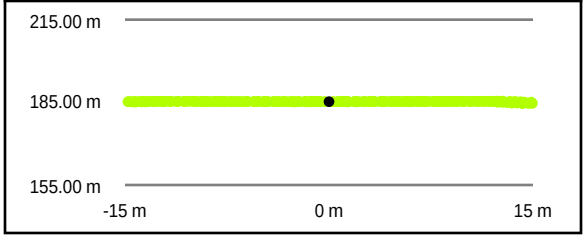


World Imagery

Southeast to Northwest

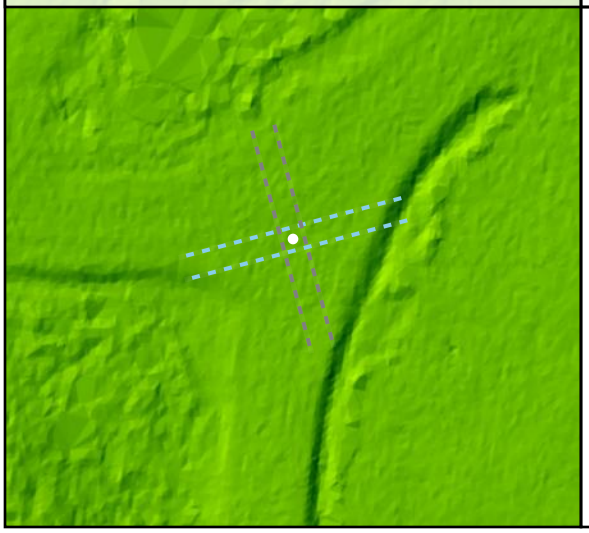


Southwest to Northeast



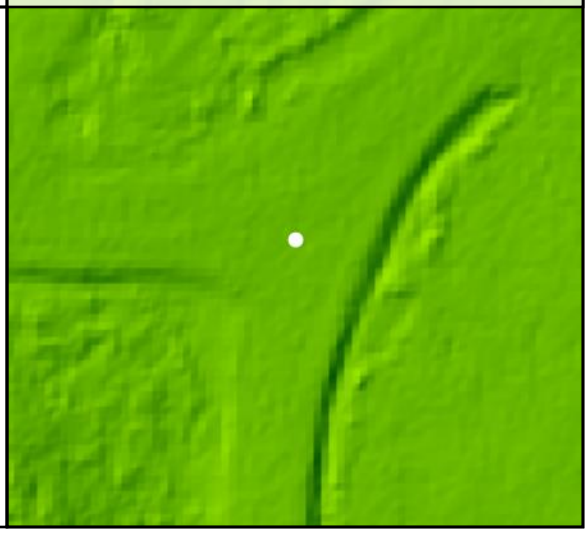
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

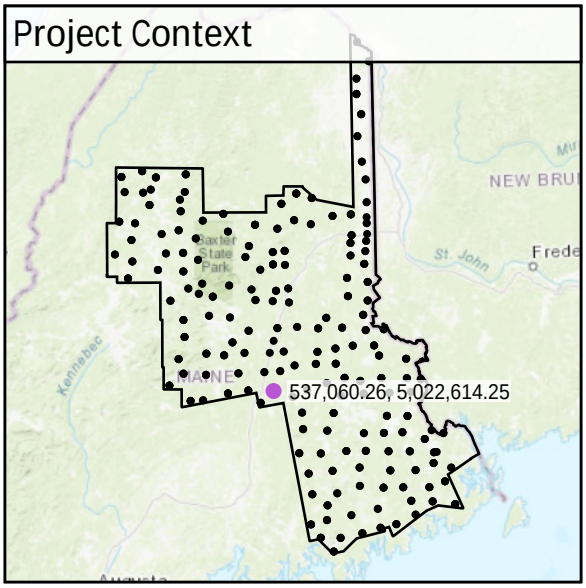
CAL - CA54

All Points TIN Dz -0.02 m

CA55

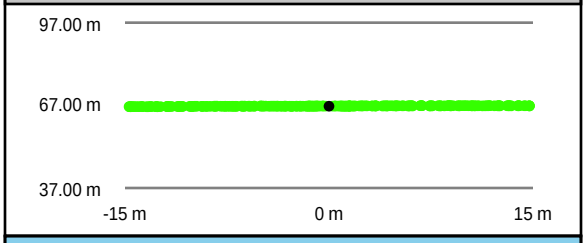
Known Z	66.68 m	Point Density	2.44 ppsm
DEM Dz	0.05 m	Ground Density	2.41 ppsm
All Points TIN Dz	0.04 m	Slope	1.45 °

Project Context

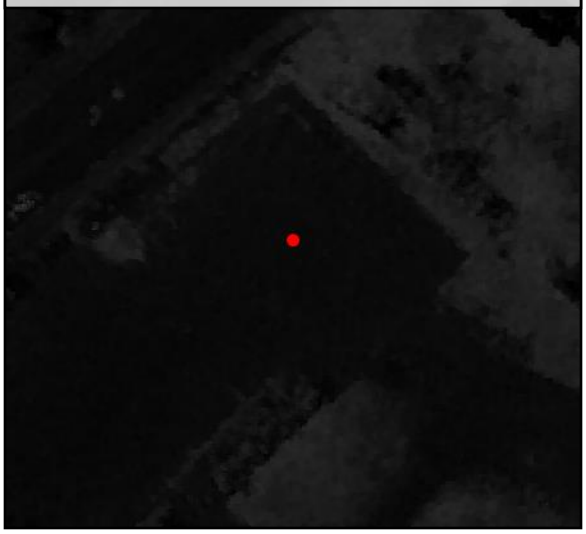


World Imagery

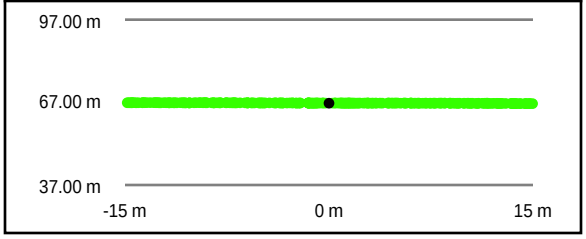
Southwest to Northeast



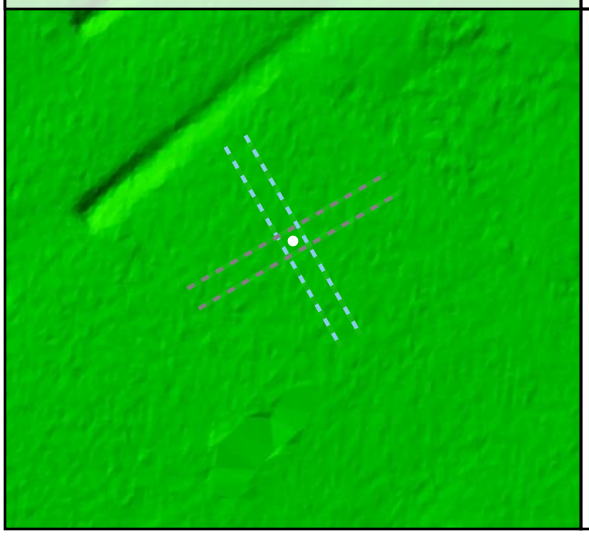
Intensity Raster



Southeast to Northwest

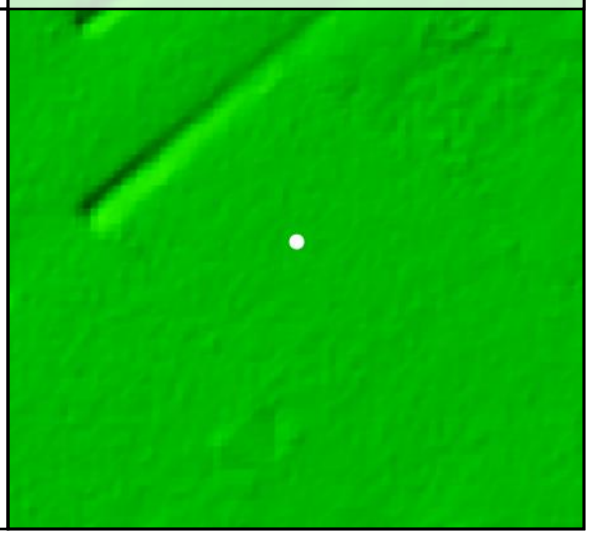


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

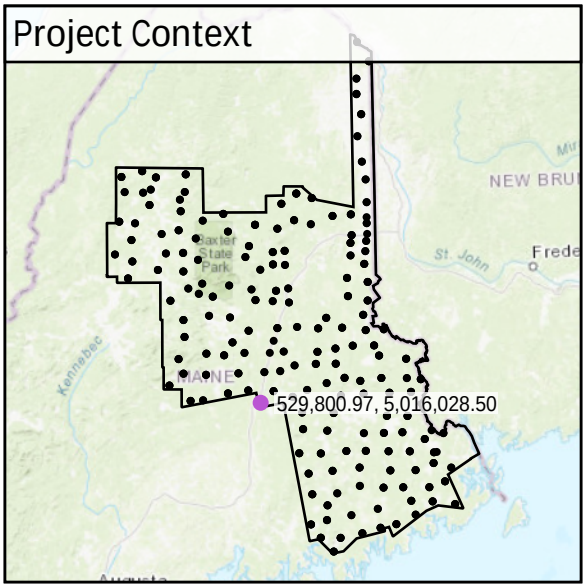
CAL - CA55

All Points TIN Dz +0.04 m

CA56

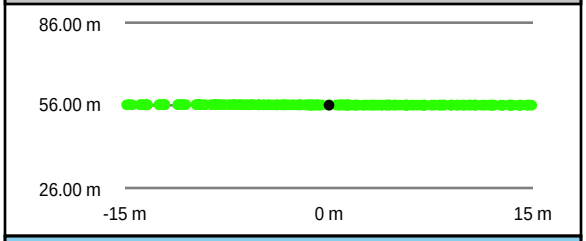
Known Z	56.05 m	Point Density	2.23 ppsm
DEM Dz	0.08 m	Ground Density	2.23 ppsm
All Points TIN Dz	0.09 m	Slope	1.78 °

Project Context

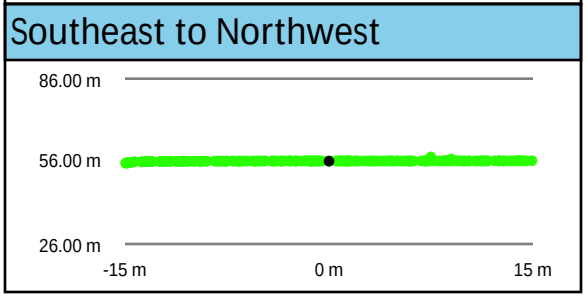


World Imagery

Southwest to Northeast

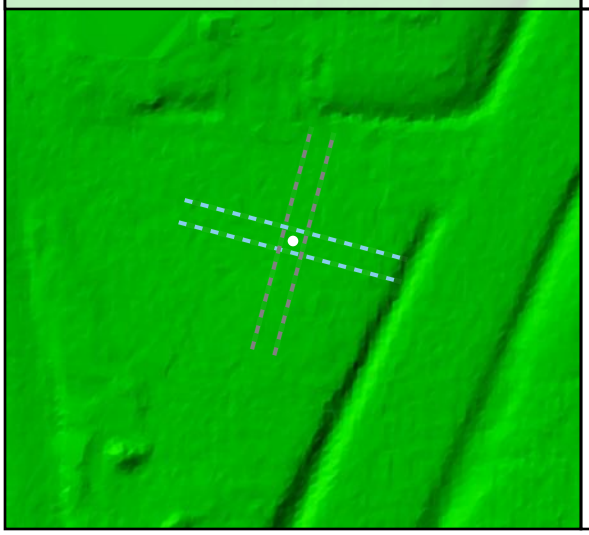


Southeast to Northwest



Intensity Raster

TIN Surface

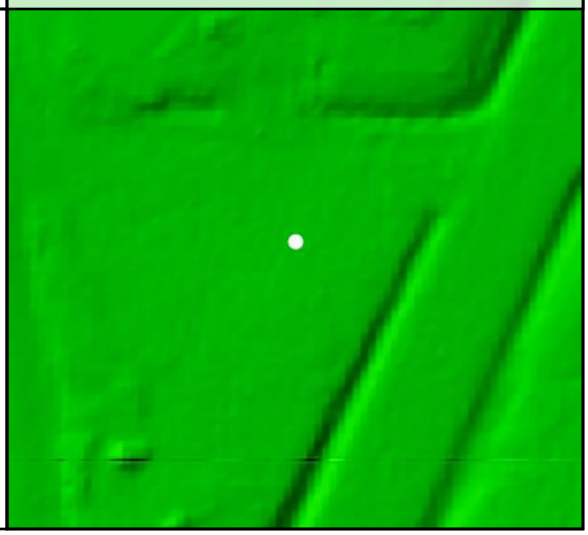


Project Elevation

501.87

16.77

DEM Surface



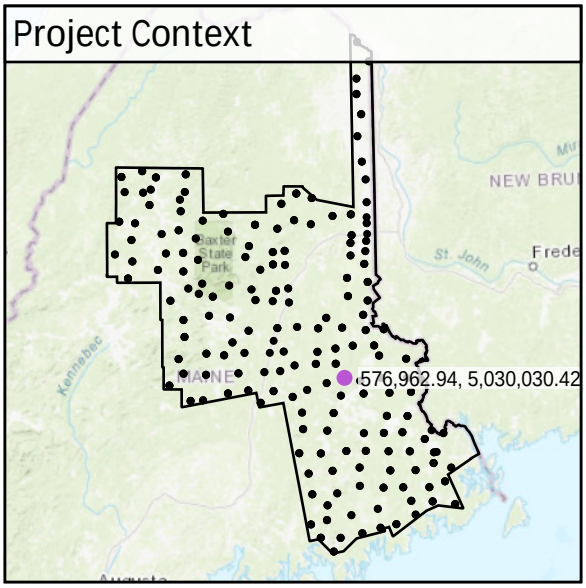
DEM Dz +0.08 m

CAL - CA56

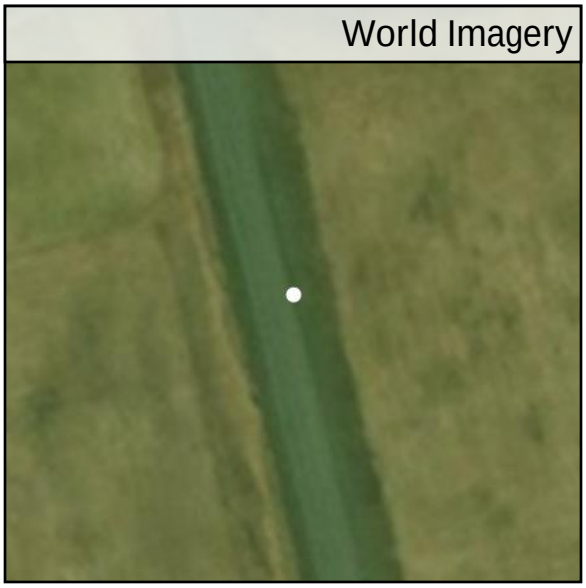
All Points TIN Dz +0.09 m

CA57				
	Known Z	209.93 m	Point Density	2.51 ppsm
	DEM Dz	0.02 m	Ground Density	2.51 ppsm
	All Points TIN Dz	0.02 m	Slope	4.12 °

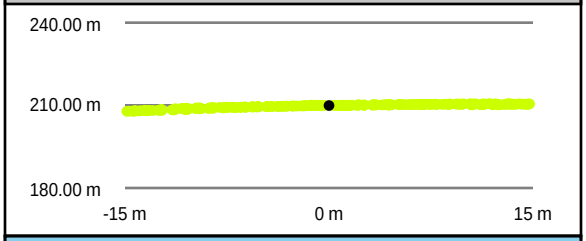
Project Context



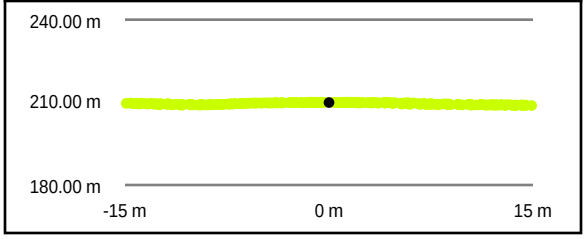
World Imagery



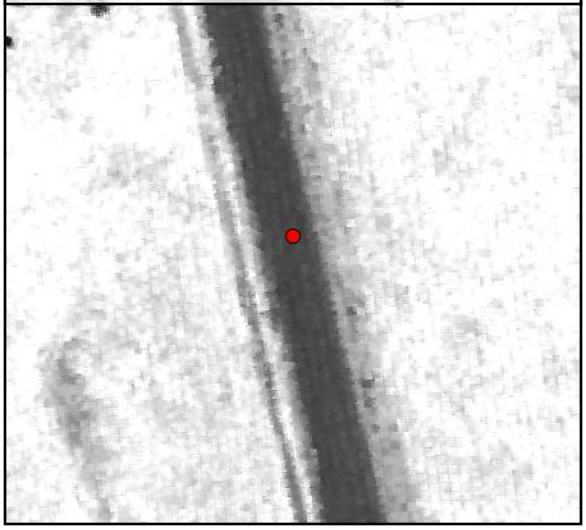
Southeast to Northwest



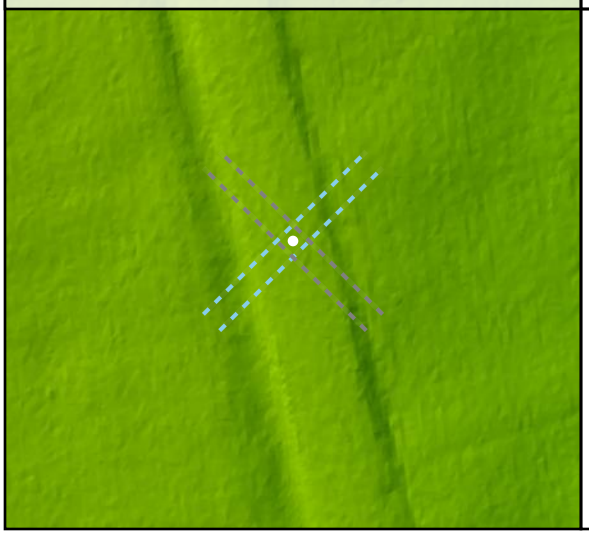
Southwest to Northeast



Intensity Raster

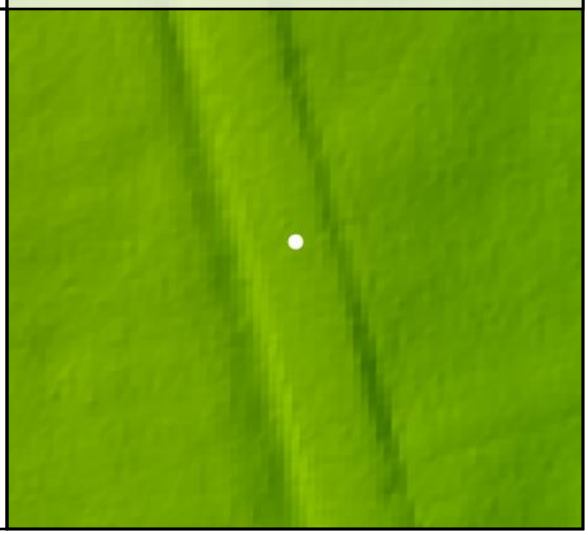


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

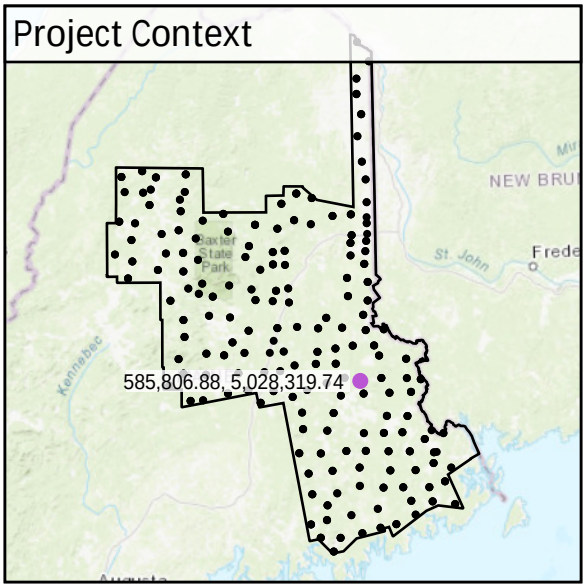
CAL - CA57

All Points TIN Dz +0.02 m

CA58

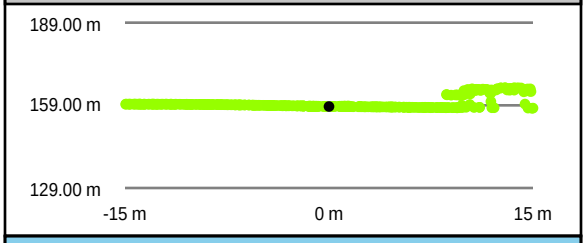
Known Z	158.57 m	Point Density	3.22 ppsm
DEM Dz	0.05 m	Ground Density	3.22 ppsm
All Points TIN Dz	0.05 m	Slope	4.18 °

Project Context

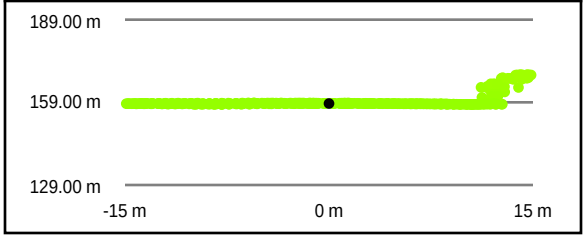


World Imagery

Southwest to Northeast

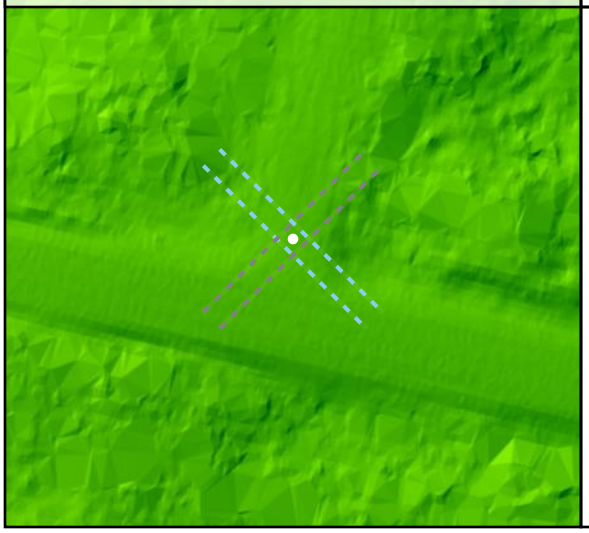


Southeast to Northwest



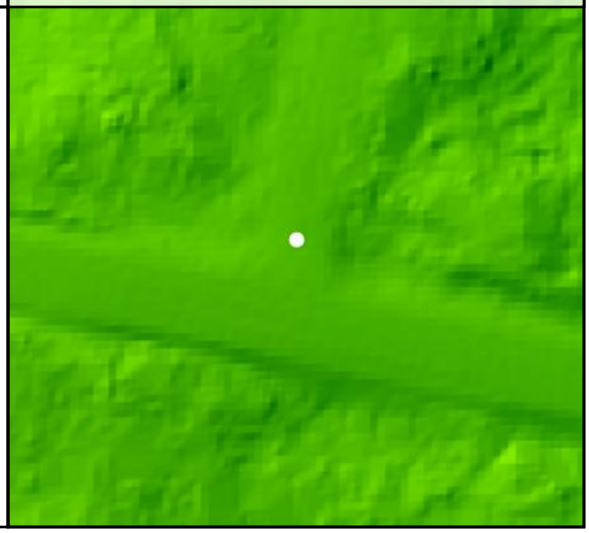
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

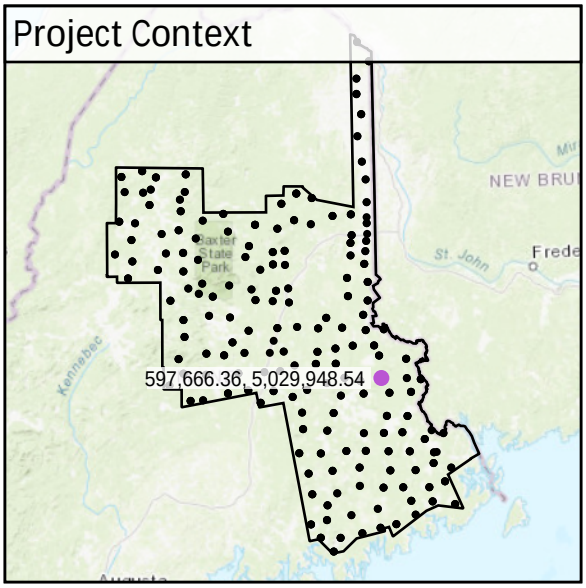
CAL - CA58

All Points TIN Dz +0.05 m

CA59

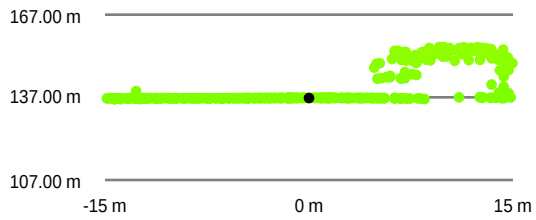
Known Z	136.75 m	Point Density	3.18 ppsm
DEM Dz	0.06 m	Ground Density	3.18 ppsm
All Points TIN Dz	0.07 m	Slope	0.46 °

Project Context

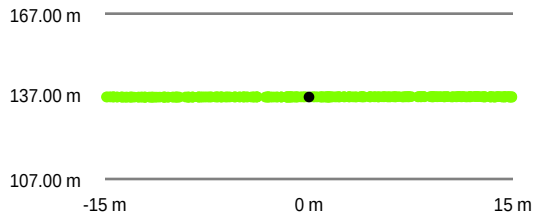


World Imagery

Southwest to Northeast

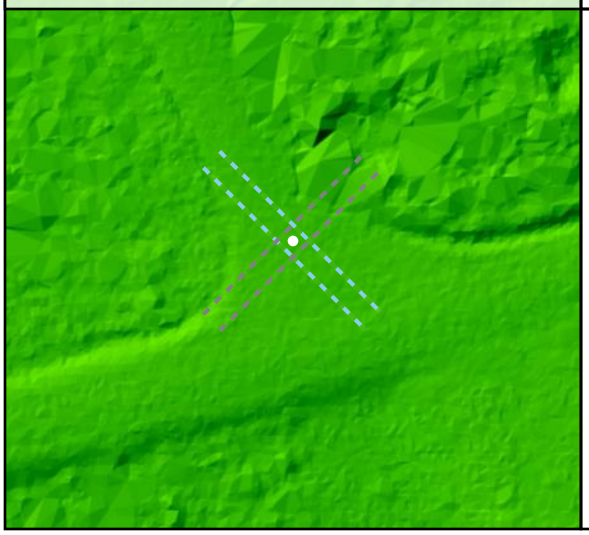


Southeast to Northwest



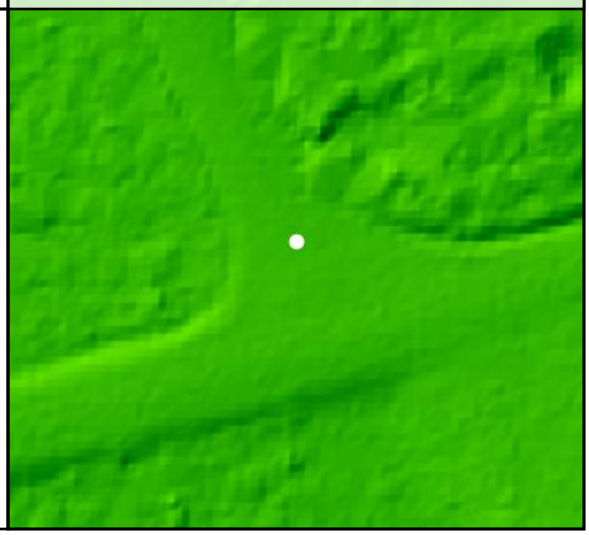
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

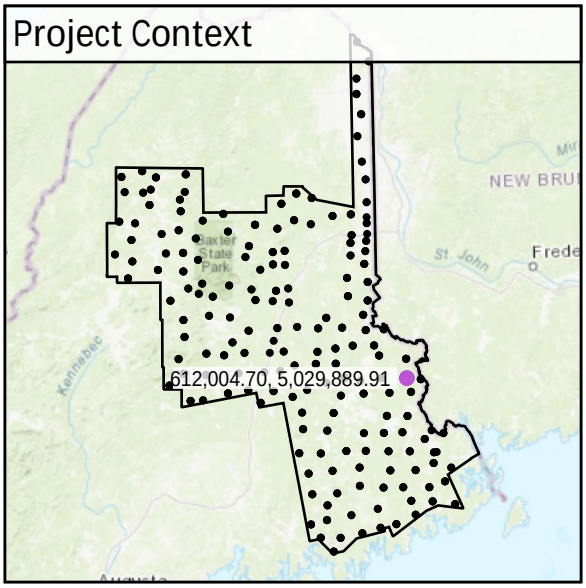
CAL - CA59

All Points TIN Dz +0.07 m

CA60

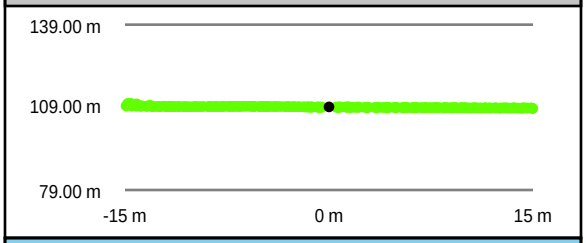
Known Z	109.15 m	Point Density	2.23 ppsm
DEM Dz	-0.07 m	Ground Density	2.23 ppsm
All Points TIN Dz	-0.08 m	Slope	2.57 °

Project Context

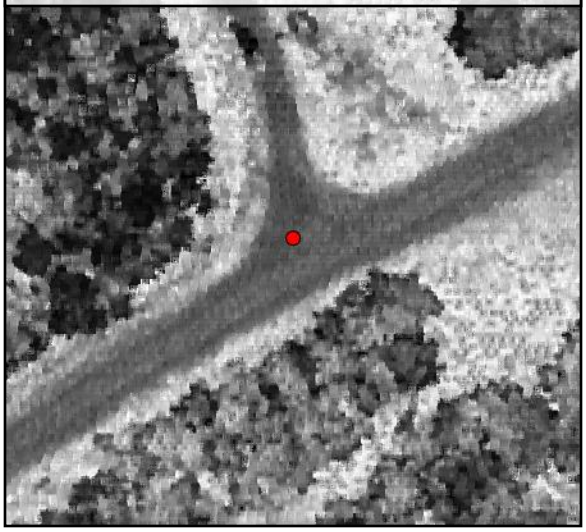


World Imagery

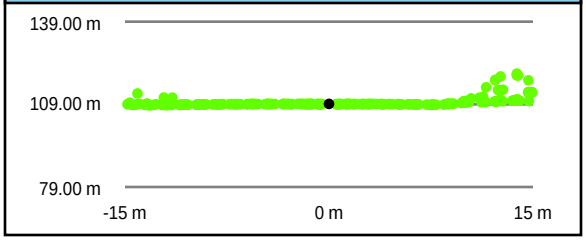
Southwest to Northeast



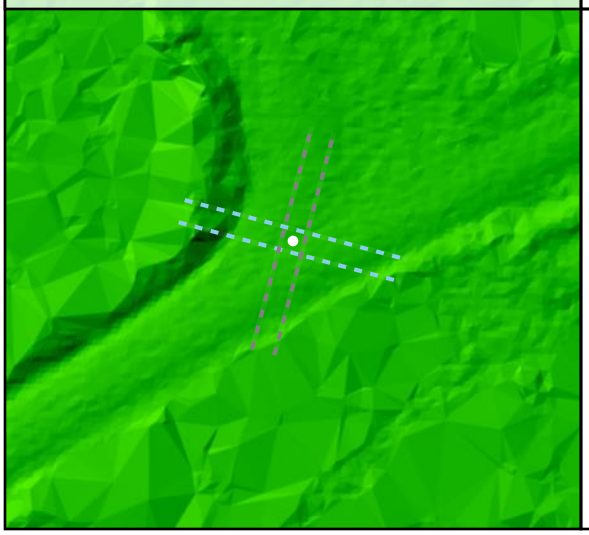
Intensity Raster



Southeast to Northwest

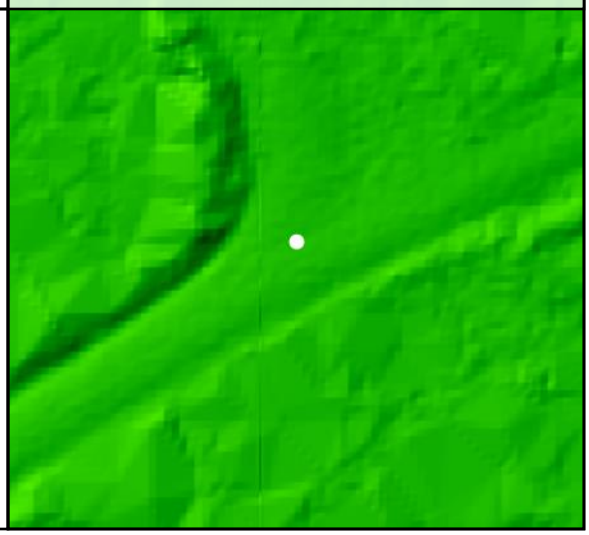


TIN Surface



Project Elevation

DEM Surface



All Points TIN Dz -0.08 m

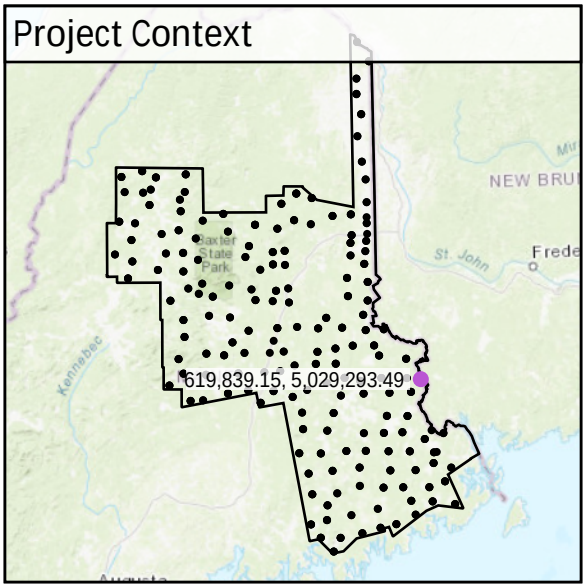
CAL - CA60

DEM Dz -0.07 m

CA61

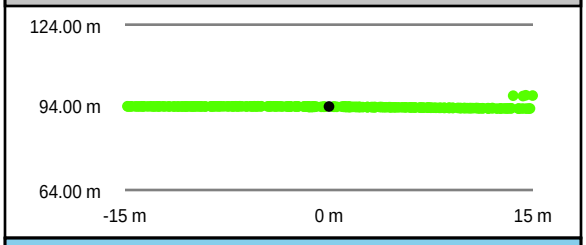
Known Z	94.30 m	Point Density	2.30 ppsm
DEM Dz	-0.09 m	Ground Density	2.30 ppsm
All Points TIN Dz	-0.08 m	Slope	3.60 °

Project Context

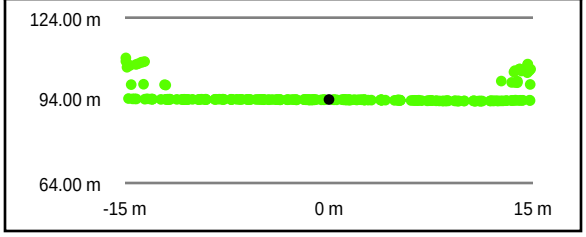


World Imagery

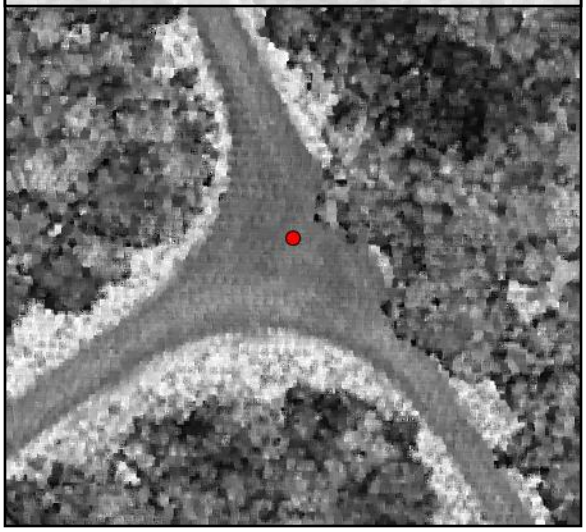
Southwest to Northeast



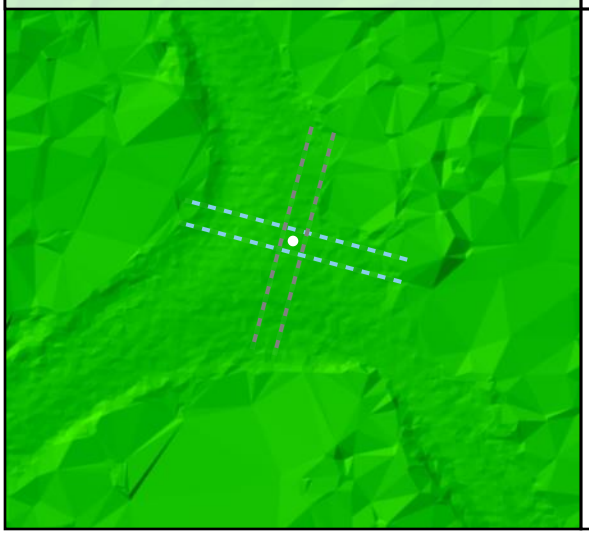
Southeast to Northwest



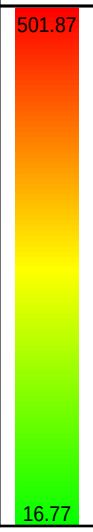
Intensity Raster



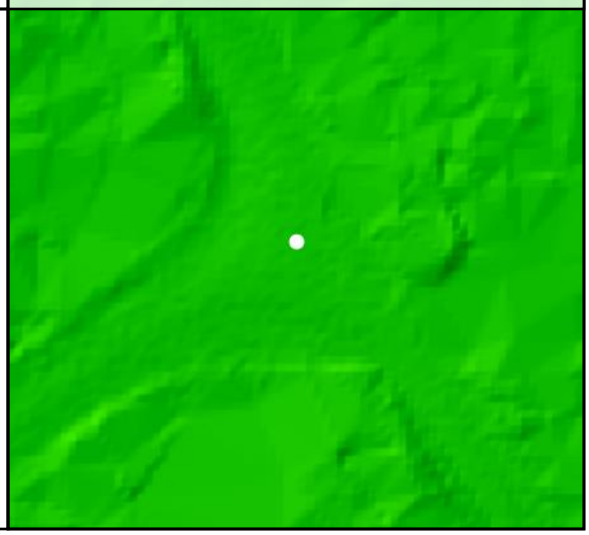
TIN Surface



Project Elevation



DEM Surface



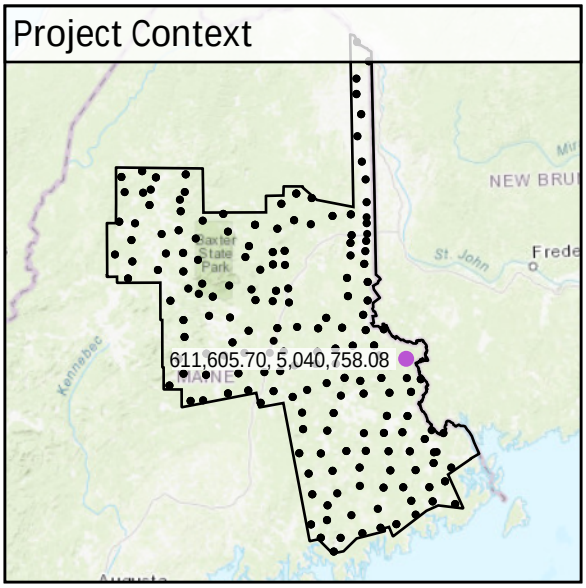
DEM Dz -0.09 m

CAL - CA61

All Points TIN Dz -0.08 m

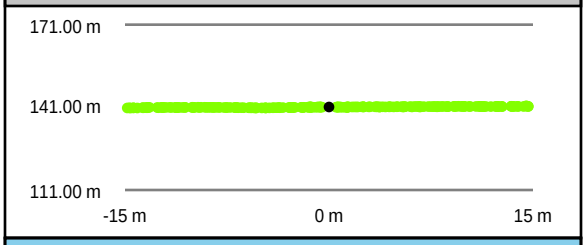
CA62				
	Known Z	141.12 m	Point Density	2.16 ppsm
	DEM Dz	-0.04 m	Ground Density	2.16 ppsm
	All Points TIN Dz	-0.05 m	Slope	2.19 °

Project Context

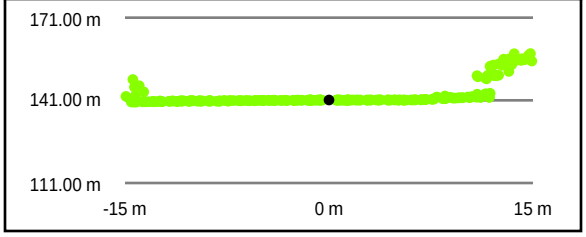


World Imagery

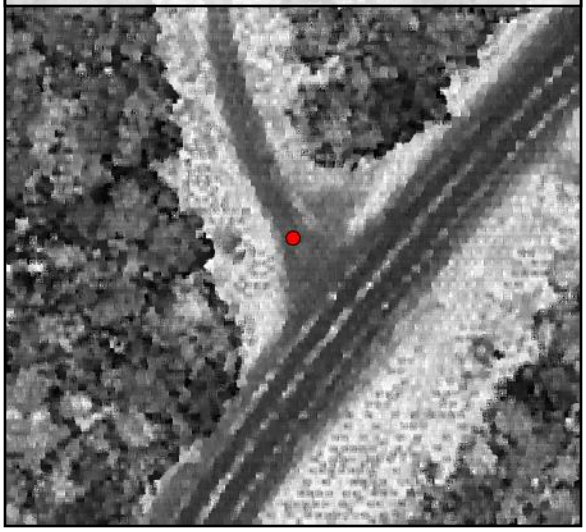
Southeast to Northwest



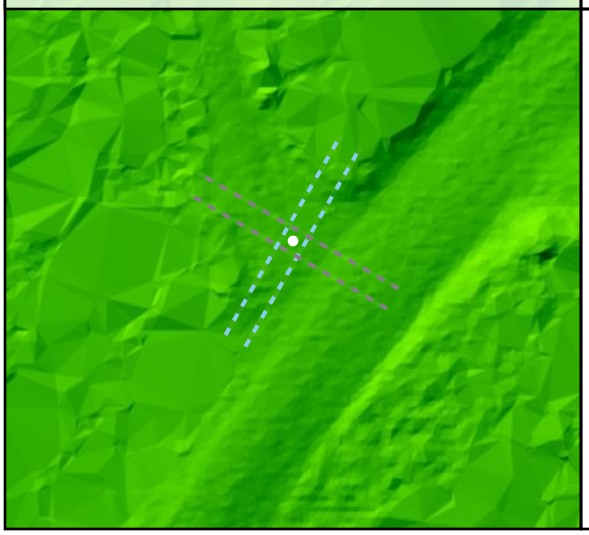
Southwest to Northeast



Intensity Raster

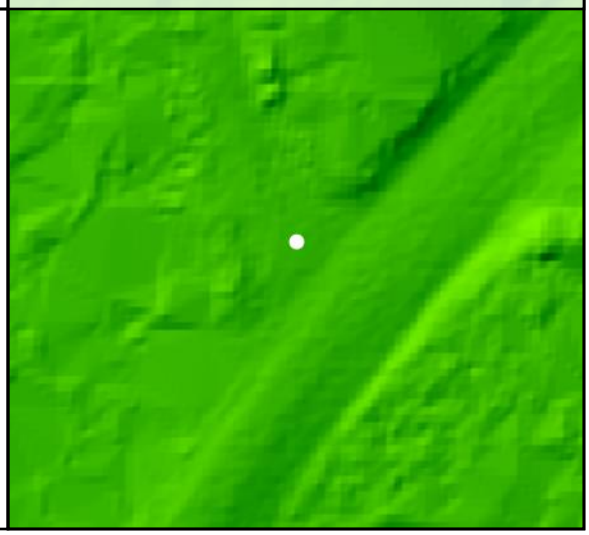


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

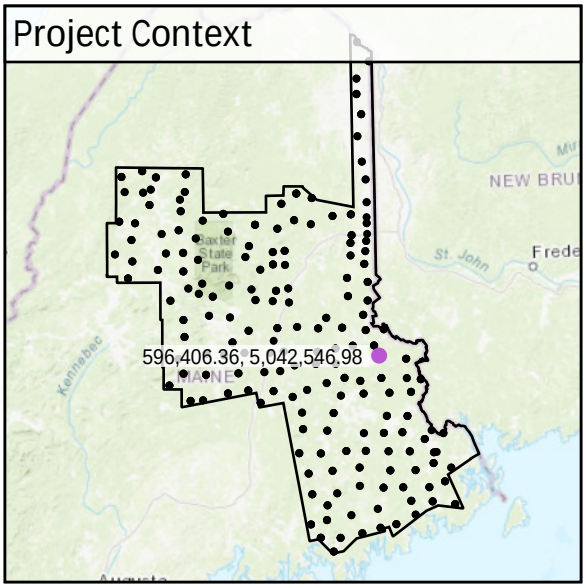
CAL - CA62

All Points TIN Dz -0.05 m

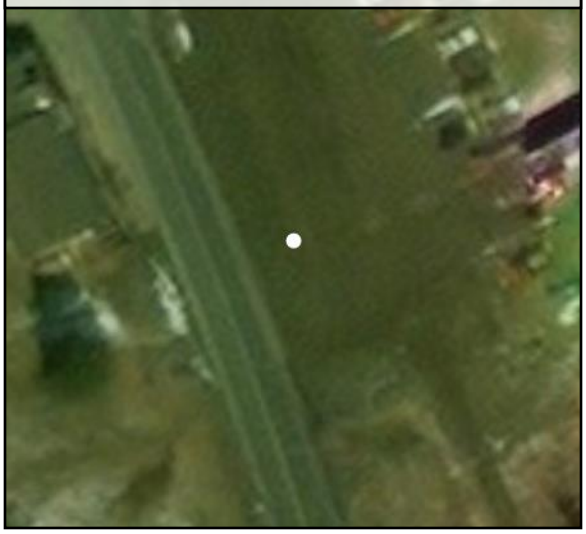
CA63

Known Z	136.79 m	Point Density	2.37 ppsm
DEM Dz	0.01 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.01 m	Slope	1.21 °

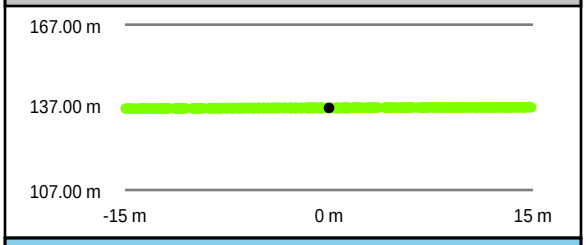
Project Context



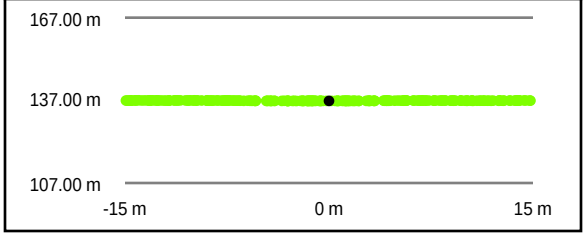
World Imagery



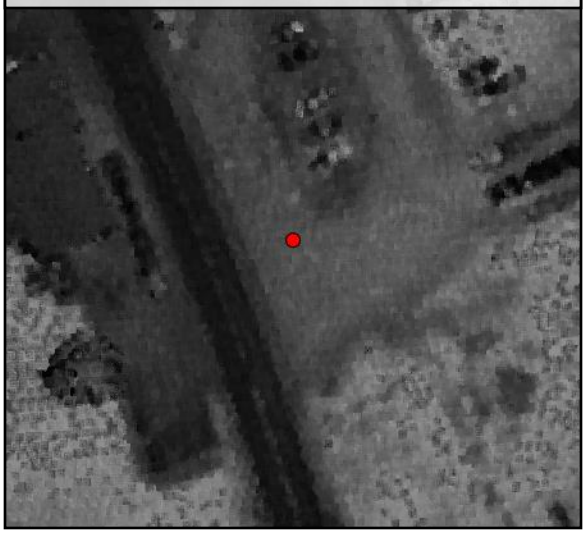
Southeast to Northwest



Southwest to Northeast



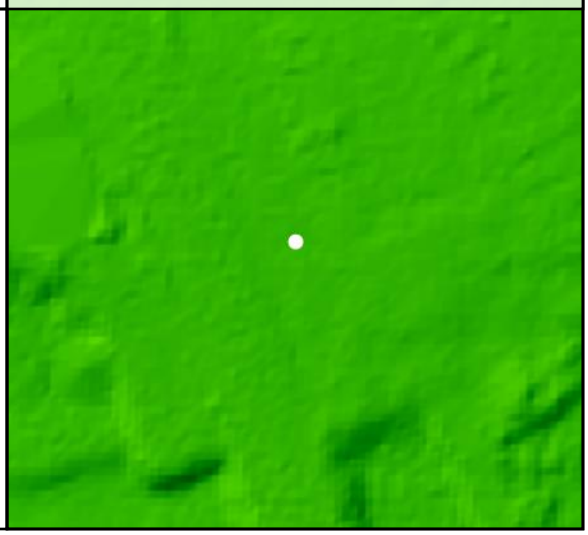
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz +0.01 m

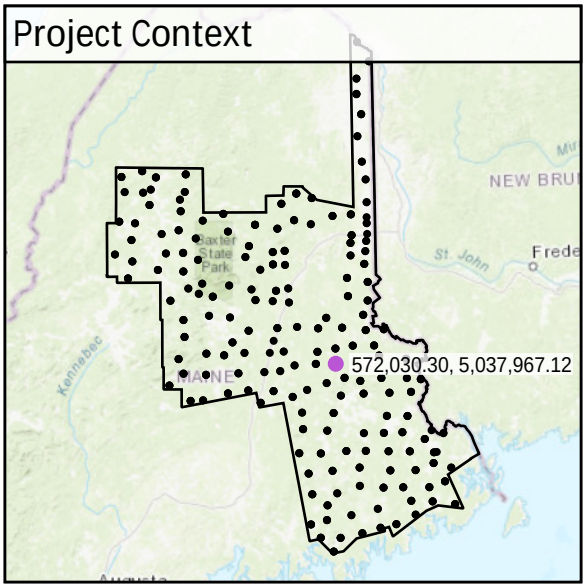
CAL - CA63

All Points TIN Dz +0.01 m

CA64

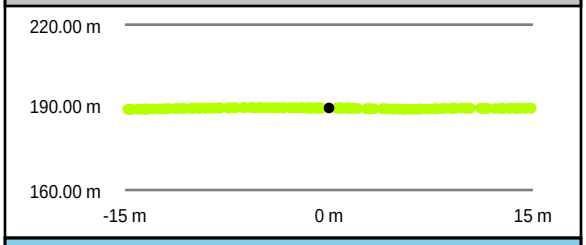
Known Z	189.77 m	Point Density	1.70 ppsm
DEM Dz	-0.05 m	Ground Density	1.70 ppsm
All Points TIN Dz	-0.05 m	Slope	3.10 °

Project Context

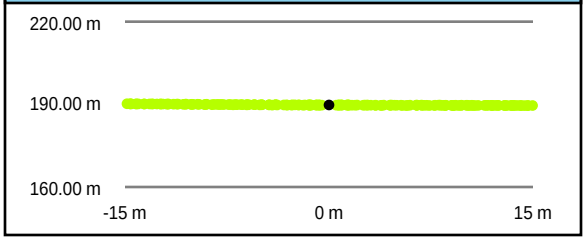


World Imagery

Southwest to Northeast

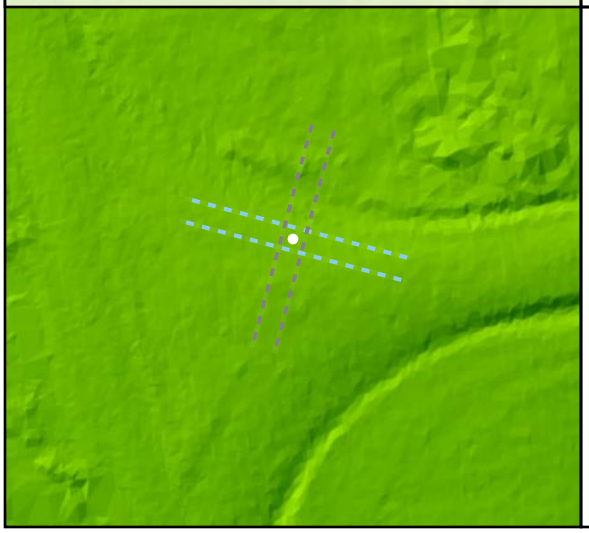


Southeast to Northwest



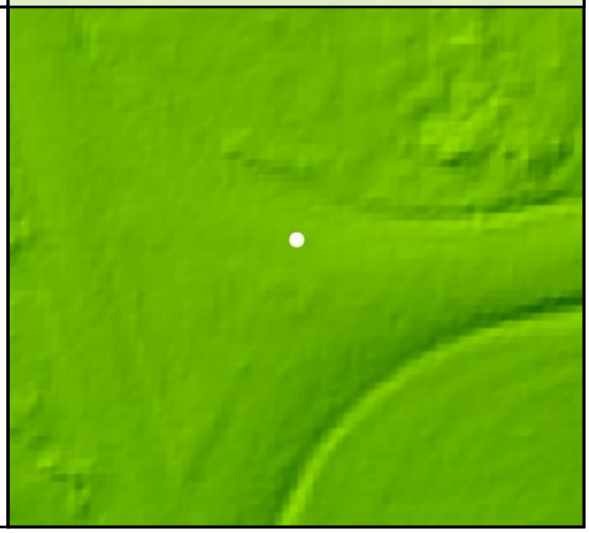
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

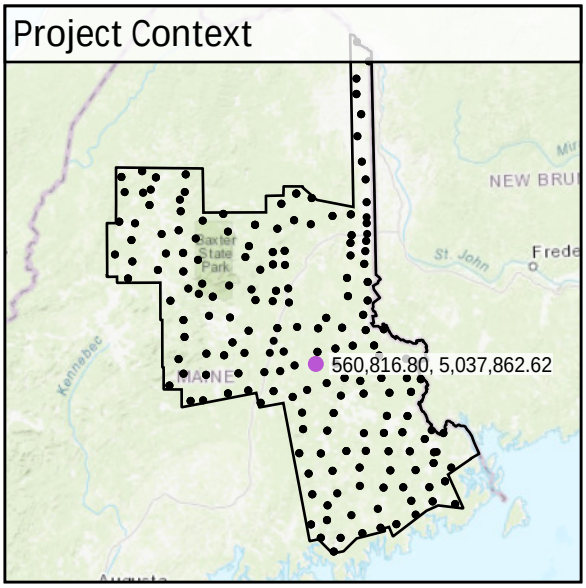
CAL - CA64

All Points TIN Dz -0.05 m

CA65

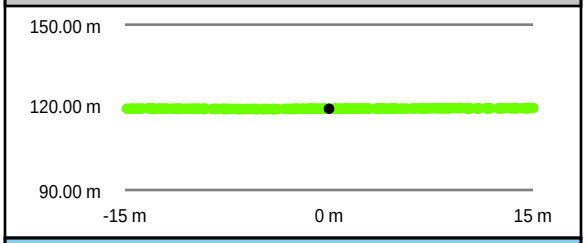
Known Z	119.48 m	Point Density	1.84 ppsm
DEM Dz	0.05 m	Ground Density	1.84 ppsm
All Points TIN Dz	0.05 m	Slope	2.11 °

Project Context

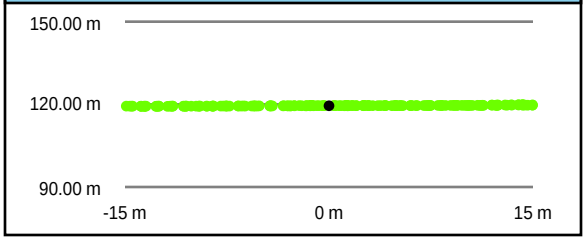


World Imagery

Southwest to Northeast

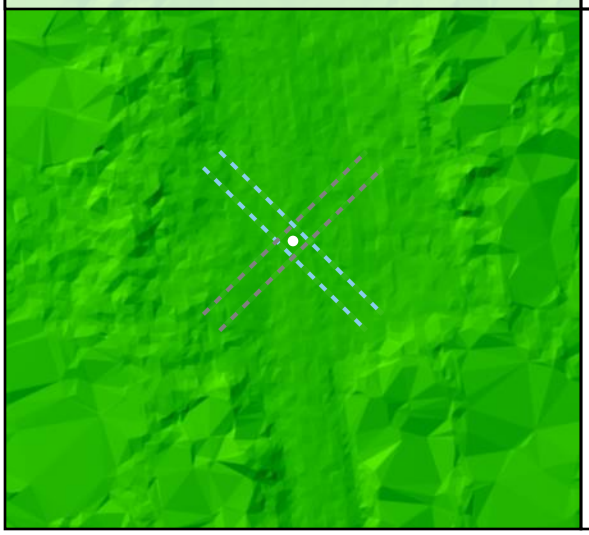


Southeast to Northwest

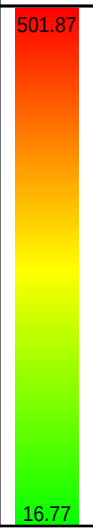


Intensity Raster

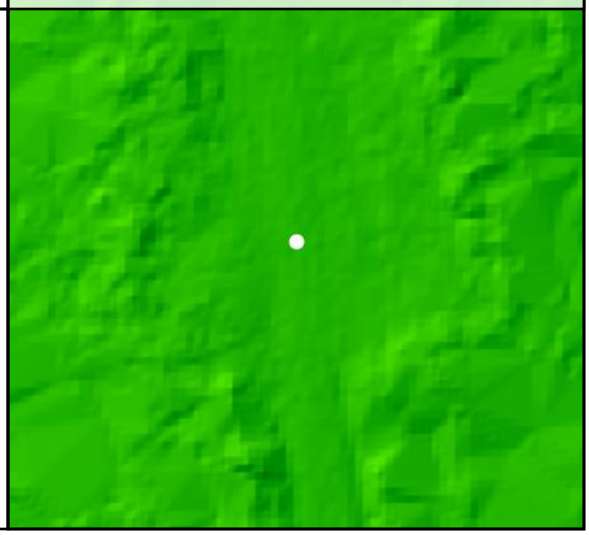
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.05 m

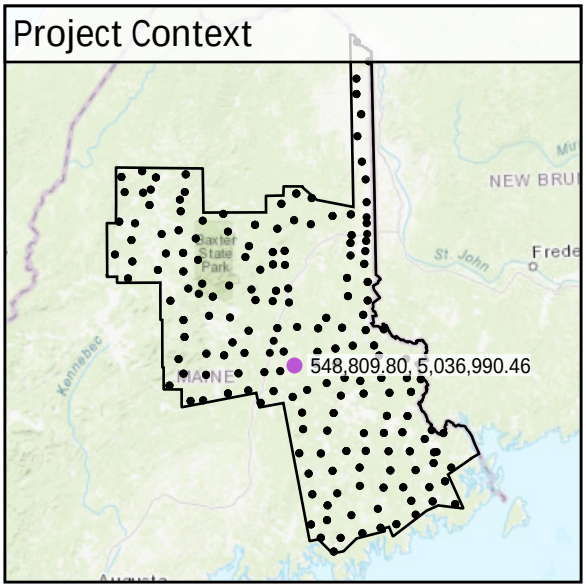
CAL - CA65

All Points TIN Dz +0.05 m

CA66

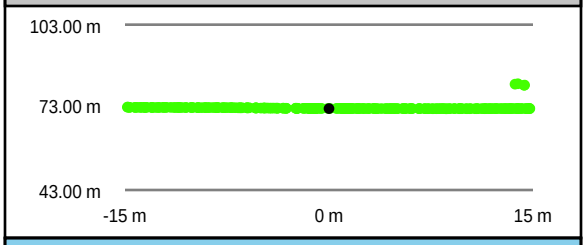
Known Z	72.54 m	Point Density	2.44 ppsm
DEM Dz	0.07 m	Ground Density	2.44 ppsm
All Points TIN Dz	0.07 m	Slope	1.10 °

Project Context

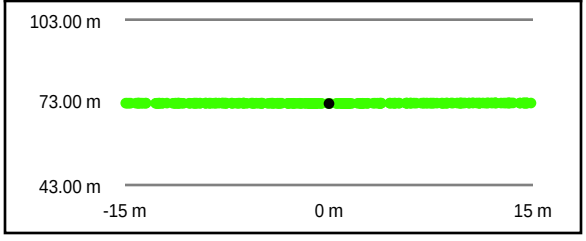


World Imagery

Southeast to Northwest

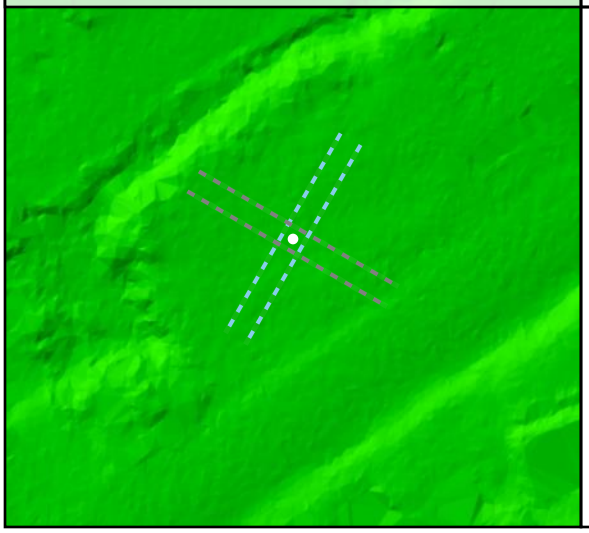


Southwest to Northeast

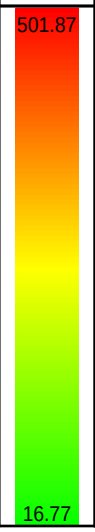


Intensity Raster

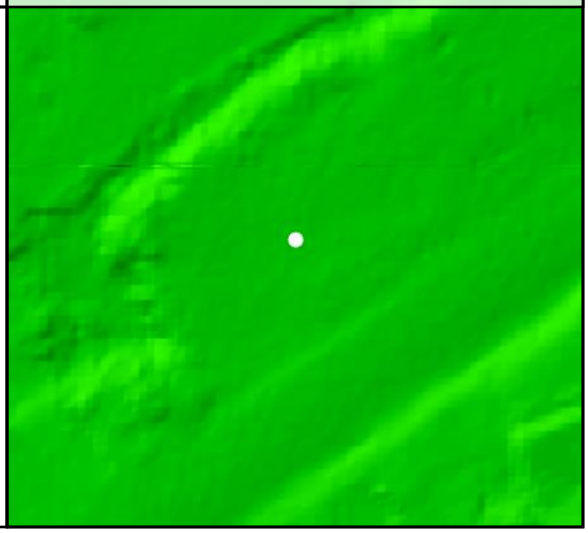
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.07 m

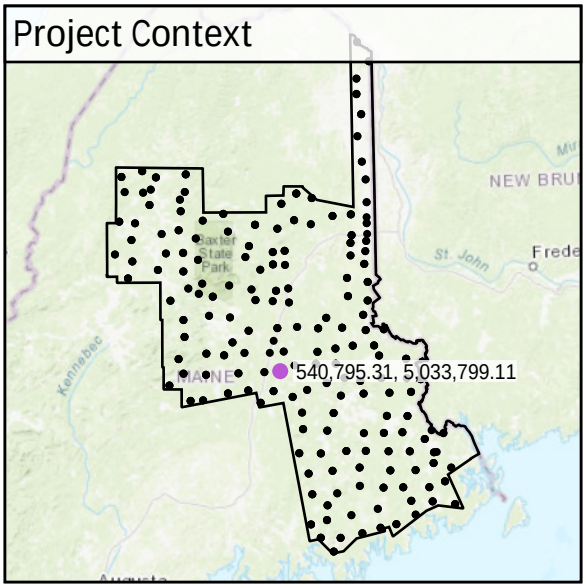
CAL - CA66

All Points TIN Dz +0.07 m

CA67

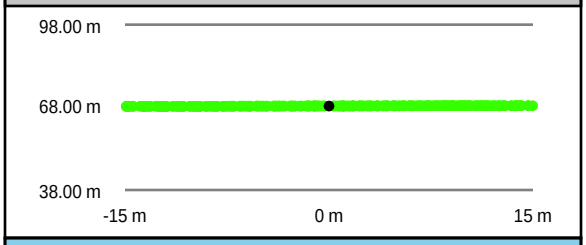
Known Z	68.46 m	Point Density	2.44 ppsm
DEM Dz	0.03 m	Ground Density	2.44 ppsm
All Points TIN Dz	0.03 m	Slope	0.82 °

Project Context

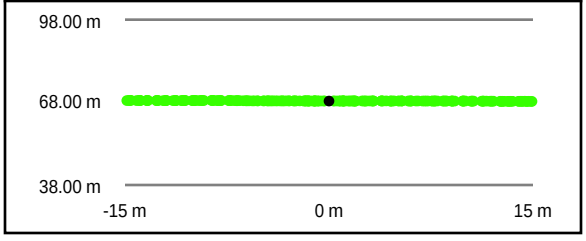


World Imagery

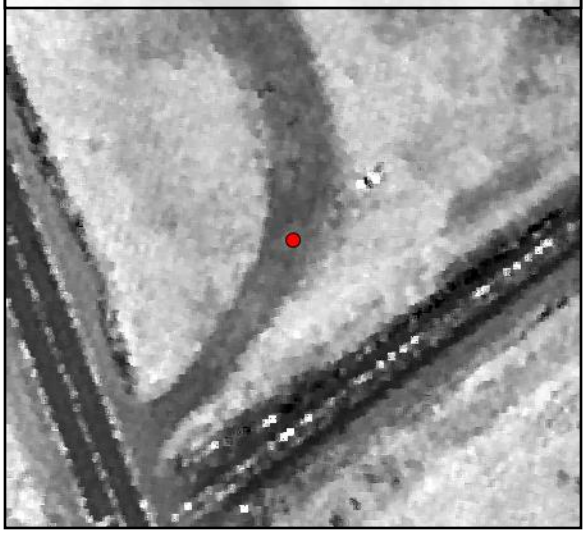
Southwest to Northeast



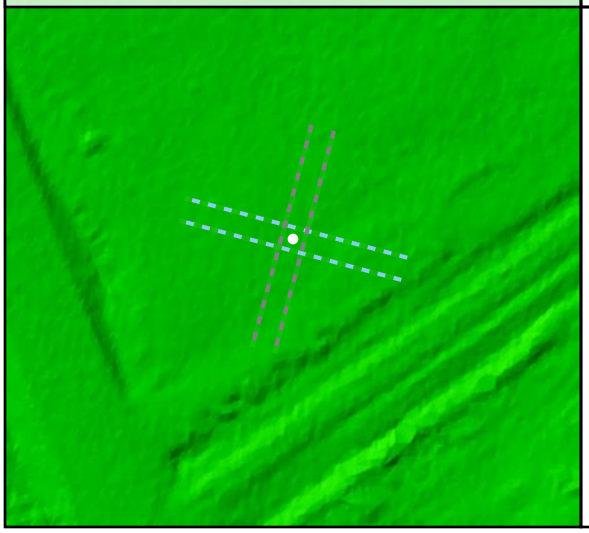
Southeast to Northwest



Intensity Raster

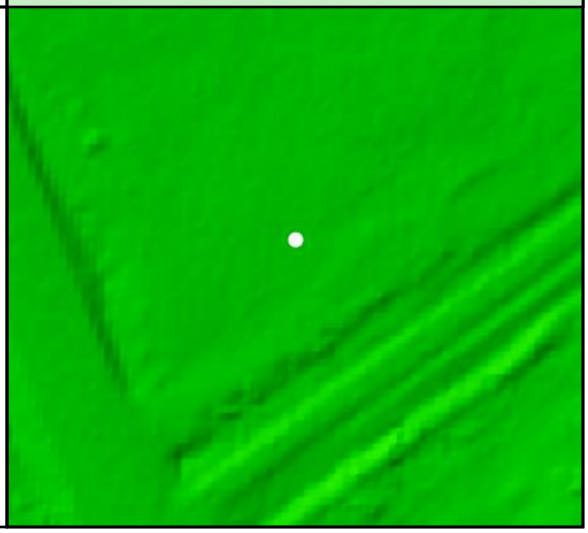


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

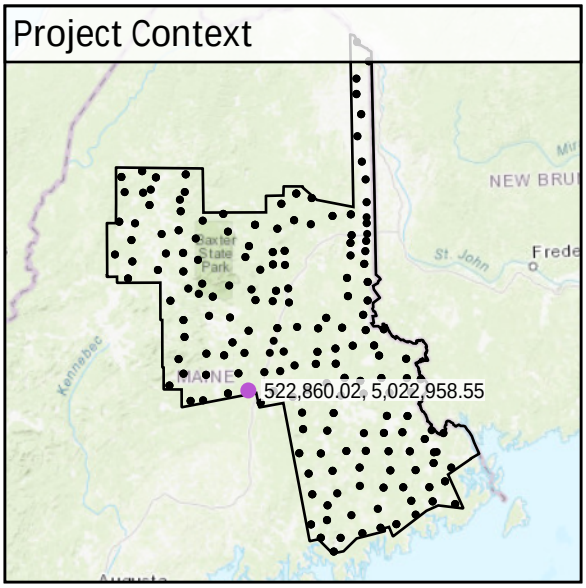
CAL - CA67

All Points TIN Dz +0.03 m

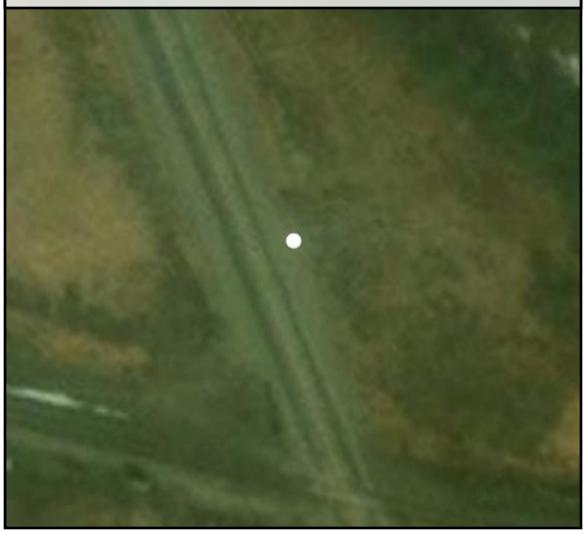
CA68

Known Z	68.75 m	Point Density	2.51 ppsm
DEM Dz	0.03 m	Ground Density	2.51 ppsm
All Points TIN Dz	0.04 m	Slope	1.74 °

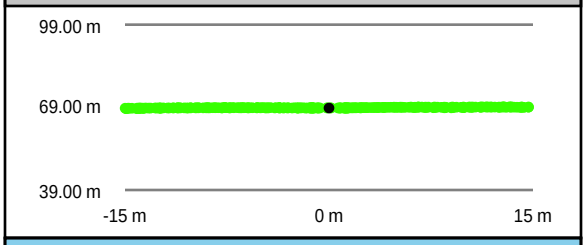
Project Context



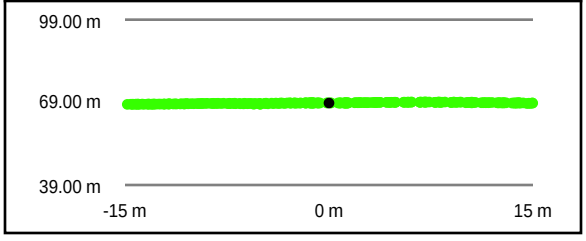
World Imagery



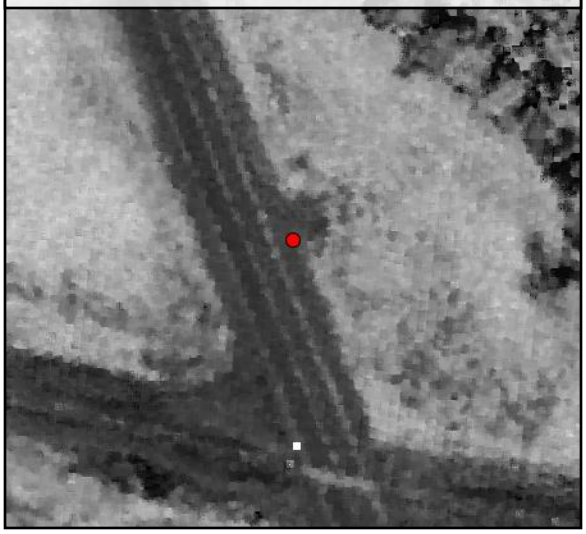
Southwest to Northeast



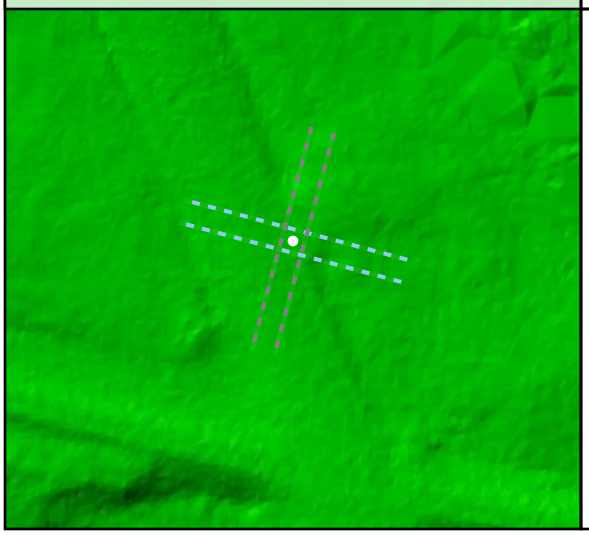
Southeast to Northwest



Intensity Raster

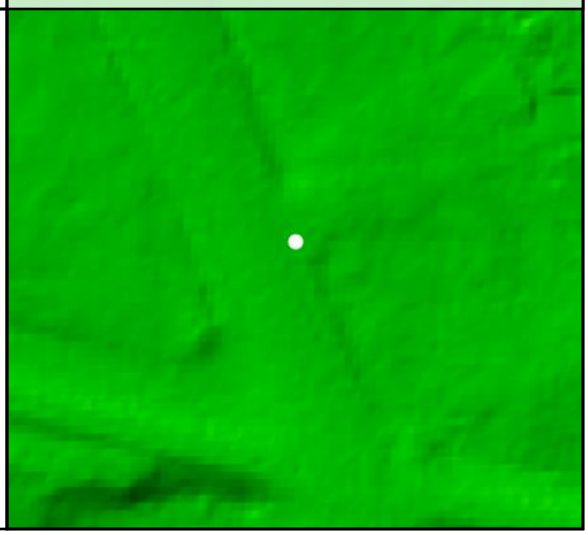


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

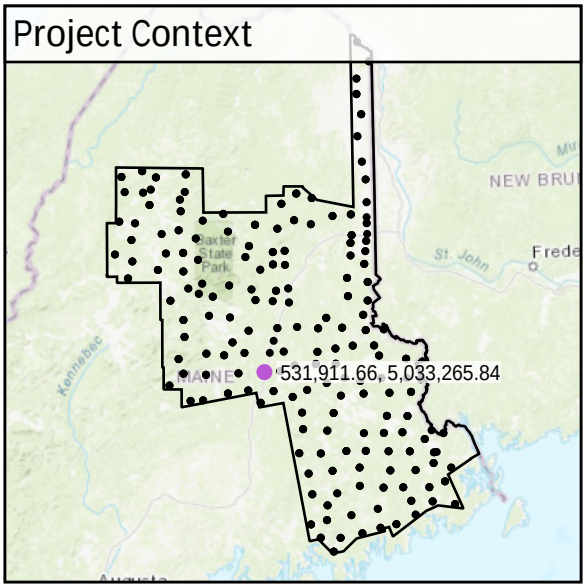
CAL - CA68

All Points TIN Dz +0.04 m

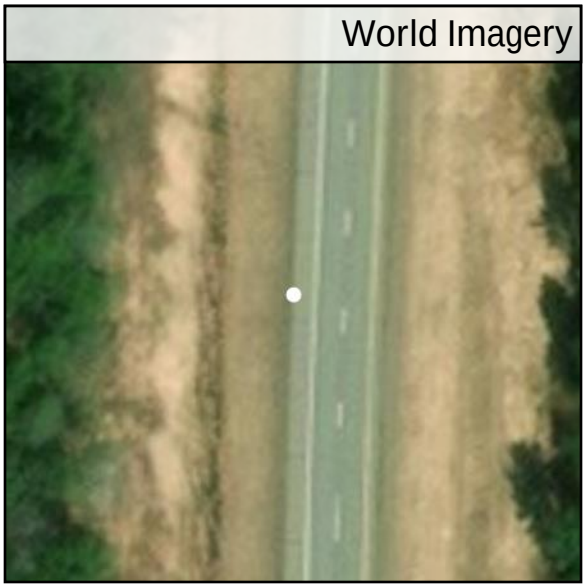
CA69

Known Z	99.68 m	Point Density	2.44 ppsm
DEM Dz	0.10 m	Ground Density	2.41 ppsm
All Points TIN Dz	0.10 m	Slope	4.00 °

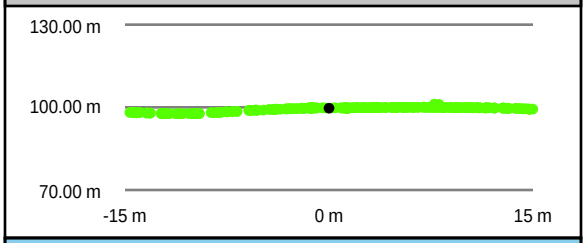
Project Context



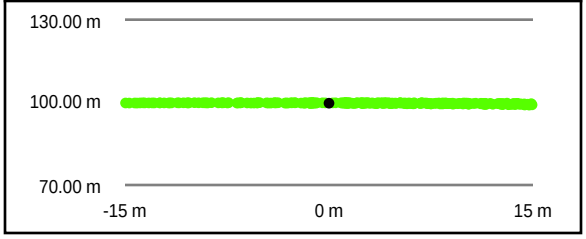
World Imagery



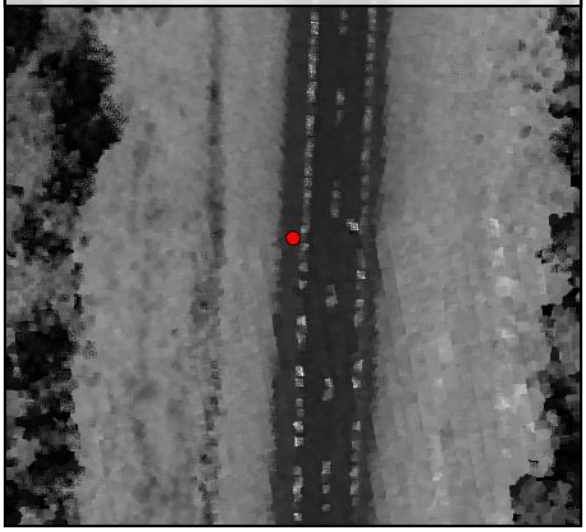
Southwest to Northeast



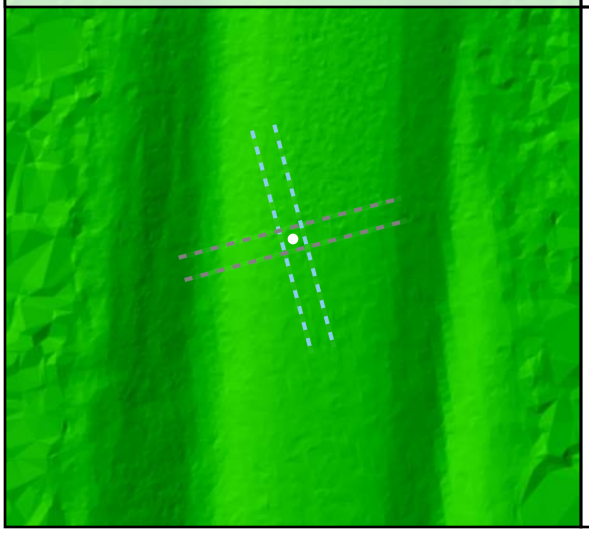
Southeast to Northwest



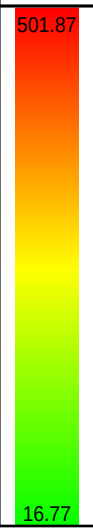
Intensity Raster



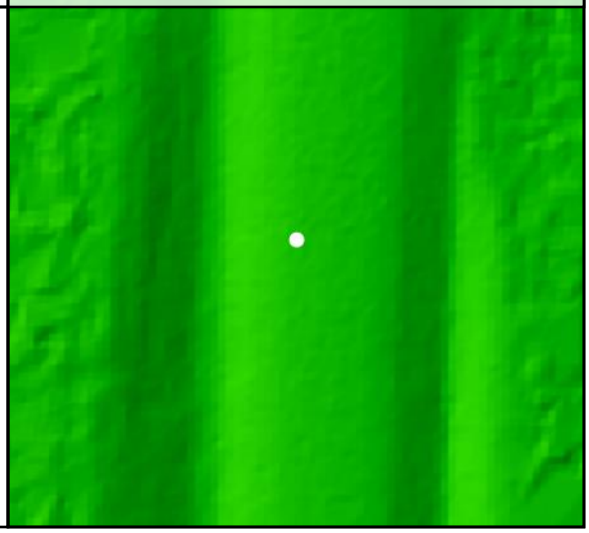
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.10 m

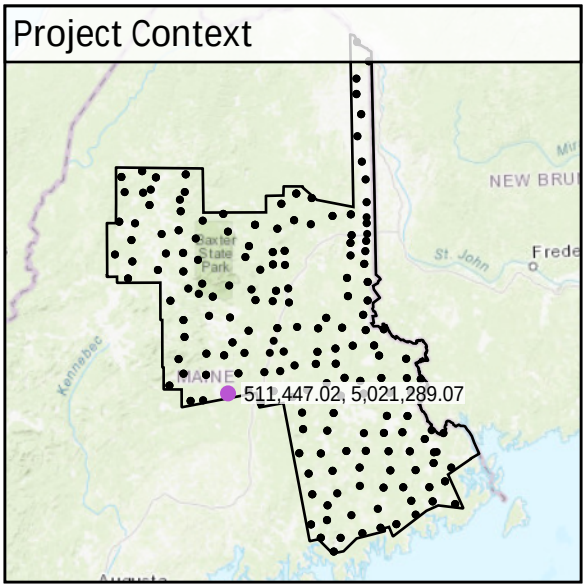
CAL - CA69

All Points TIN Dz +0.10 m

CA70

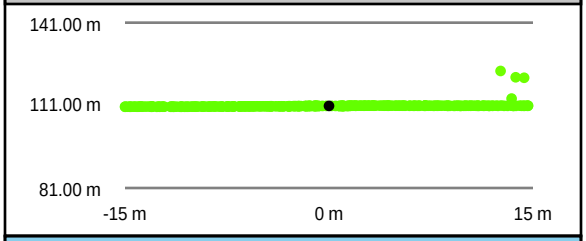
Known Z	110.79 m	Point Density	2.83 ppsm
DEM Dz	-0.02 m	Ground Density	2.83 ppsm
All Points TIN Dz	0.00 m	Slope	2.61 °

Project Context

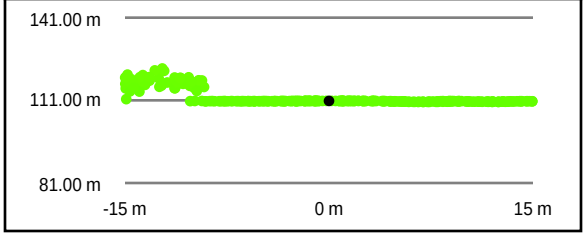


World Imagery

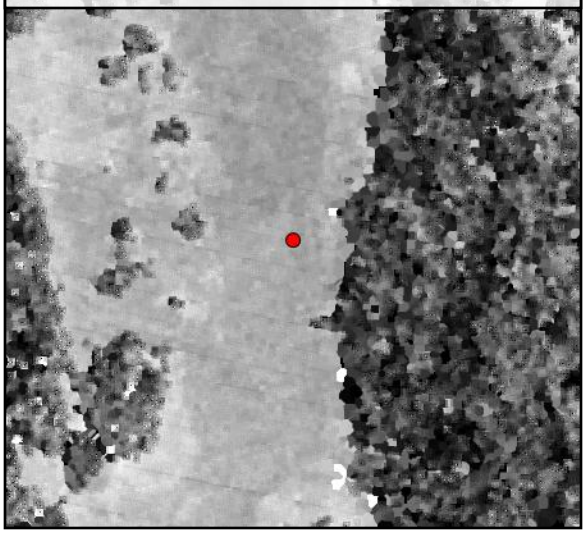
Southwest to Northeast



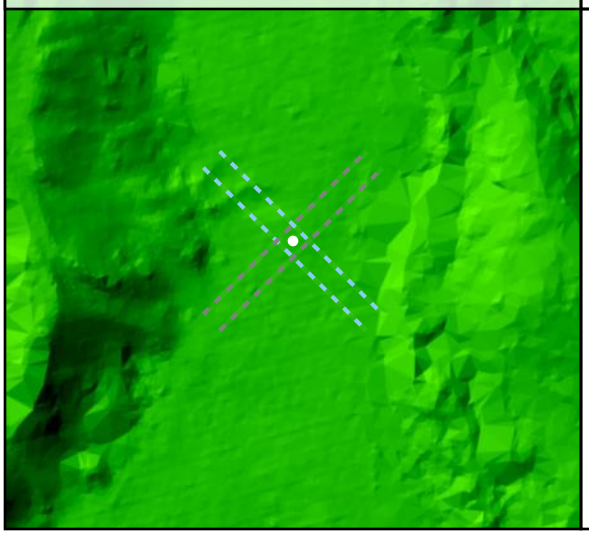
Southeast to Northwest



Intensity Raster

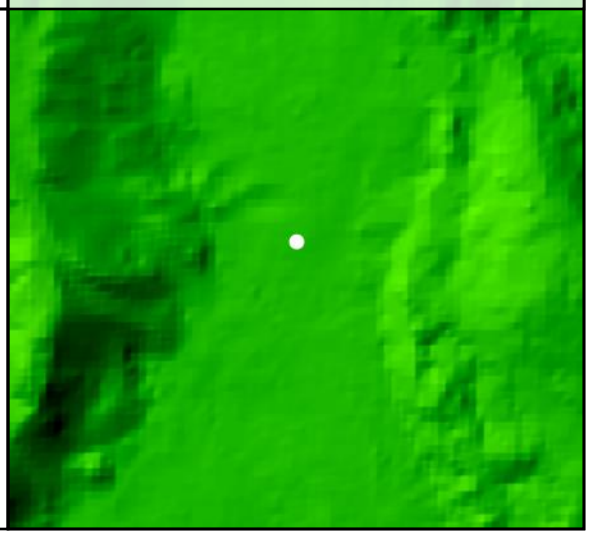


TIN Surface



Project Elevation

DEM Surface



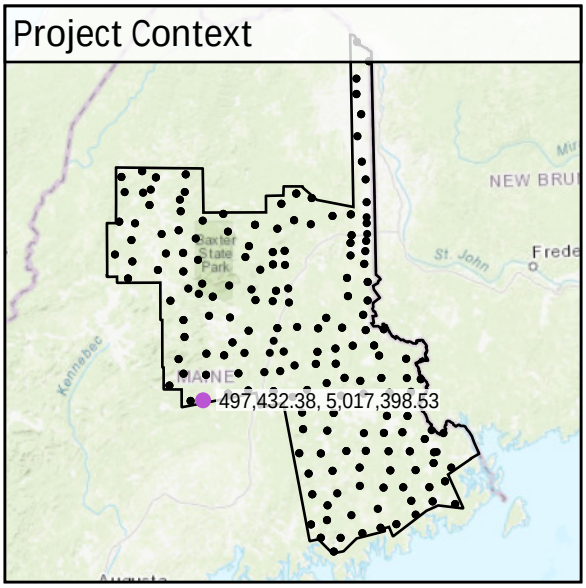
DEM Dz -0.02 m

CAL - CA70

All Points TIN Dz 0.00 m

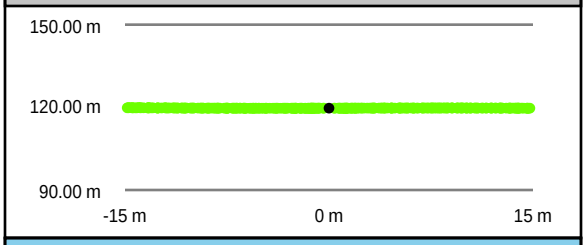
CA71				
	Known Z	119.70 m	Point Density	3.01 ppsm
	DEM Dz	-0.01 m	Ground Density	3.01 ppsm
	All Points TIN Dz	-0.01 m	Slope	0.70 °

Project Context



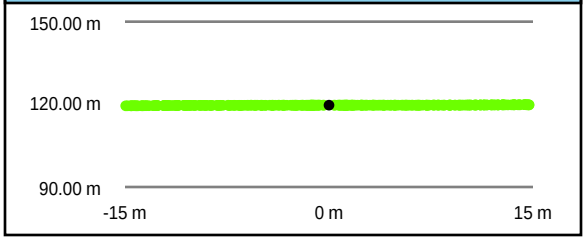
World Imagery

Southeast to Northwest

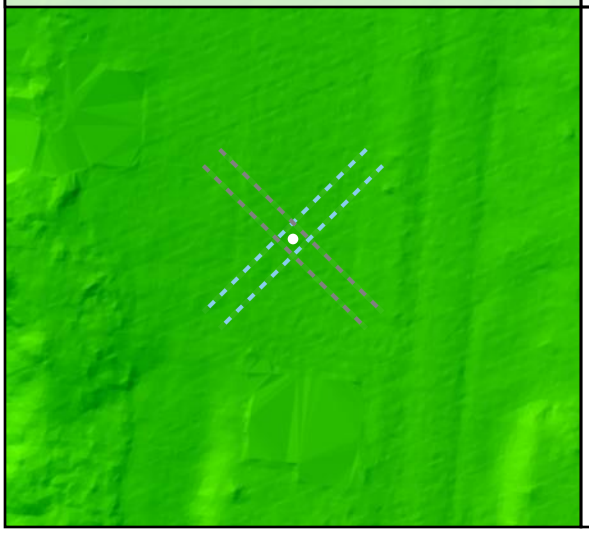


Intensity Raster

Southwest to Northeast

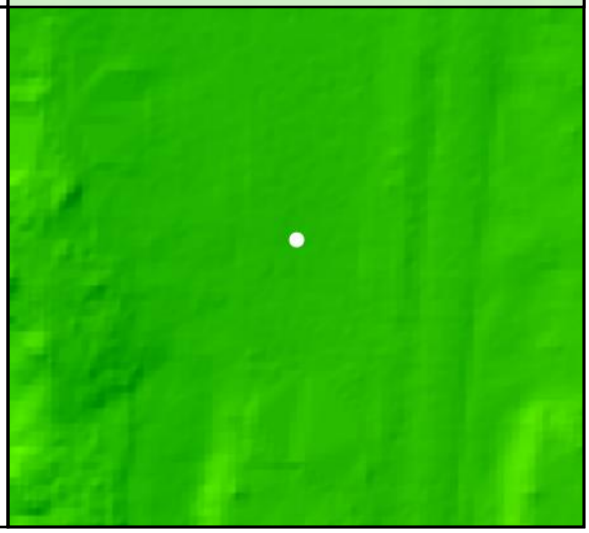


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

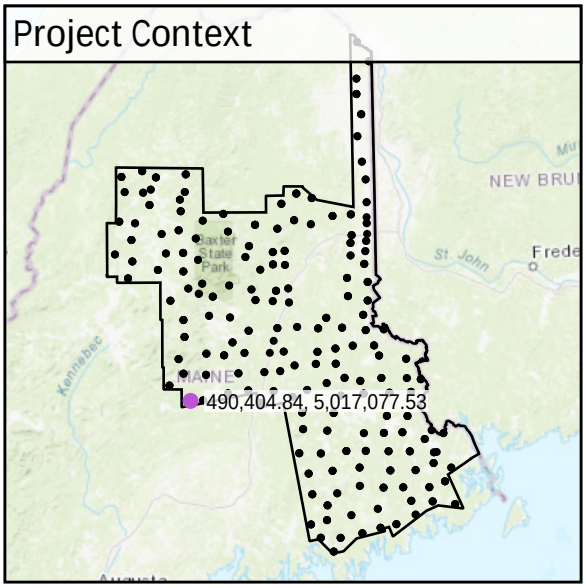
CAL - CA71

All Points TIN Dz -0.01 m

CA72

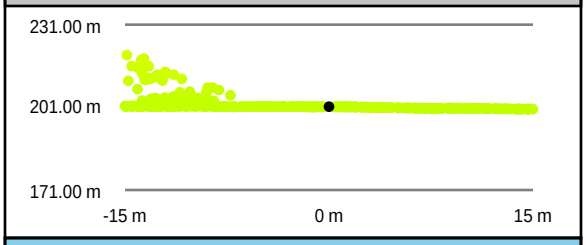
Known Z	201.23 m	Point Density	3.15 ppsm
DEM Dz	-0.05 m	Ground Density	3.15 ppsm
All Points TIN Dz	-0.05 m	Slope	2.75 °

Project Context

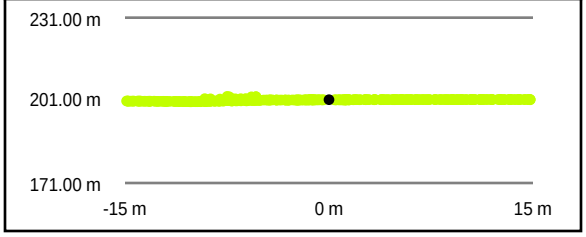


World Imagery

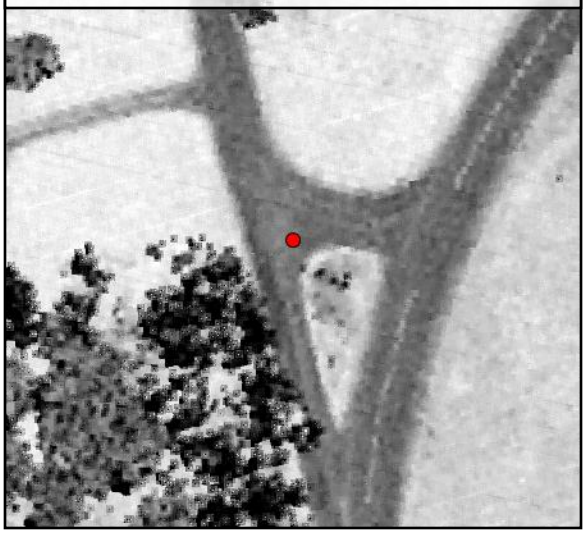
Southwest to Northeast



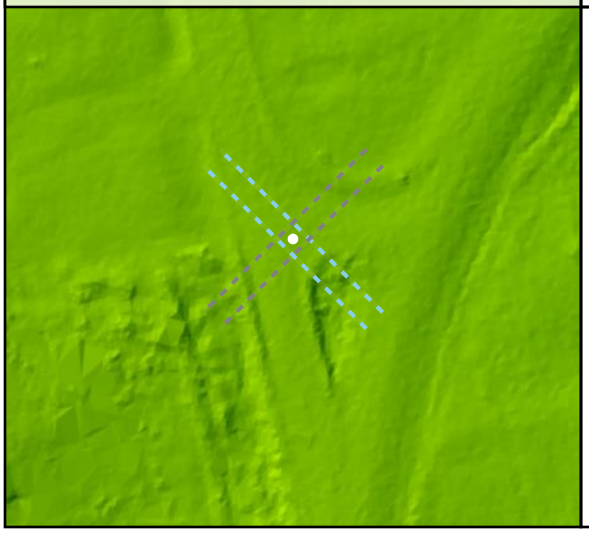
Southeast to Northwest



Intensity Raster

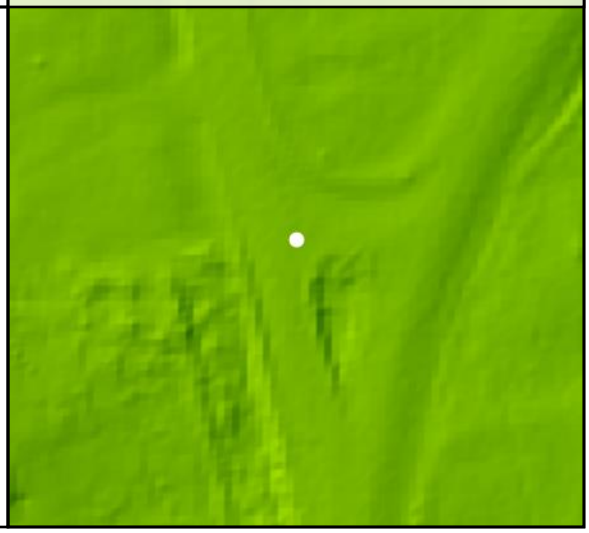


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

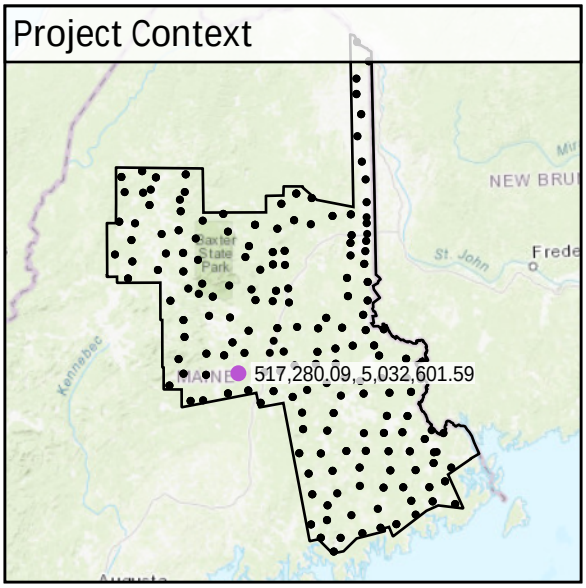
CAL - CA72

All Points TIN Dz -0.05 m

CA73

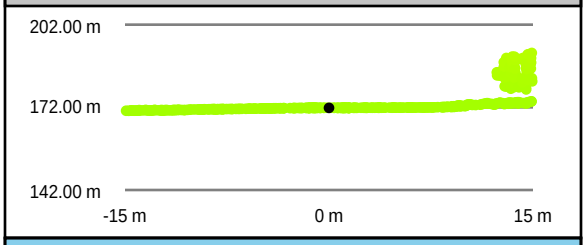
Known Z	171.80 m	Point Density	3.04 ppsm
DEM Dz	0.02 m	Ground Density	3.04 ppsm
All Points TIN Dz	0.04 m	Slope	1.53 °

Project Context

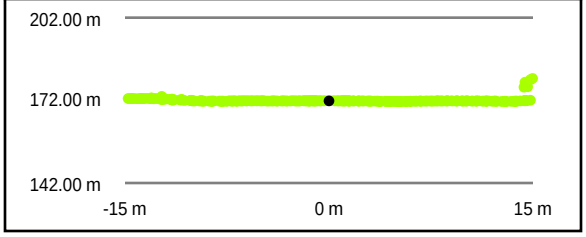


World Imagery

South to North

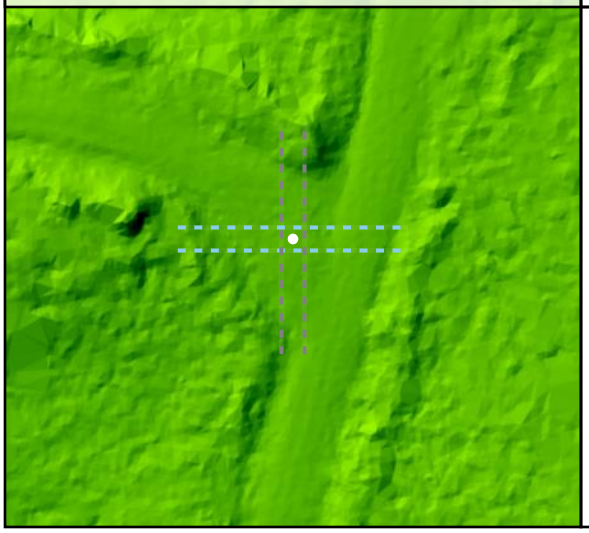


West to East



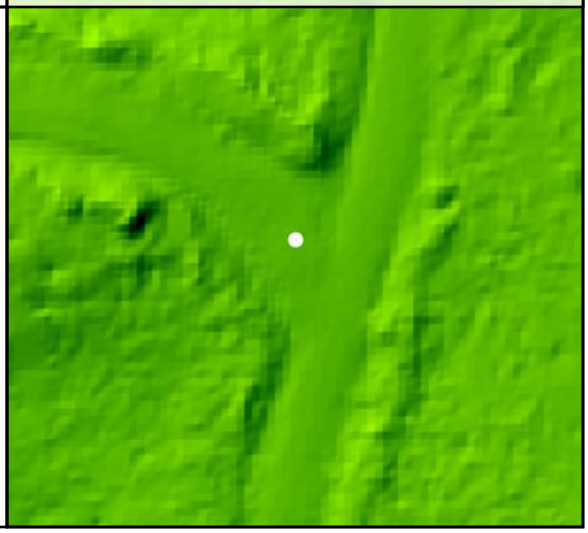
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

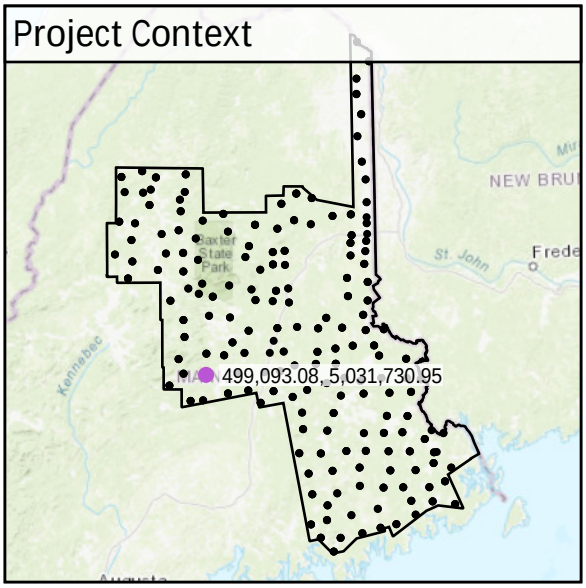
CAL - CA73

All Points TIN Dz +0.04 m

CA74

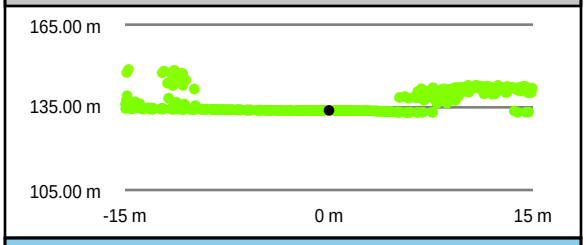
Known Z	133.89 m	Point Density	2.97 ppsm
DEM Dz	-0.02 m	Ground Density	2.97 ppsm
All Points TIN Dz	-0.03 m	Slope	0.75 °

Project Context

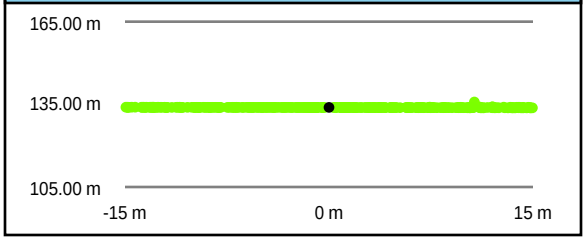


World Imagery

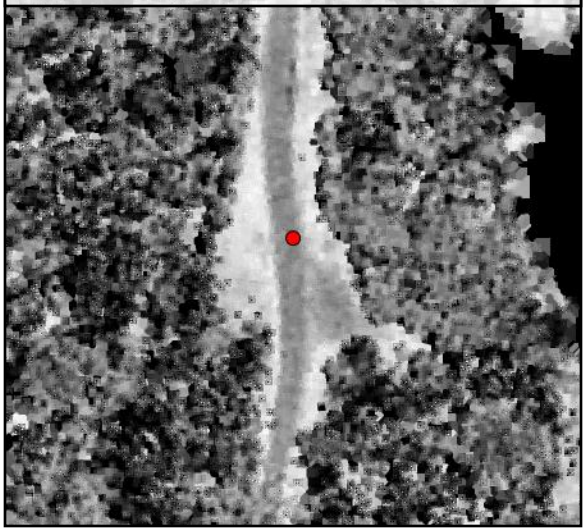
West to East



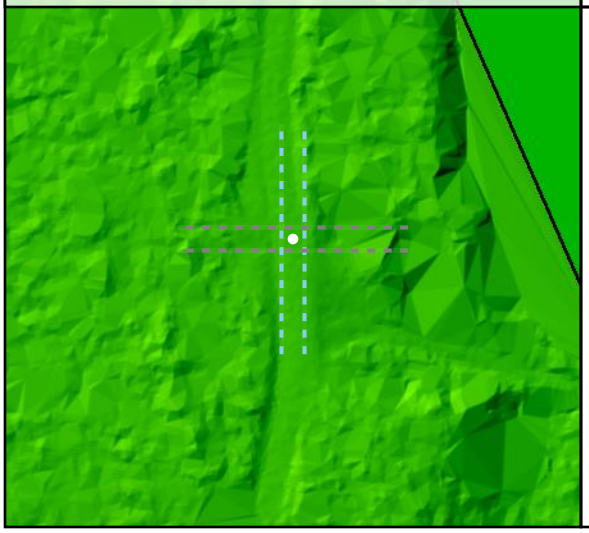
South to North



Intensity Raster

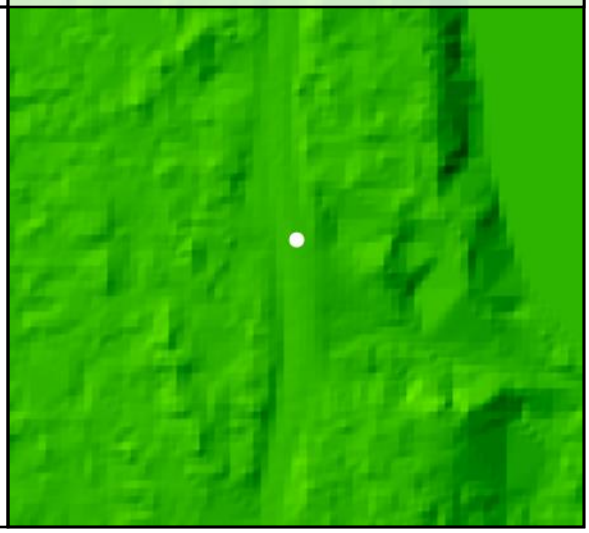


TIN Surface



Project Elevation

DEM Surface



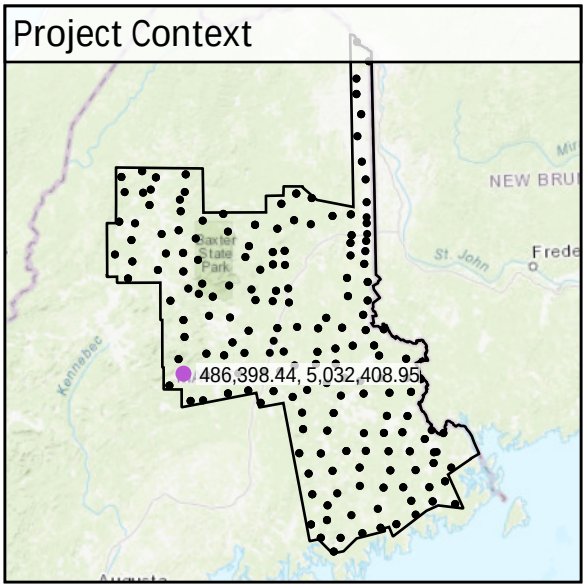
DEM Dz -0.02 m

CAL - CA74

All Points TIN Dz -0.03 m

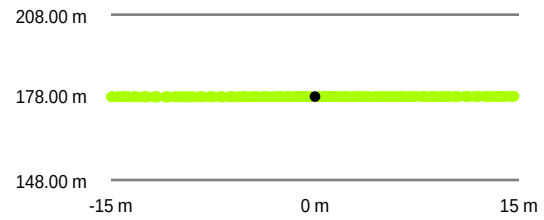
CA75				
	Known Z	178.27 m	Point Density	2.76 ppsm
	DEM Dz	-0.02 m	Ground Density	2.76 ppsm
	All Points TIN Dz	-0.03 m	Slope	1.26 °

Project Context

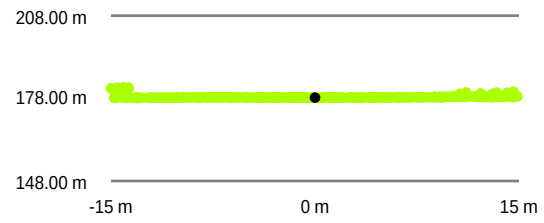


World Imagery

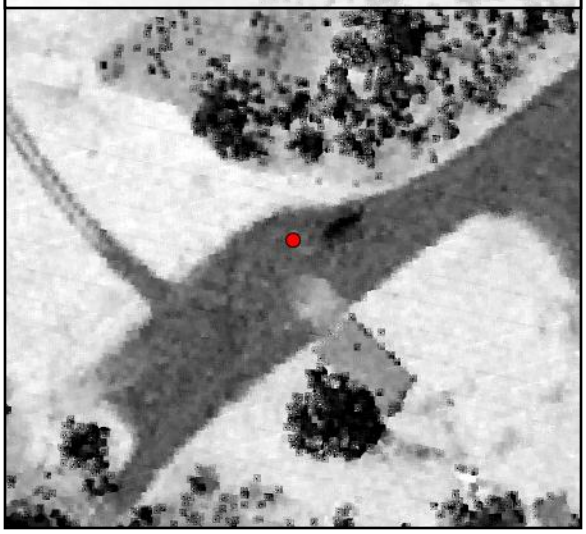
Southwest to Northeast



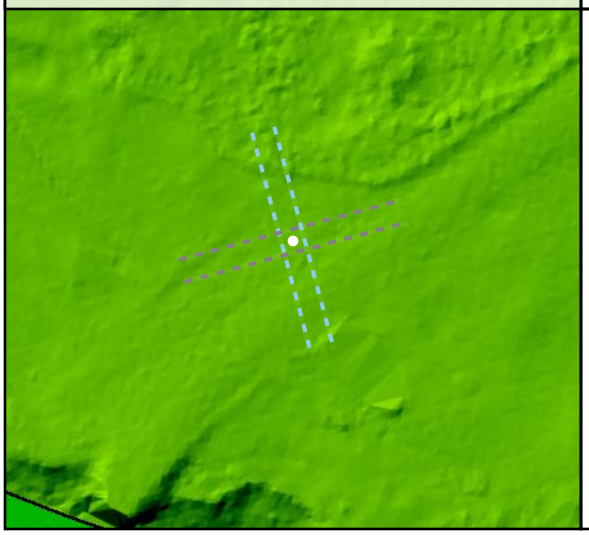
Southeast to Northwest



Intensity Raster

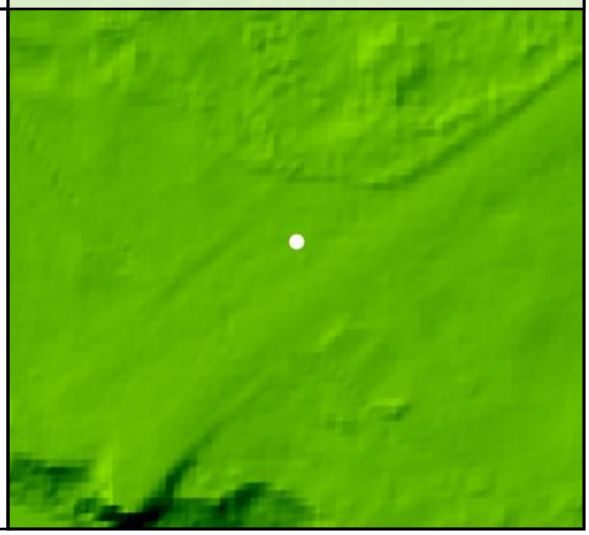


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

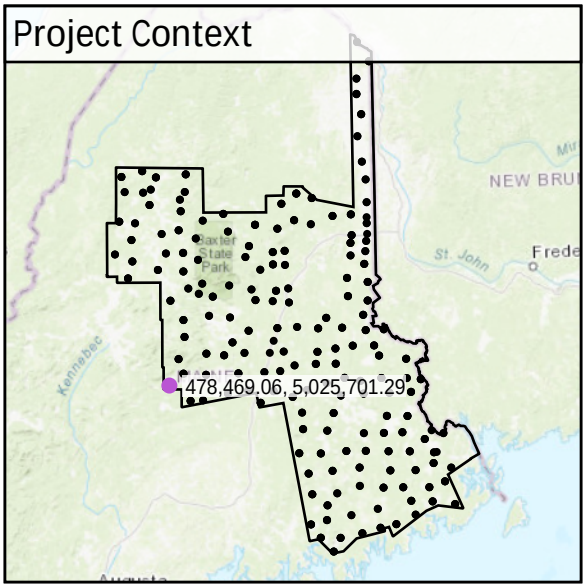
CAL - CA75

All Points TIN Dz -0.03 m

CA76

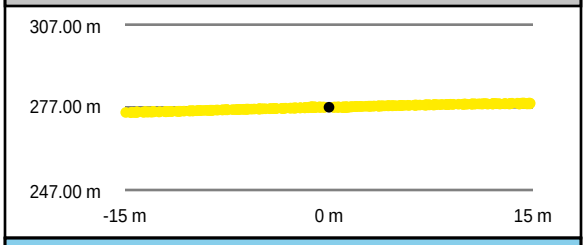
Known Z	277.03 m	Point Density	2.72 ppsm
DEM Dz	0.02 m	Ground Density	2.72 ppsm
All Points TIN Dz	0.02 m	Slope	7.68 °

Project Context

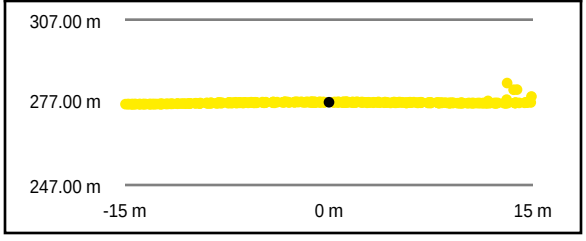


World Imagery

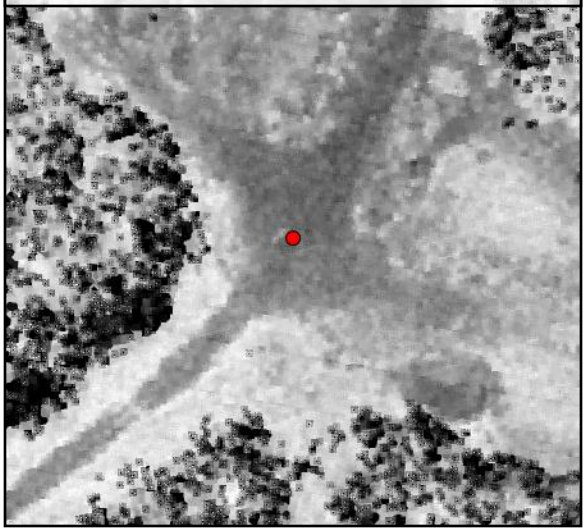
Southwest to Northeast



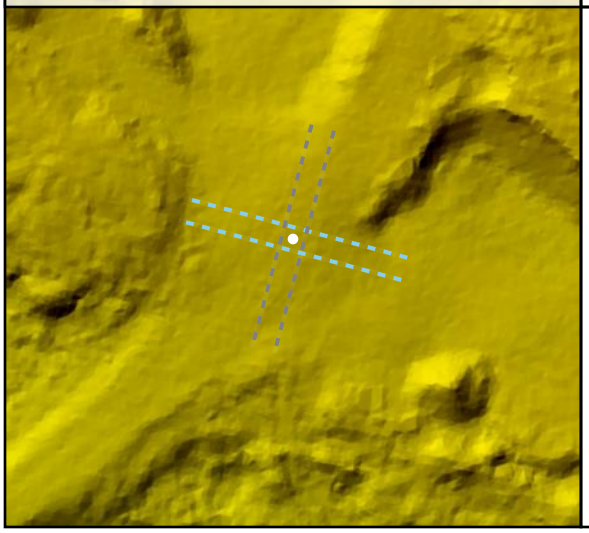
Southeast to Northwest



Intensity Raster

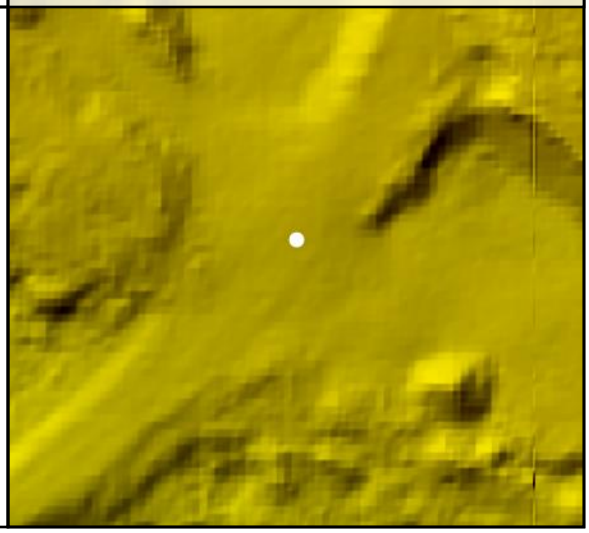


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

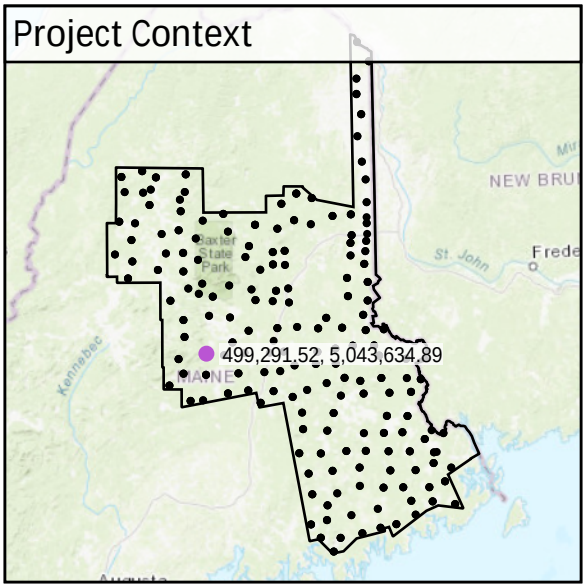
CAL - CA76

All Points TIN Dz +0.02 m

CA77

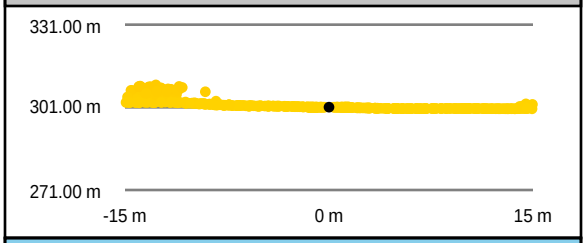
Known Z	301.06 m	Point Density	3.25 ppsm
DEM Dz	-0.02 m	Ground Density	3.25 ppsm
All Points TIN Dz	-0.02 m	Slope	5.65 °

Project Context



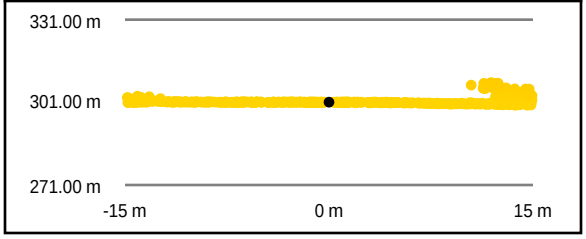
World Imagery

Southeast to Northwest

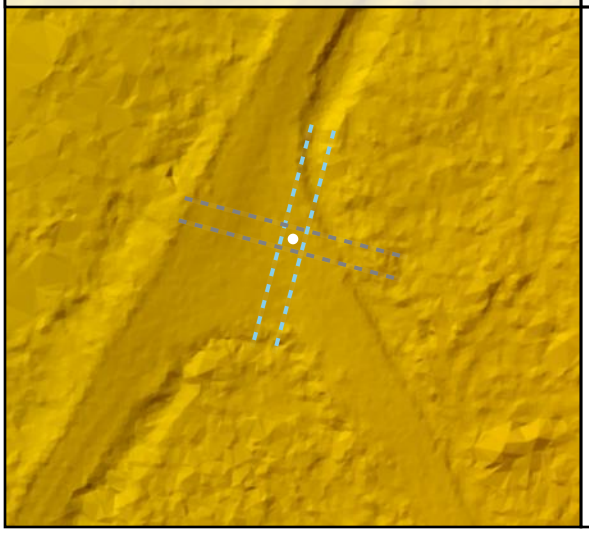


Intensity Raster

Southwest to Northeast



TIN Surface

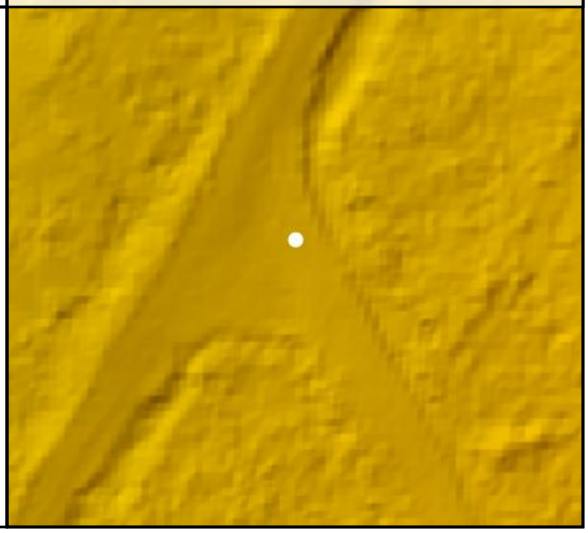


Project Elevation

501.87

16.77

DEM Surface



DEM Dz -0.02 m

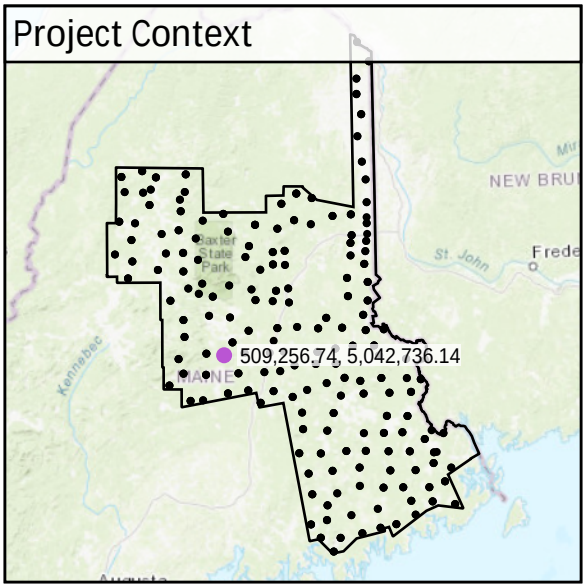
CAL - CA77

All Points TIN Dz -0.02 m

CA78

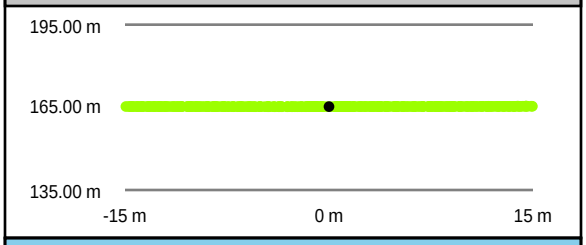
Known Z	165.26 m	Point Density	3.01 ppsm
DEM Dz	0.00 m	Ground Density	3.01 ppsm
All Points TIN Dz	0.00 m	Slope	0.88 °

Project Context

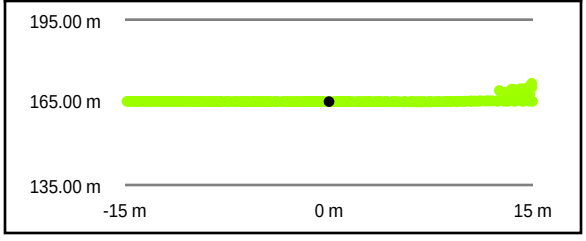


World Imagery

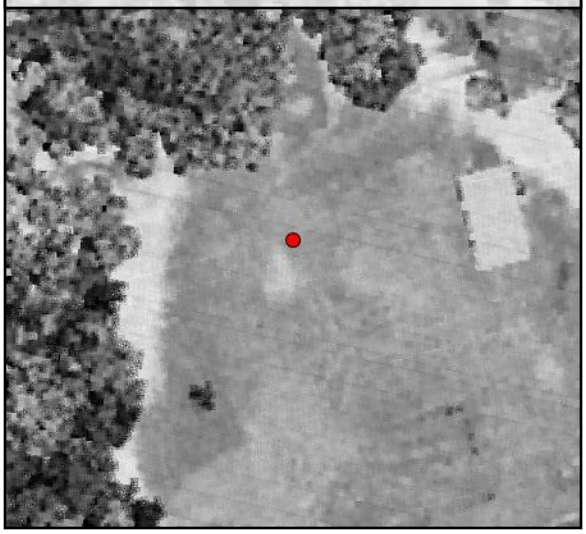
Southwest to Northeast



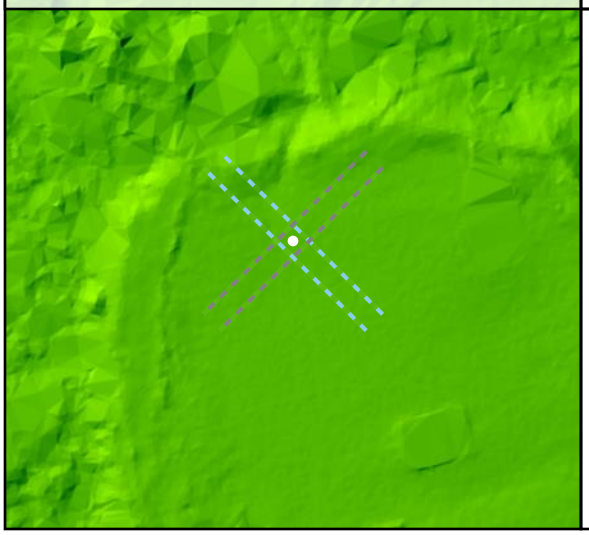
Southeast to Northwest



Intensity Raster

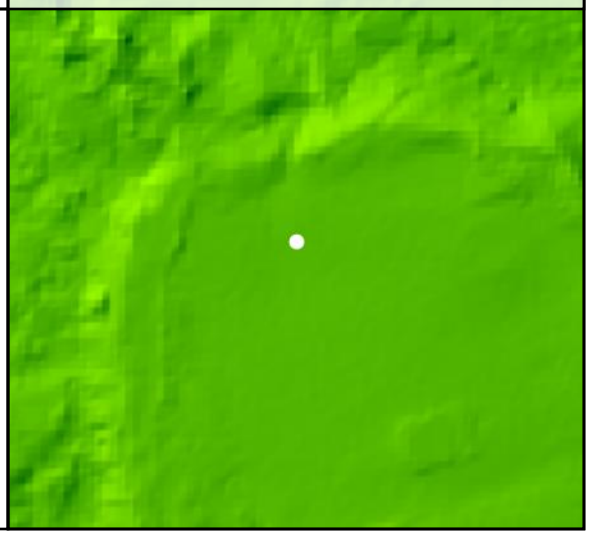


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

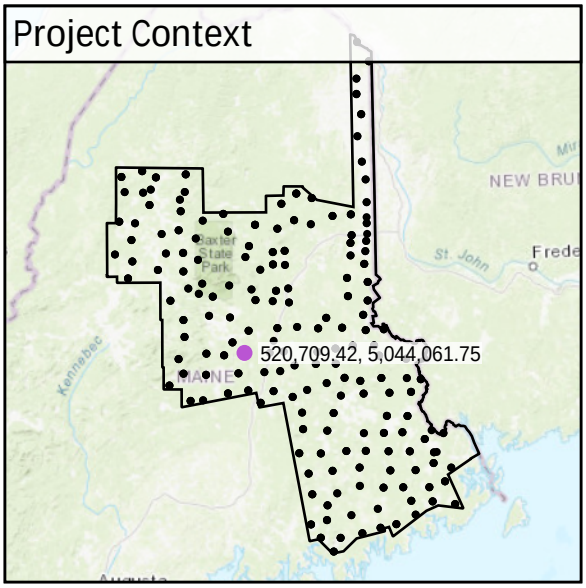
CAL - CA78

All Points TIN Dz 0.00 m

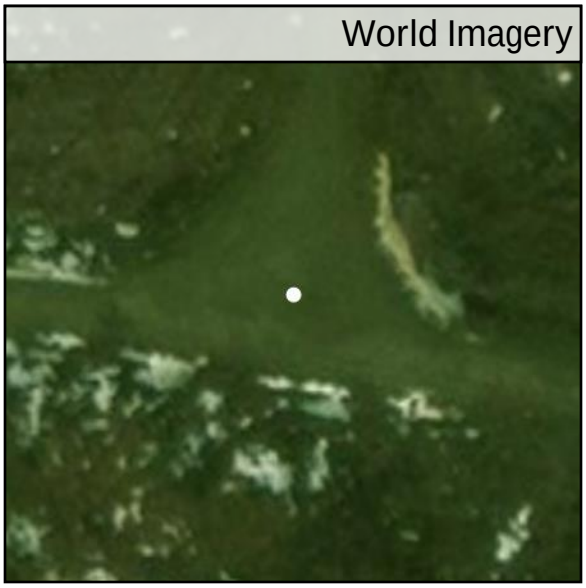
CA79

Known Z	196.85 m	Point Density	1.98 ppsm
DEM Dz	-0.09 m	Ground Density	1.98 ppsm
All Points TIN Dz	-0.09 m	Slope	0.98 °

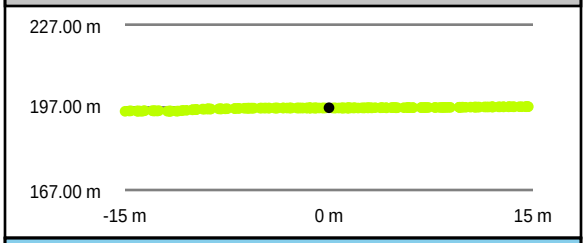
Project Context



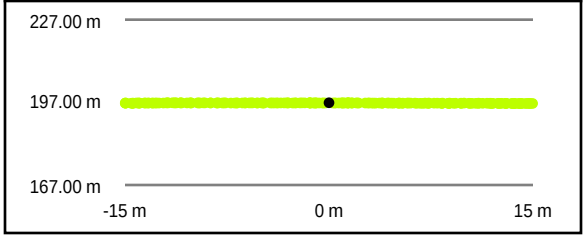
World Imagery



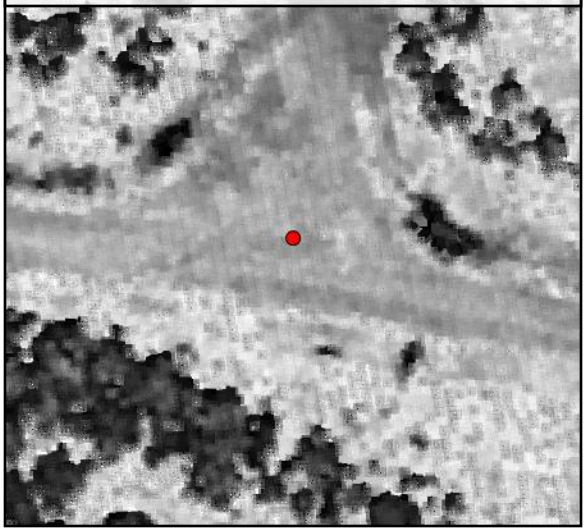
Southwest to Northeast



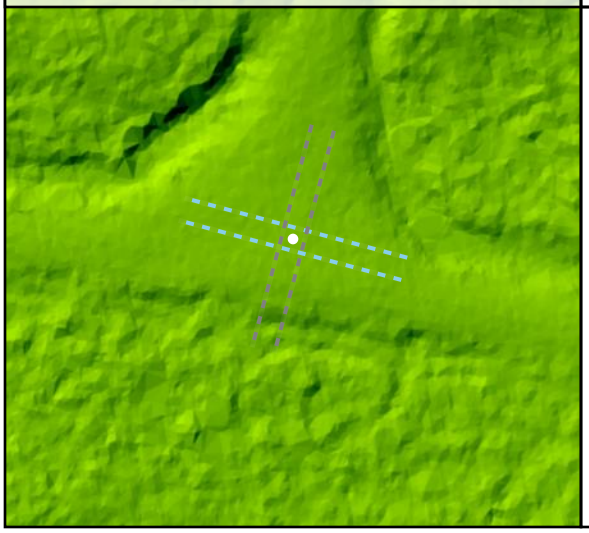
Southeast to Northwest



Intensity Raster

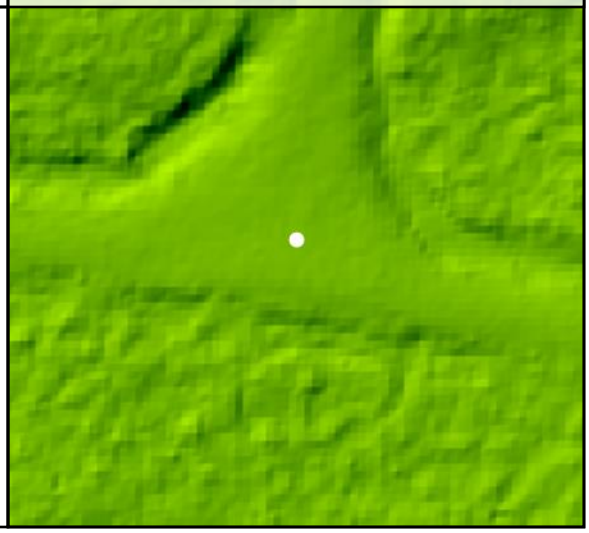


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.09 m

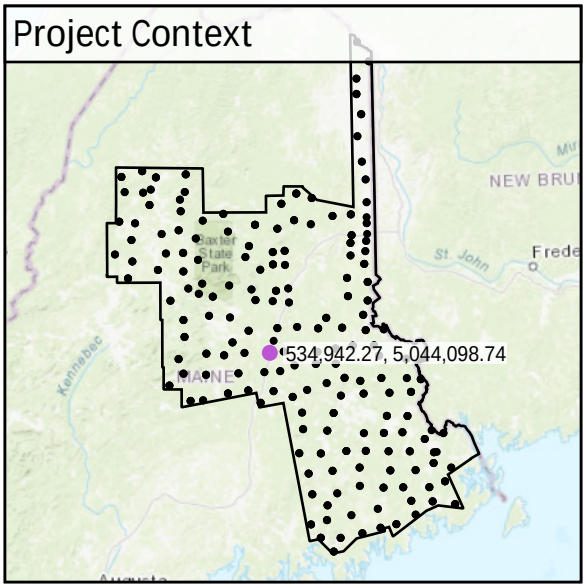
CAL - CA79

All Points TIN Dz -0.09 m

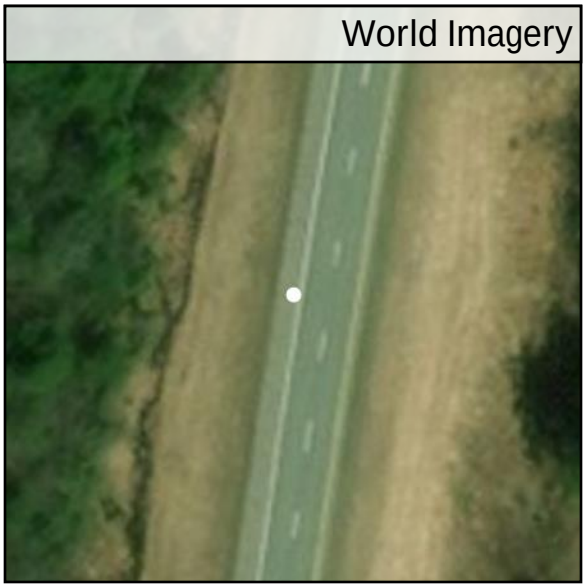
CA80

Known Z	109.02 m	Point Density	3.01 ppsm
DEM Dz	-0.01 m	Ground Density	3.01 ppsm
All Points TIN Dz	-0.01 m	Slope	3.30 °

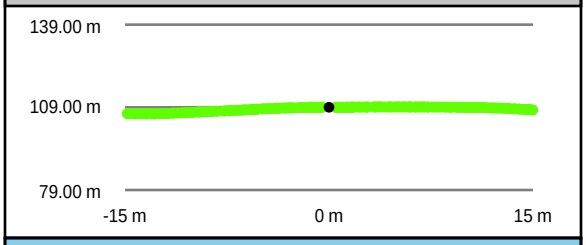
Project Context



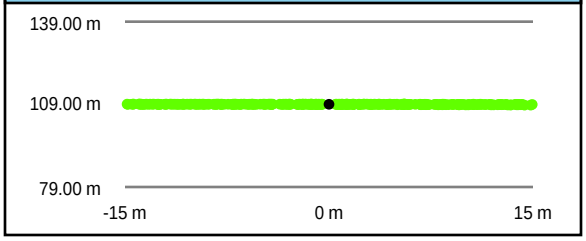
World Imagery



West to East

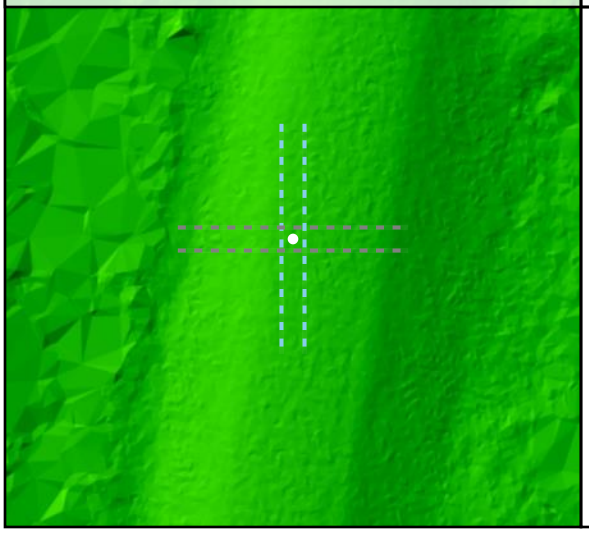


South to North



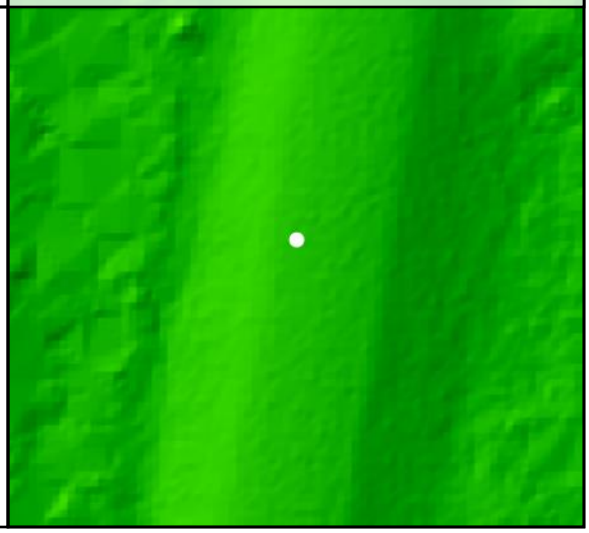
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

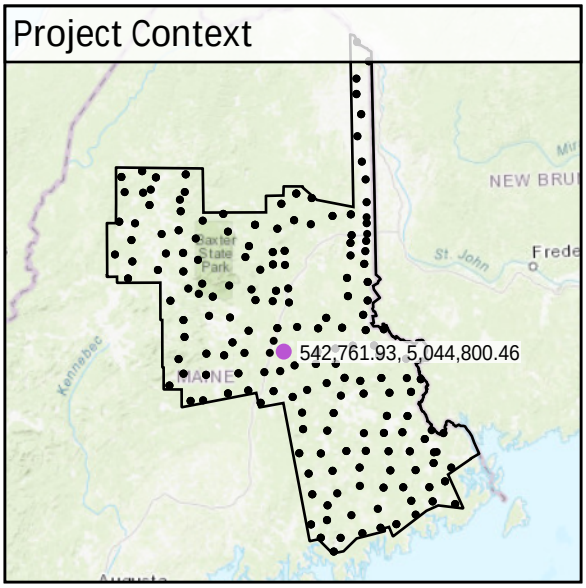
CAL - CA80

All Points TIN Dz -0.01 m

CA81

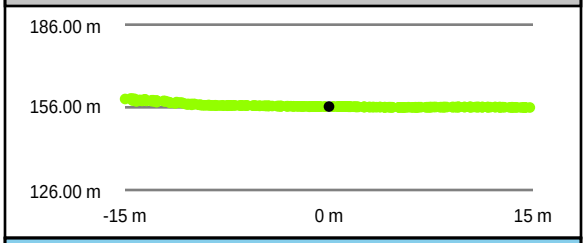
Known Z	156.28 m	Point Density	2.65 ppsm
DEM Dz	0.01 m	Ground Density	2.65 ppsm
All Points TIN Dz	0.00 m	Slope	2.38 °

Project Context

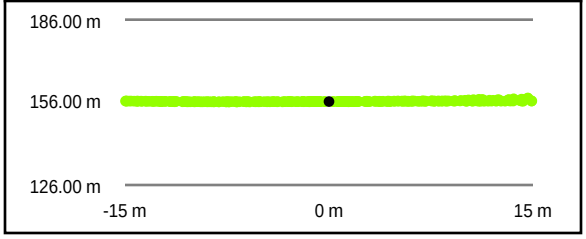


World Imagery

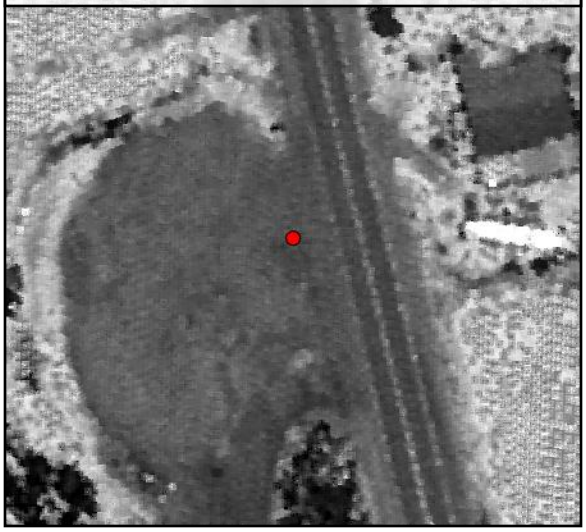
Southwest to Northeast



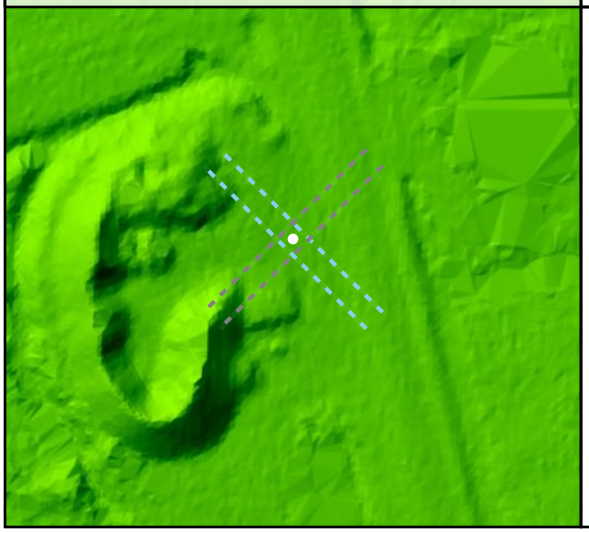
Southeast to Northwest



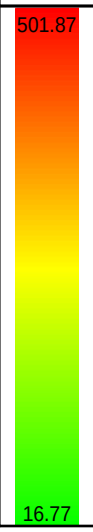
Intensity Raster



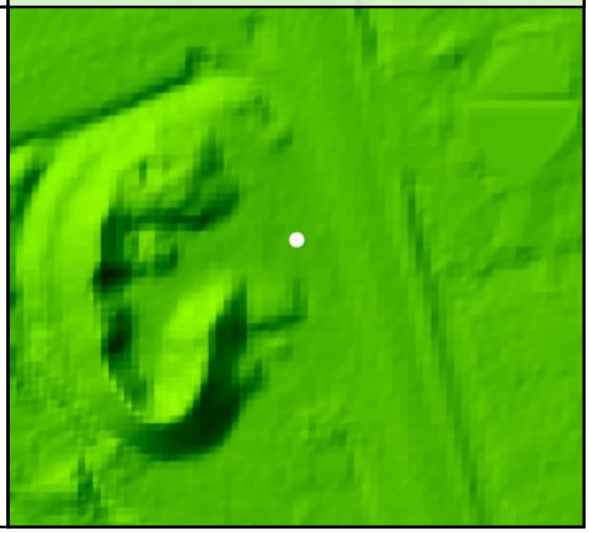
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

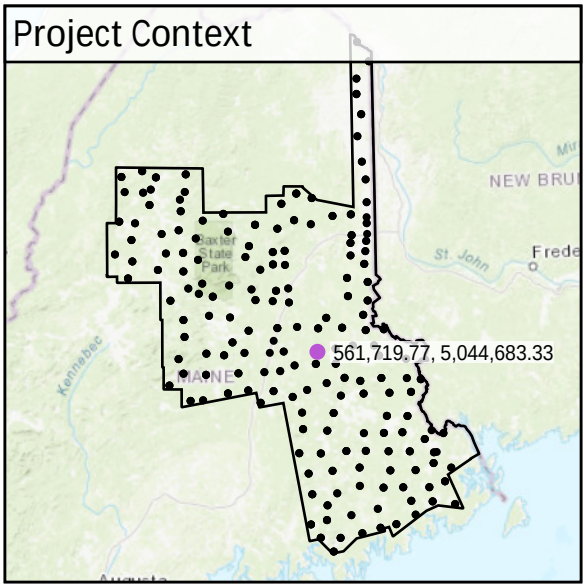
CAL - CA81

All Points TIN Dz +0.00 m

CA82

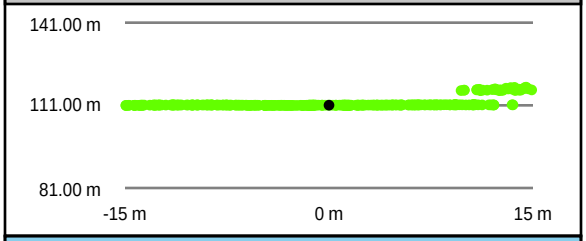
Known Z	111.05 m	Point Density	2.90 ppsm
DEM Dz	-0.01 m	Ground Density	2.90 ppsm
All Points TIN Dz	0.01 m	Slope	1.08 °

Project Context

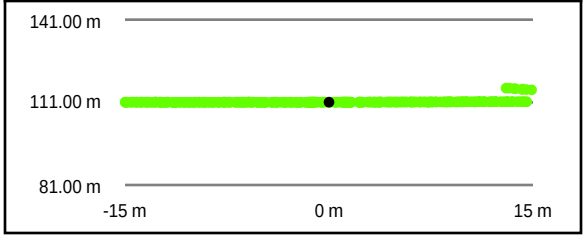


World Imagery

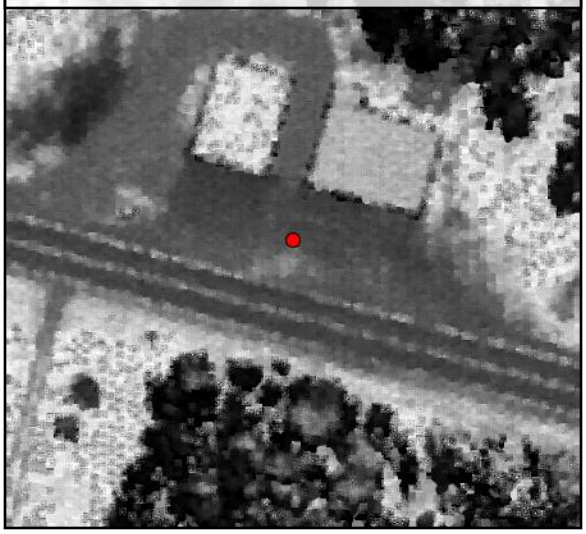
Southeast to Northwest



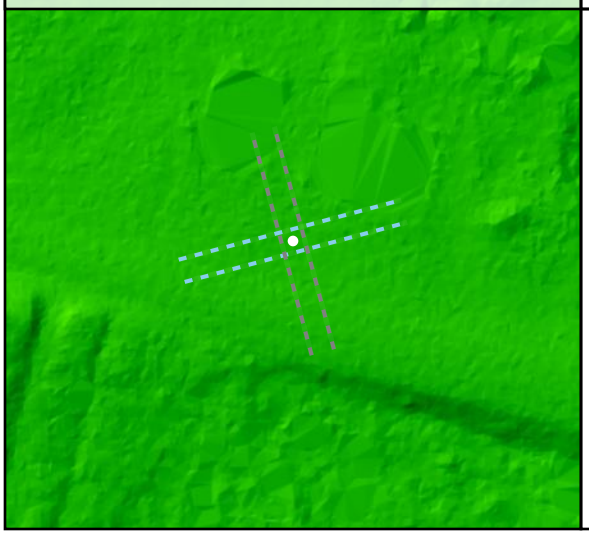
Southwest to Northeast



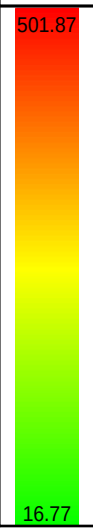
Intensity Raster



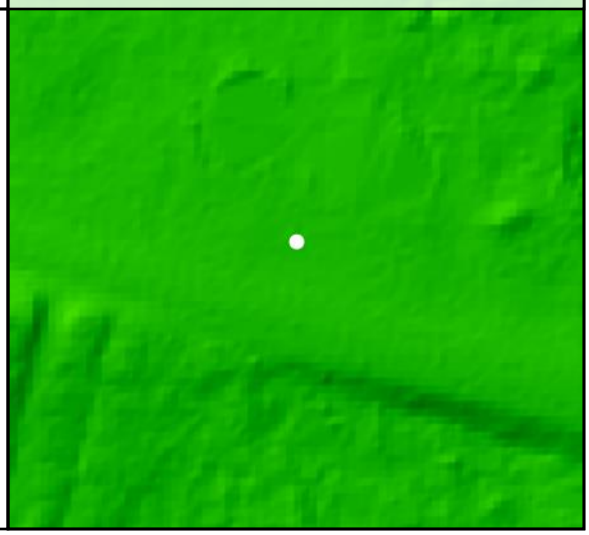
TIN Surface



Project Elevation



DEM Surface



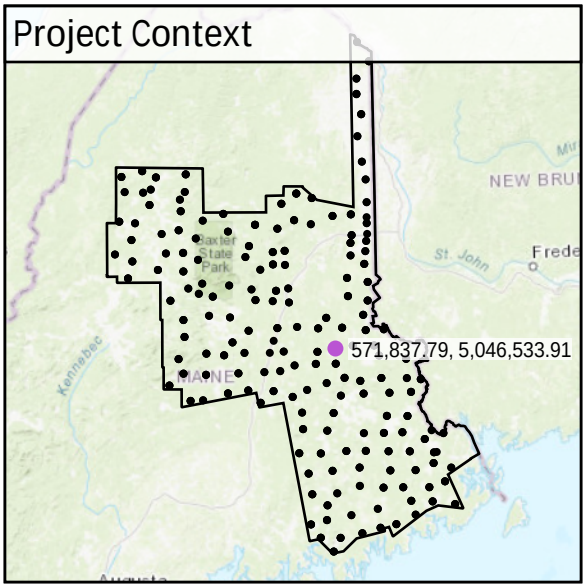
DEM Dz -0.01 m

CAL - CA82

All Points TIN Dz +0.01 m

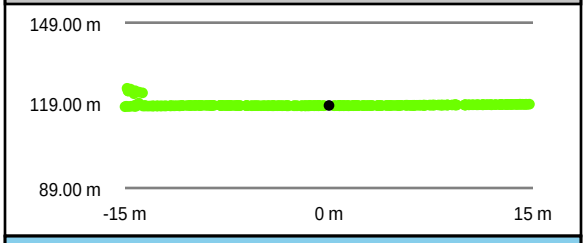
CA83				
	Known Z	118.95 m	Point Density	2.90 ppsm
	DEM Dz	-0.08 m	Ground Density	2.90 ppsm
	All Points TIN Dz	-0.08 m	Slope	0.50 °

Project Context

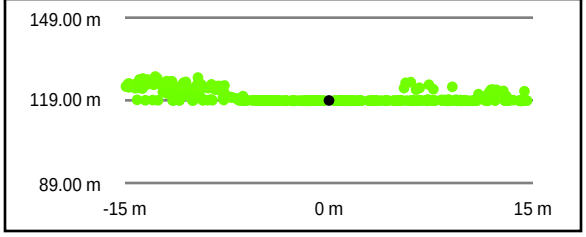


World Imagery

Southwest to Northeast

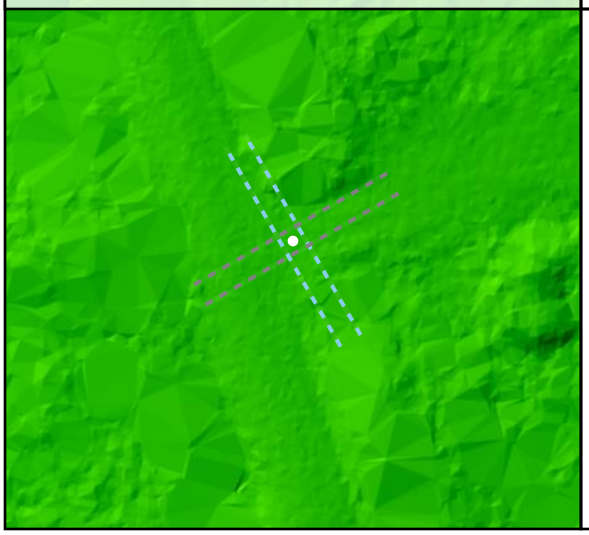


Southeast to Northwest

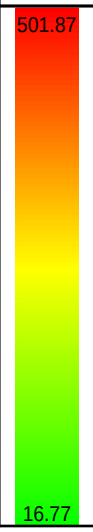


Intensity Raster

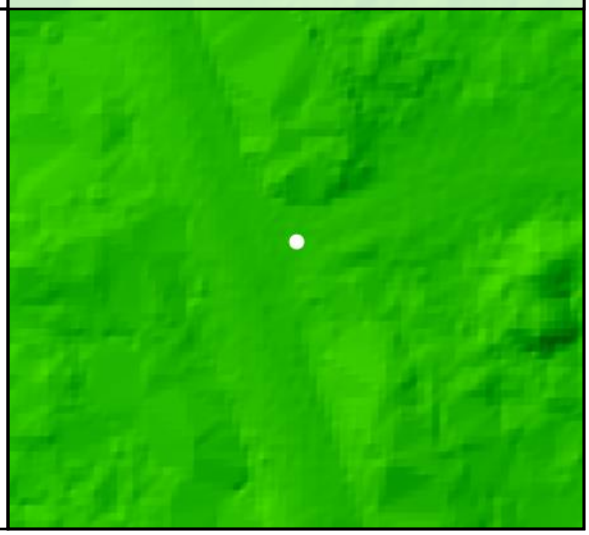
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.08 m

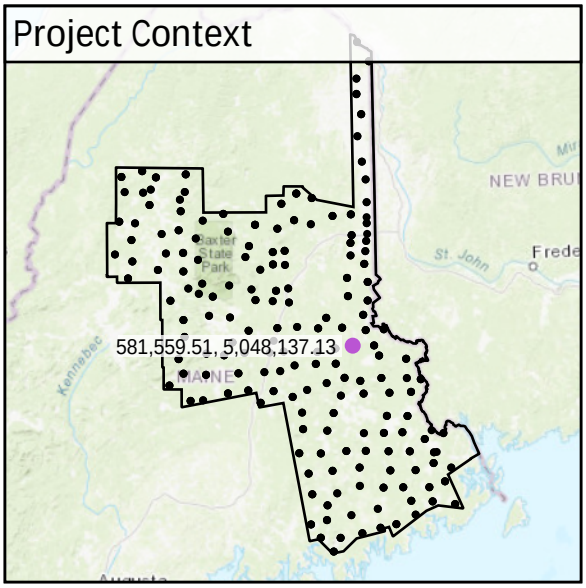
CAL - CA83

All Points TIN Dz -0.08 m

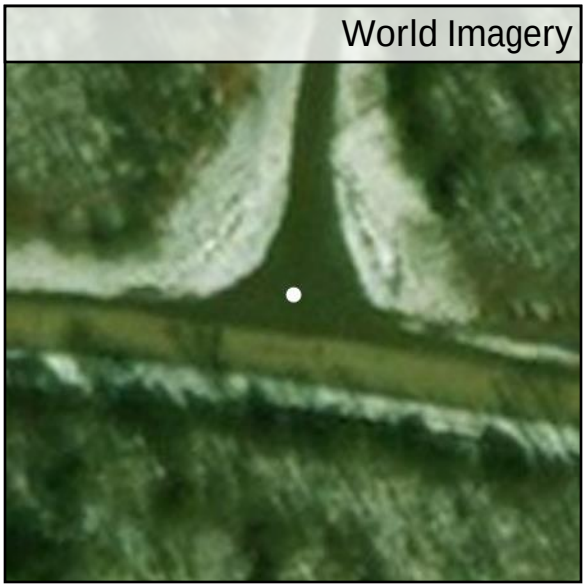
CA84

Known Z	170.20 m	Point Density	2.30 ppsm
DEM Dz	0.06 m	Ground Density	2.30 ppsm
All Points TIN Dz	0.07 m	Slope	2.52 °

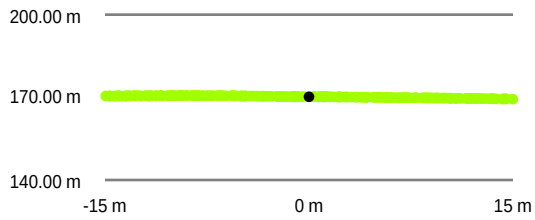
Project Context



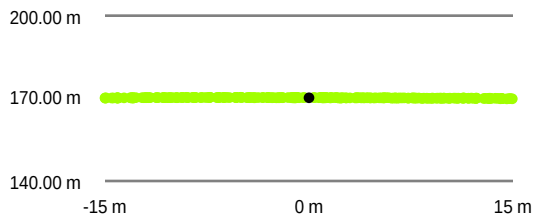
World Imagery



Southwest to Northeast

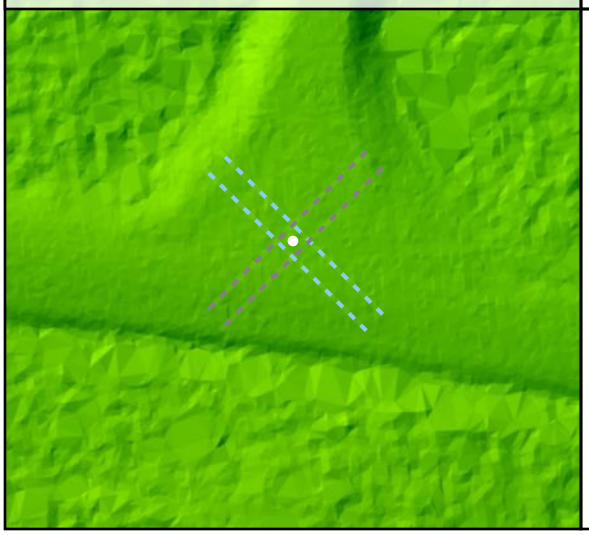


Southeast to Northwest



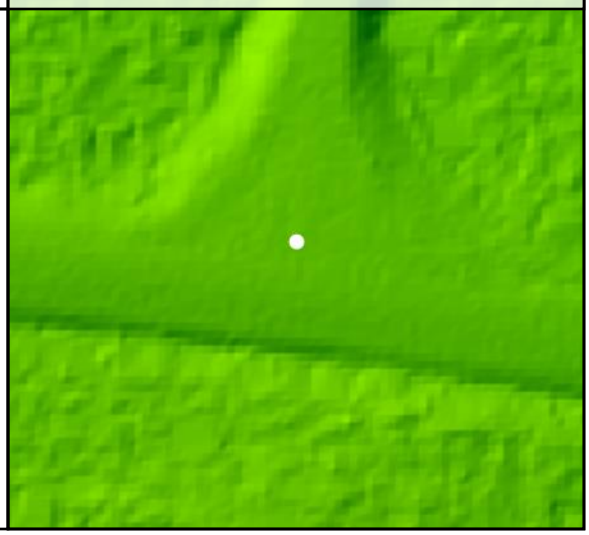
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

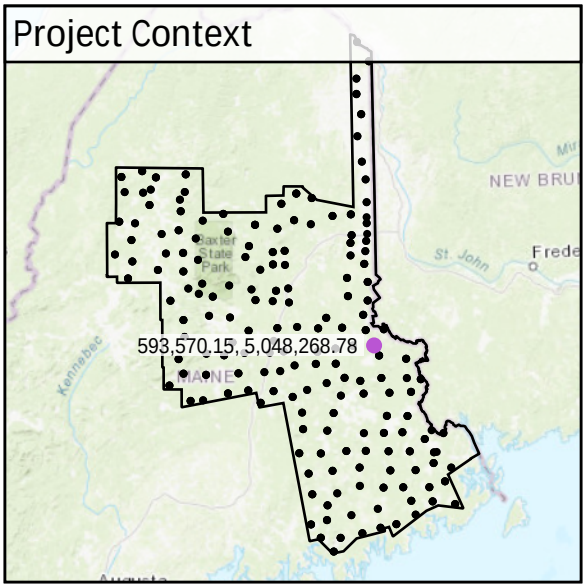
CAL - CA84

All Points TIN Dz +0.07 m

CA85

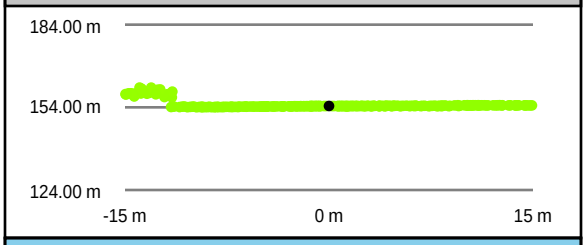
Known Z	154.49 m	Point Density	2.62 ppsm
DEM Dz	-0.03 m	Ground Density	2.62 ppsm
All Points TIN Dz	-0.03 m	Slope	1.54 °

Project Context

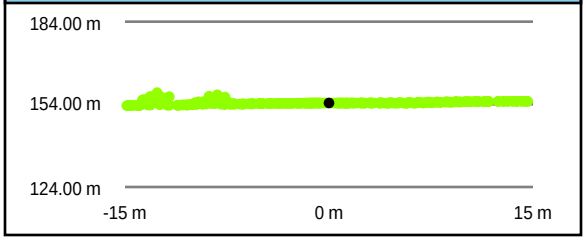


World Imagery

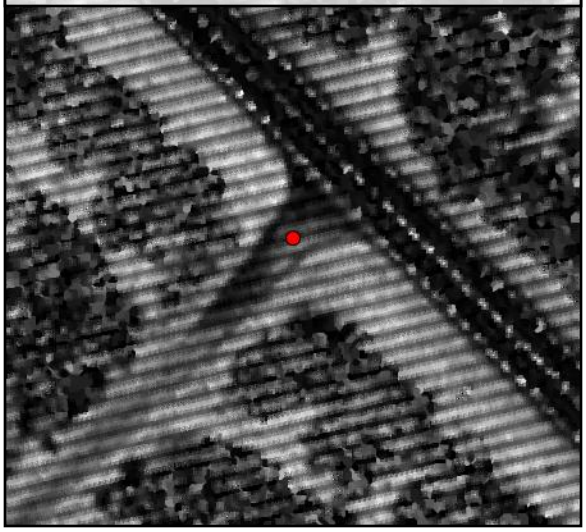
South to North



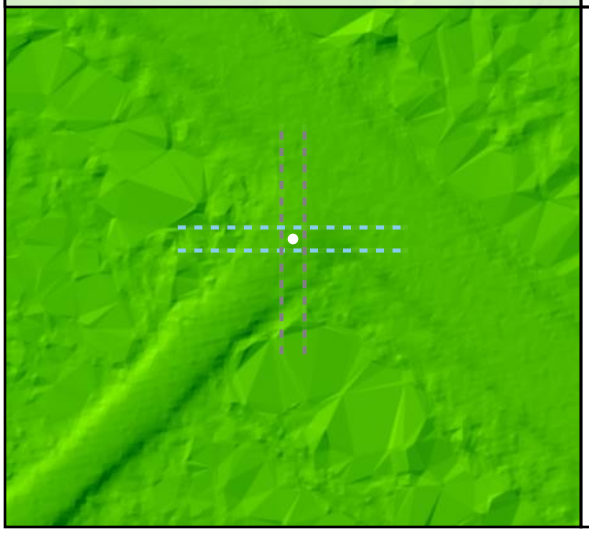
West to East



Intensity Raster

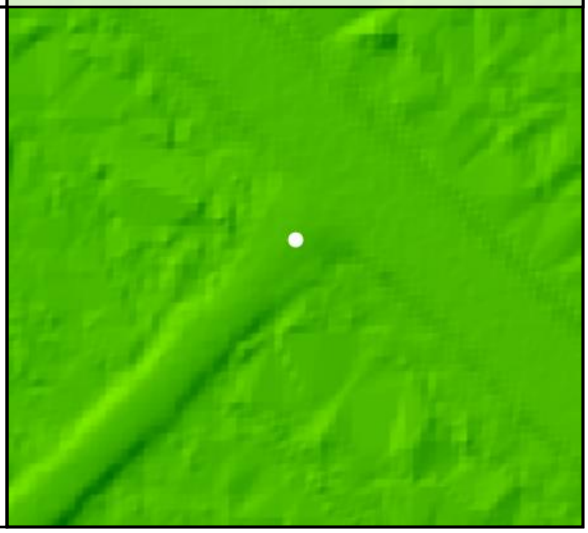


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

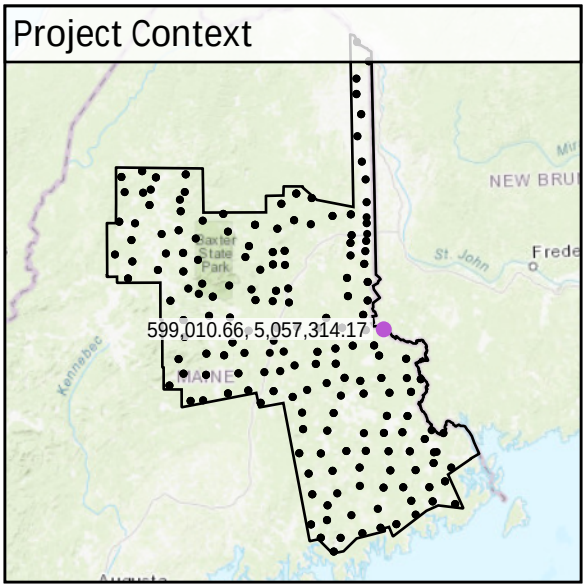
CAL - CA85

All Points TIN Dz -0.03 m

CA86

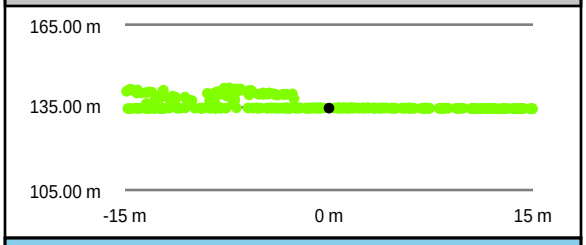
Known Z	134.71 m	Point Density	2.02 ppsm
DEM Dz	0.04 m	Ground Density	2.19 ppsm
All Points TIN Dz	0.05 m	Slope	3.59 °

Project Context

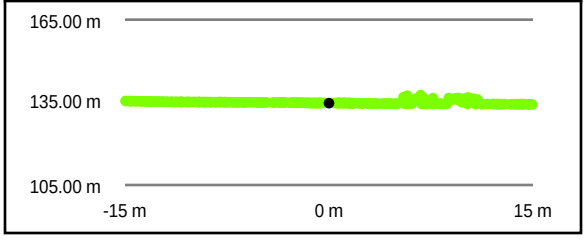


World Imagery

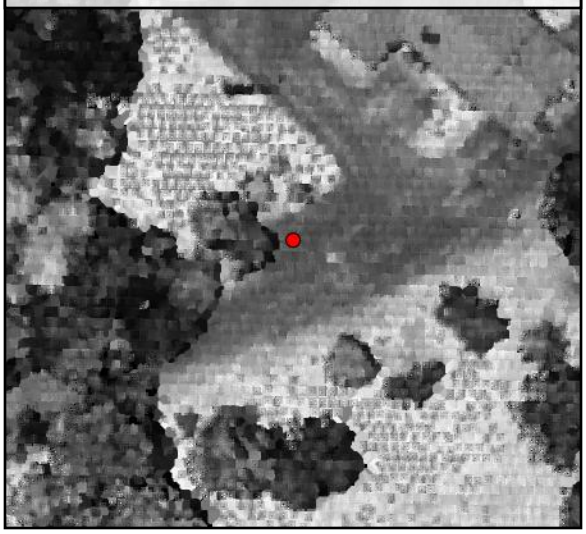
Southwest to Northeast



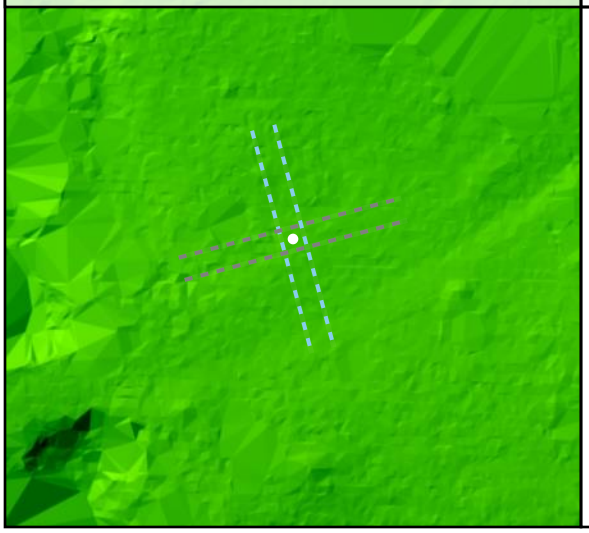
Southeast to Northwest



Intensity Raster

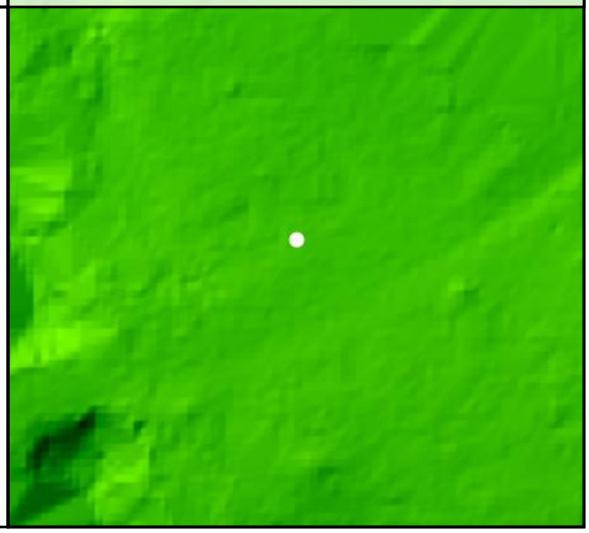


TIN Surface



Project Elevation

DEM Surface



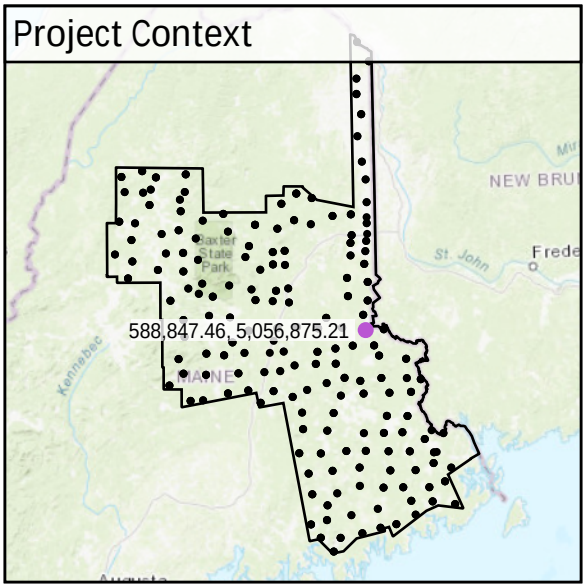
DEM Dz +0.04 m

CAL - CA86

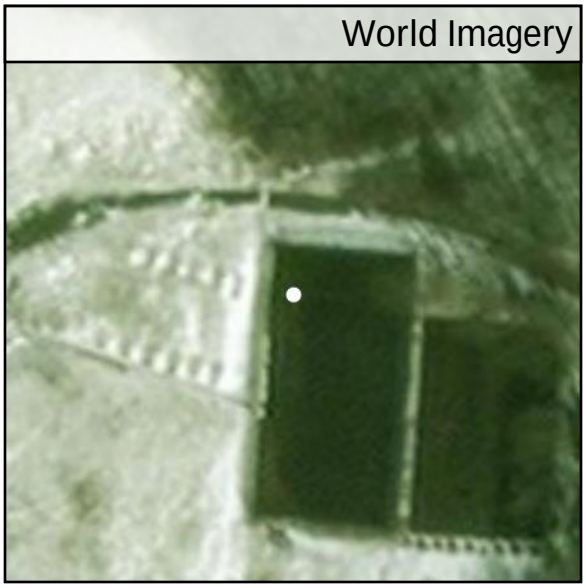
All Points TIN Dz +0.05 m

CA87				
	Known Z	147.49 m	Point Density	3.01 ppsm
	DEM Dz	-0.04 m	Ground Density	3.01 ppsm
	All Points TIN Dz	-0.04 m	Slope	0.08 °

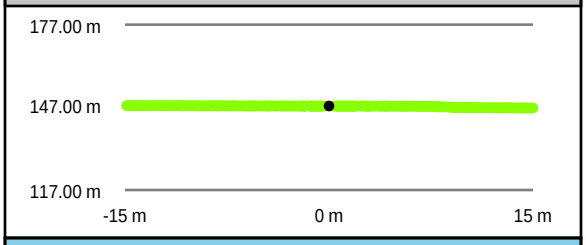
Project Context



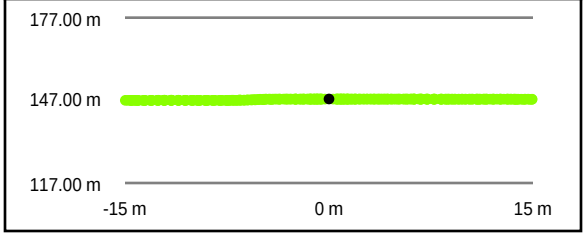
World Imagery



Southeast to Northwest



Southwest to Northeast

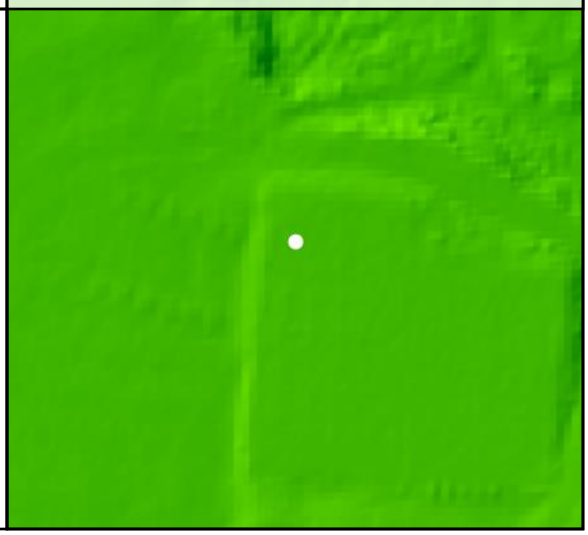


Intensity Raster

TIN Surface

Project Elevation

DEM Surface



DEM Dz -0.04 m

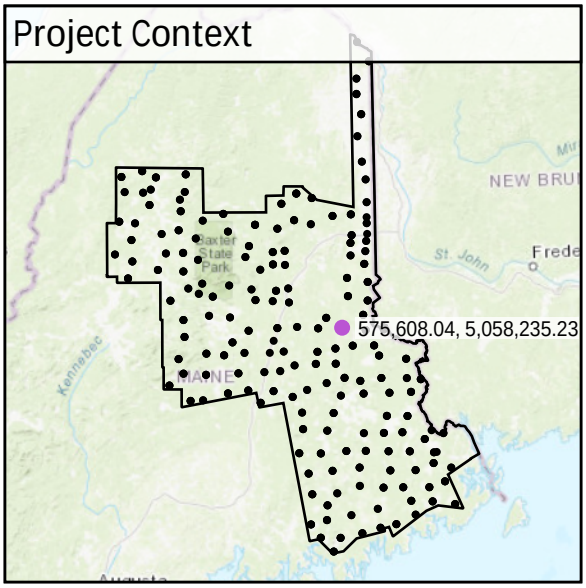
CAL - CA87

All Points TIN Dz -0.04 m

CA88

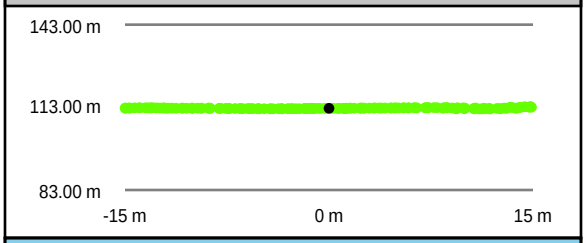
Known Z	112.64 m	Point Density	1.73 ppsm
DEM Dz	-0.02 m	Ground Density	1.73 ppsm
All Points TIN Dz	0.01 m	Slope	2.70 °

Project Context

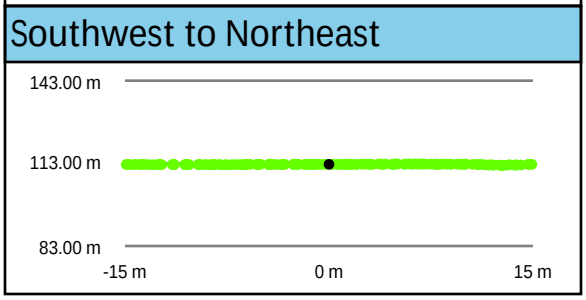


World Imagery

Southeast to Northwest

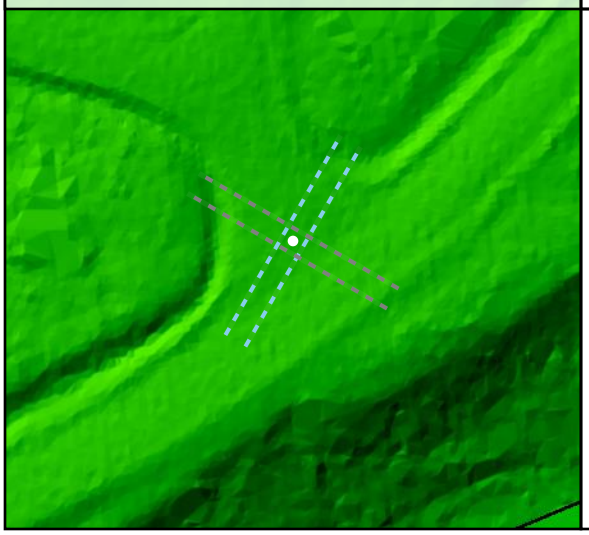


Southwest to Northeast



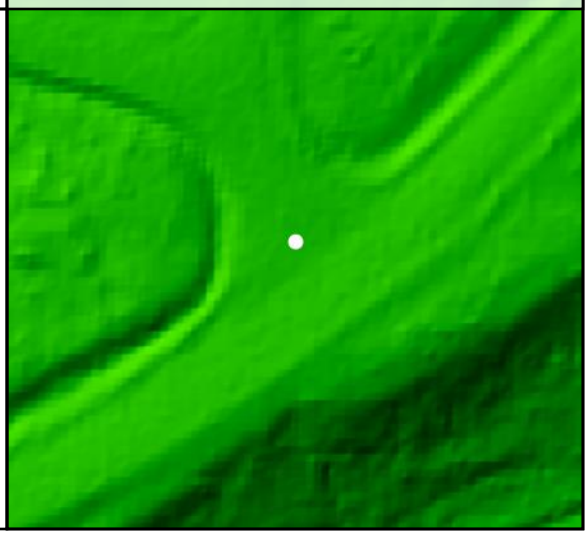
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

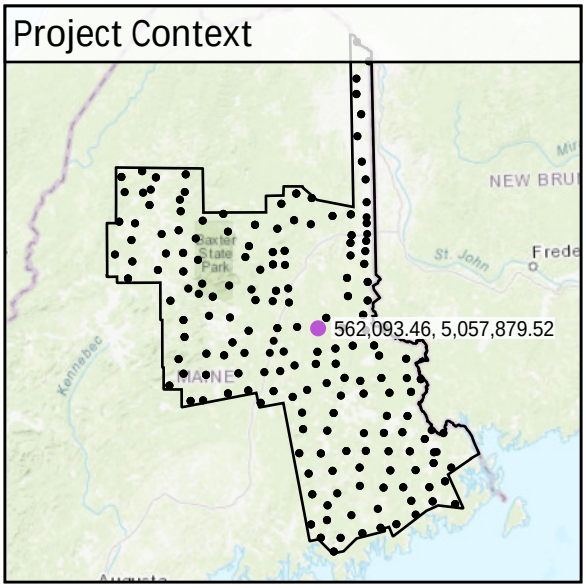
CAL - CA88

All Points TIN Dz +0.01 m

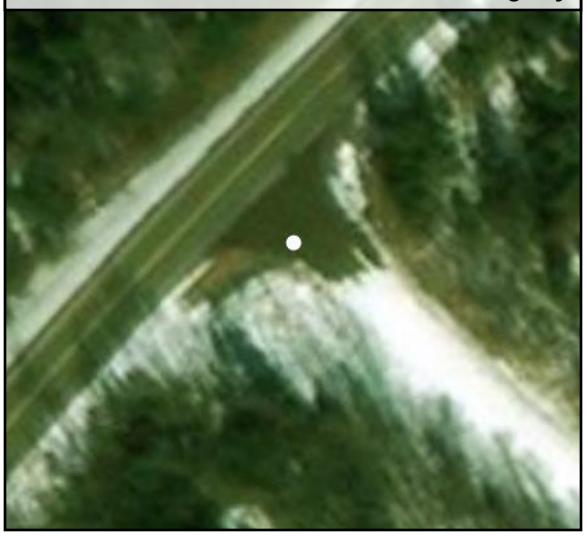
CA89

Known Z	165.90 m	Point Density	1.70 ppsm
DEM Dz	-0.03 m	Ground Density	1.70 ppsm
All Points TIN Dz	-0.03 m	Slope	3.81 °

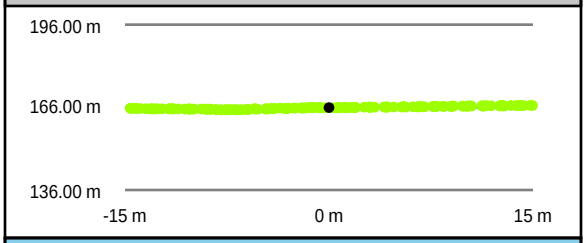
Project Context



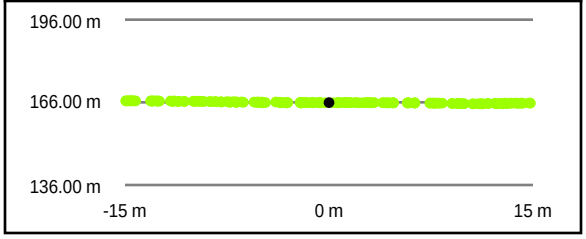
World Imagery



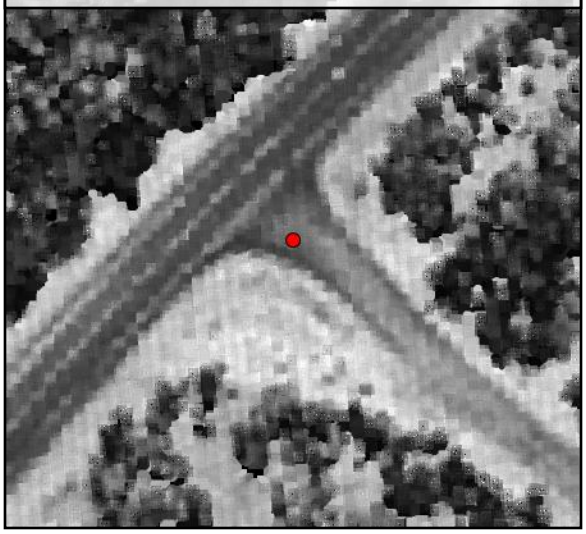
South to North



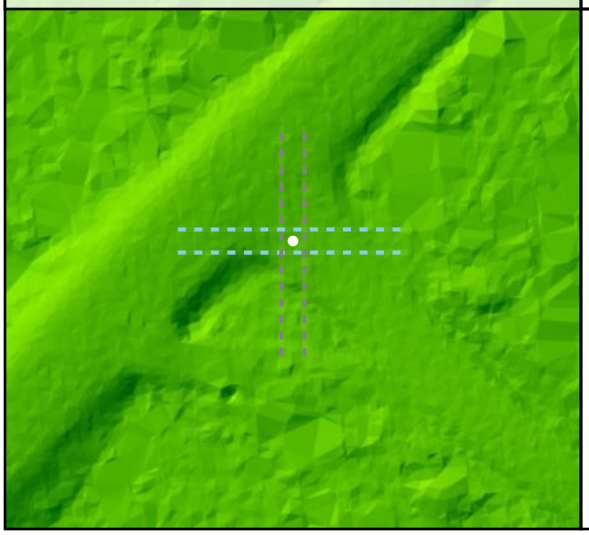
West to East



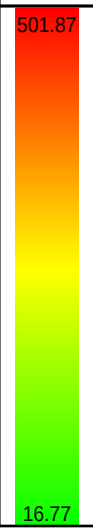
Intensity Raster



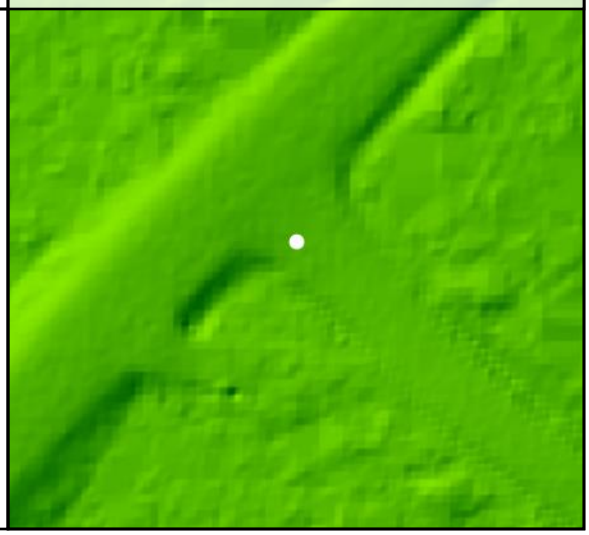
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

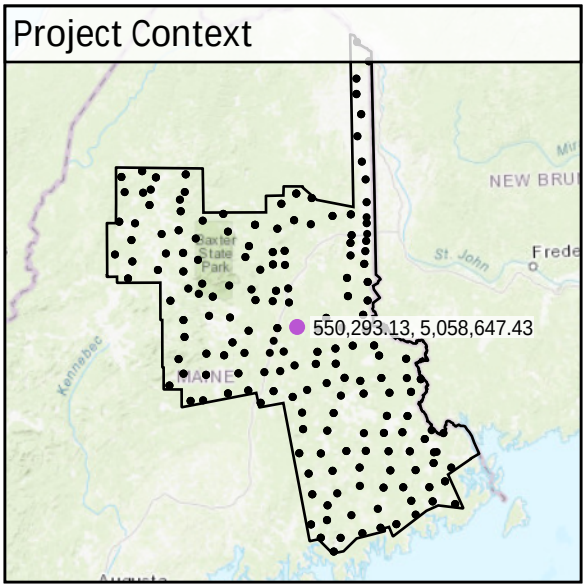
CAL - CA89

All Points TIN Dz -0.03 m

CA90

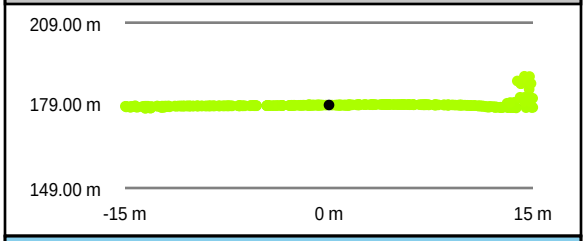
Known Z	179.12 m	Point Density	3.25 ppsm
DEM Dz	-0.03 m	Ground Density	3.25 ppsm
All Points TIN Dz	-0.03 m	Slope	2.25 °

Project Context

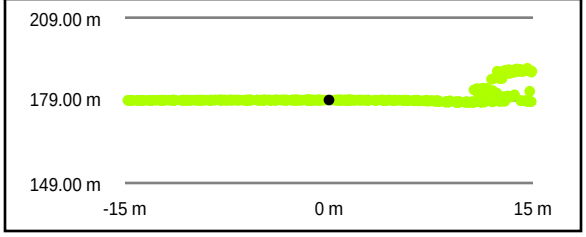


World Imagery

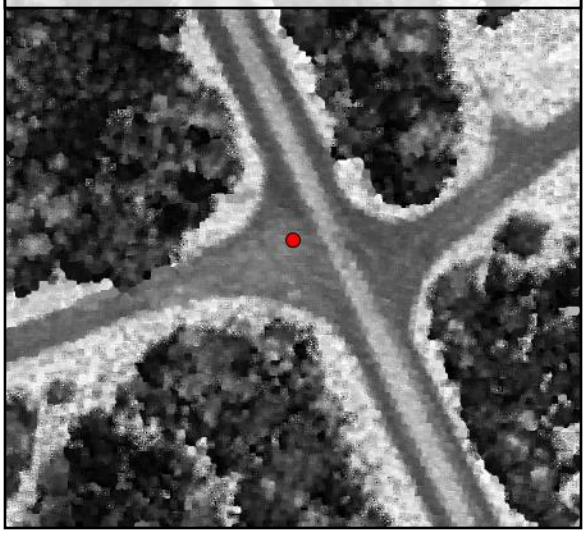
Southwest to Northeast



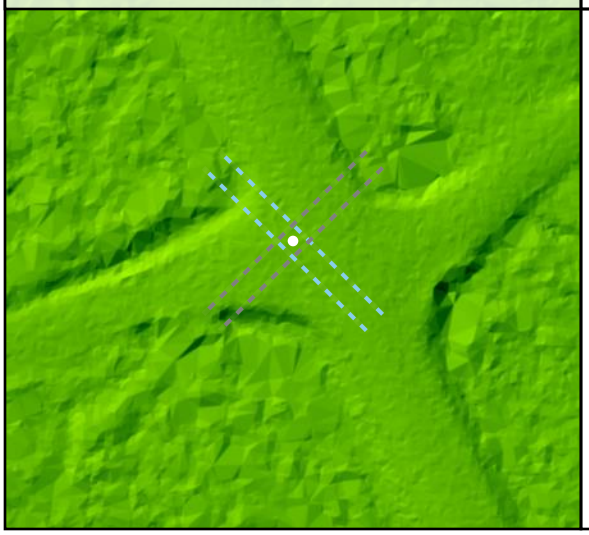
Southeast to Northwest



Intensity Raster

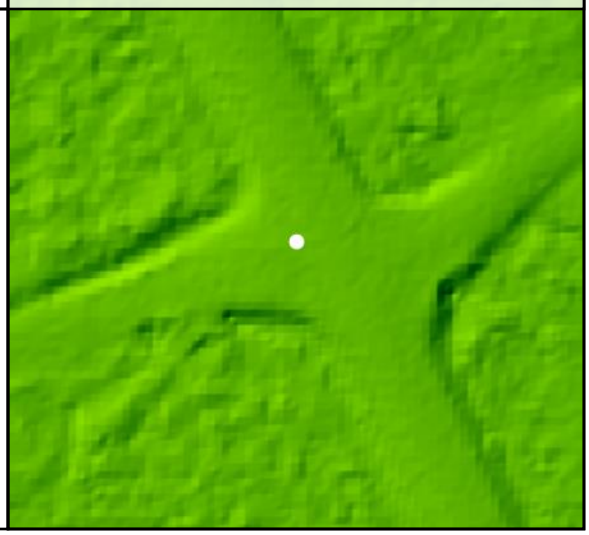


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

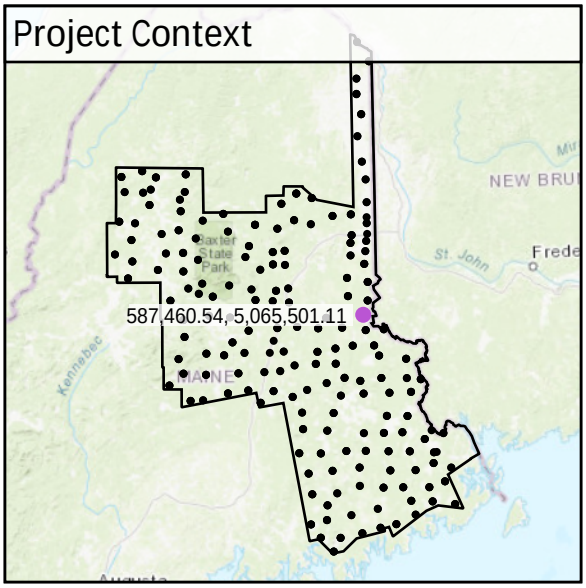
CAL - CA90

All Points TIN Dz -0.03 m

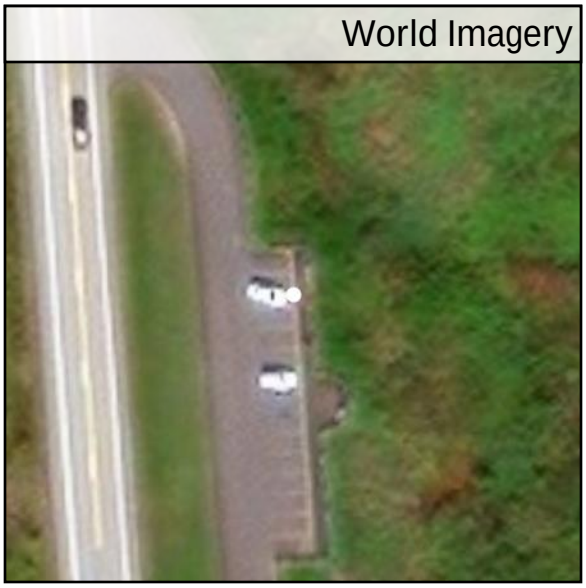
CA91

Known Z	226.86 m	Point Density	2.79 ppsm
DEM Dz	-0.01 m	Ground Density	2.79 ppsm
All Points TIN Dz	0.00 m	Slope	0.95 °

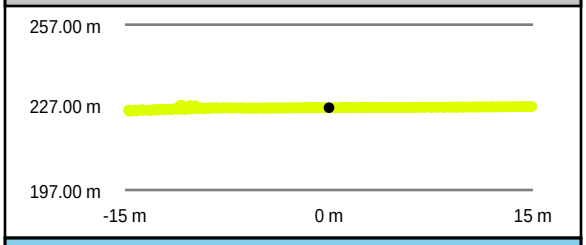
Project Context



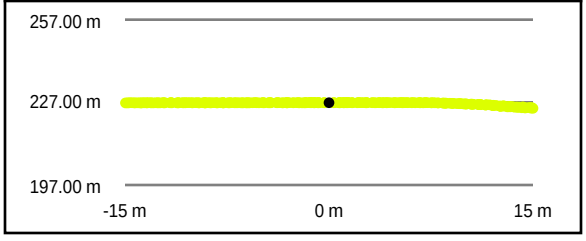
World Imagery



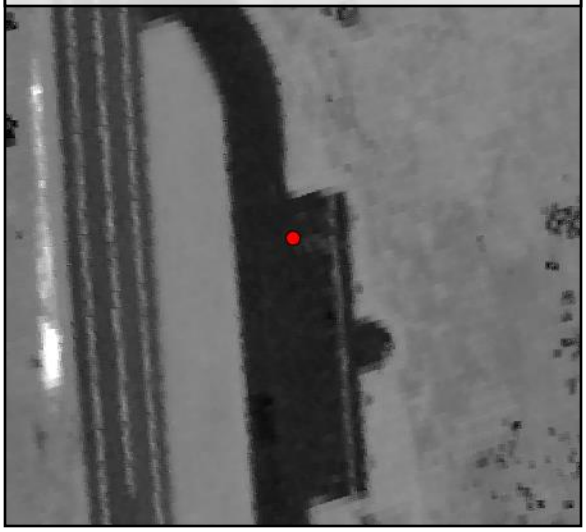
Southeast to Northwest



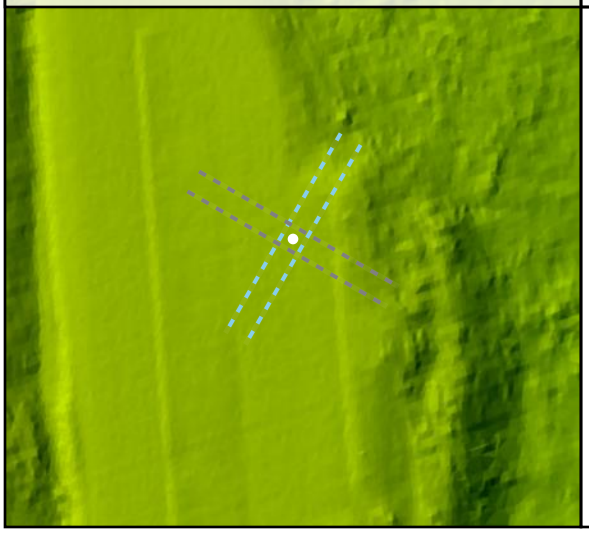
Southwest to Northeast



Intensity Raster

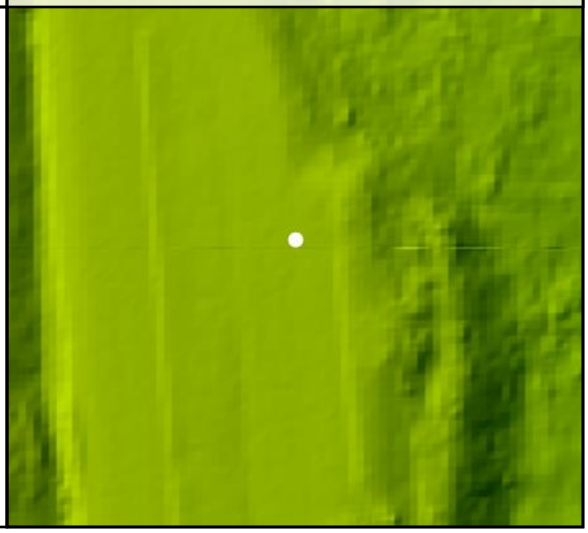


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

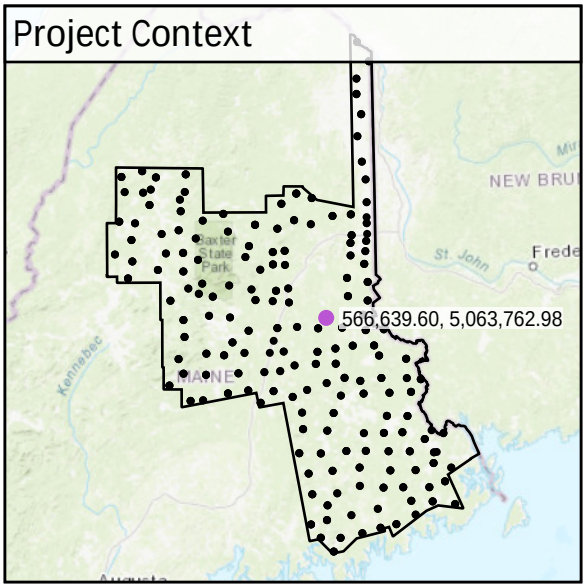
CAL - CA91

All Points TIN Dz 0.00 m

CA92

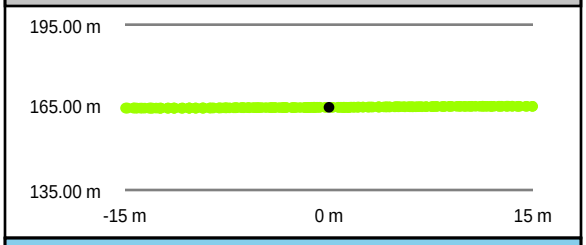
Known Z	165.01 m	Point Density	2.16 ppsm
DEM Dz	0.00 m	Ground Density	2.16 ppsm
All Points TIN Dz	0.00 m	Slope	1.29 °

Project Context

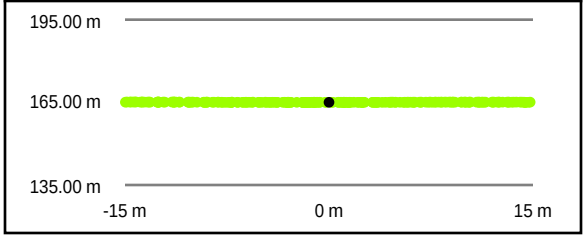


World Imagery

Southeast to Northwest

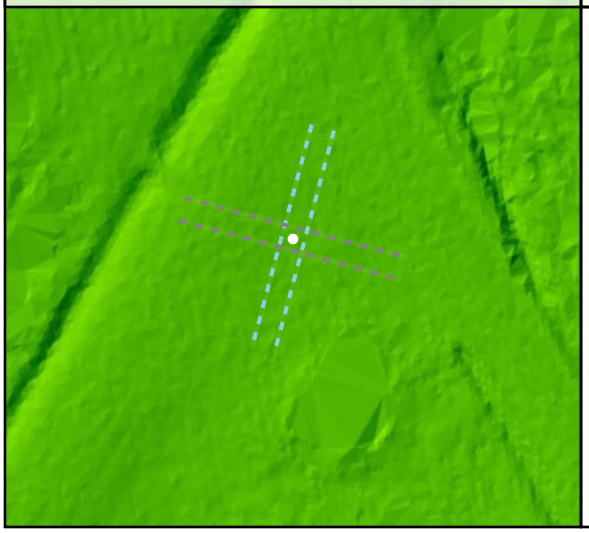


Southwest to Northeast



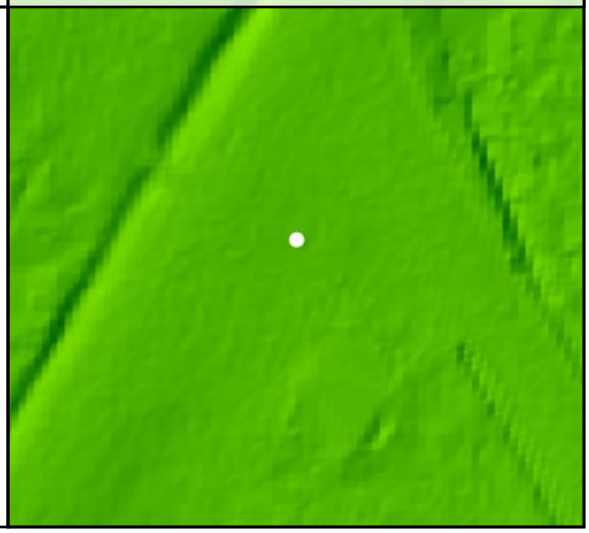
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

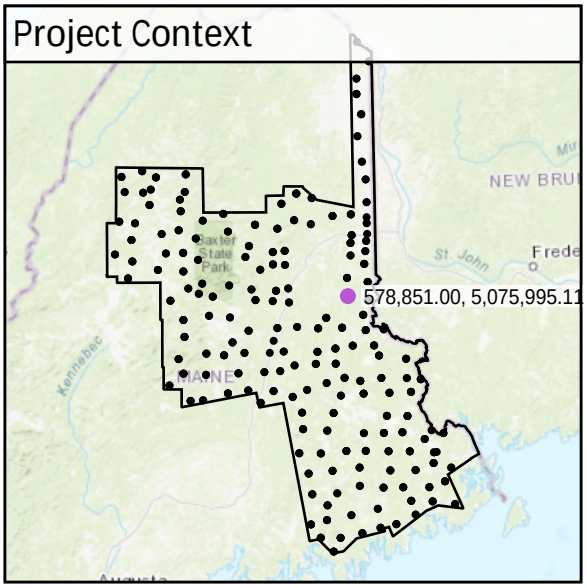
CAL - CA92

All Points TIN Dz 0.00 m

CA93

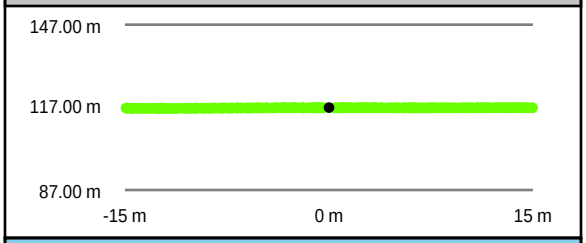
Known Z	116.90 m	Point Density	2.30 ppsm
DEM Dz	-0.07 m	Ground Density	2.30 ppsm
All Points TIN Dz	-0.08 m	Slope	1.15 °

Project Context

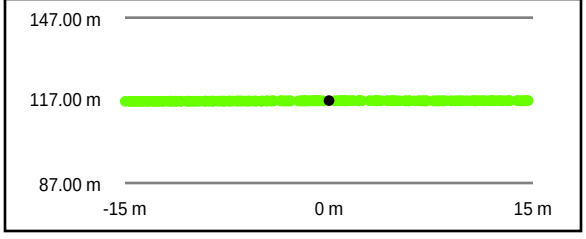


World Imagery

Southwest to Northeast



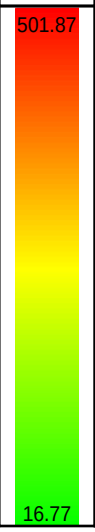
Southeast to Northwest



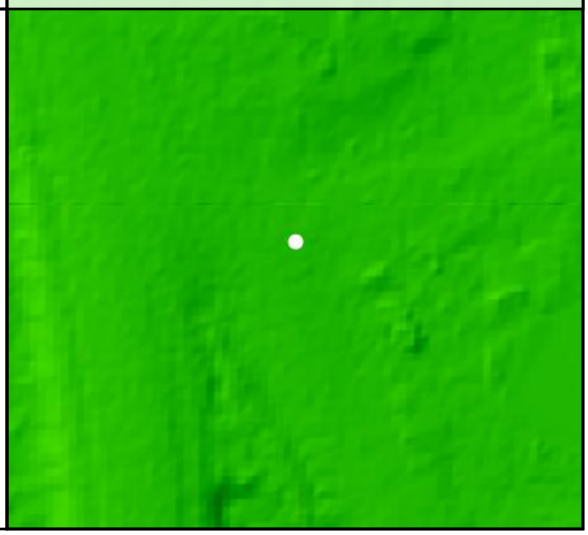
Intensity Raster

TIN Surface

Project Elevation



DEM Surface



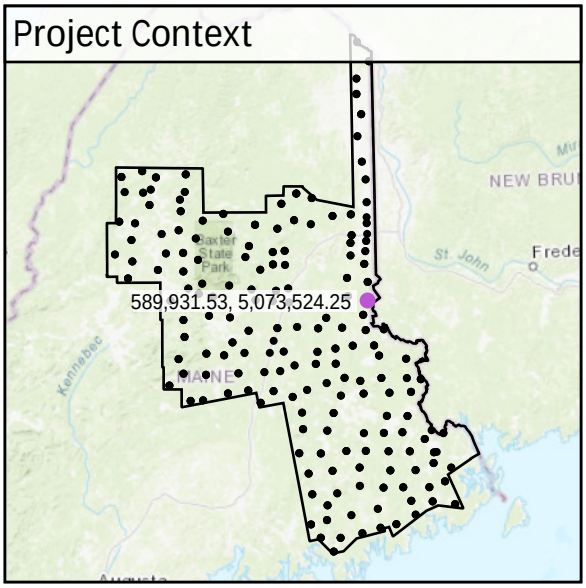
DEM Dz -0.07 m

CAL - CA93

All Points TIN Dz -0.08 m

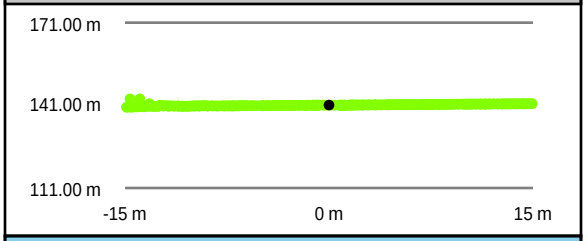
CA94				
	Known Z	141.10 m	Point Density	2.94 ppsm
	DEM Dz	-0.04 m	Ground Density	2.94 ppsm
	All Points TIN Dz	-0.04 m	Slope	1.90 °

Project Context

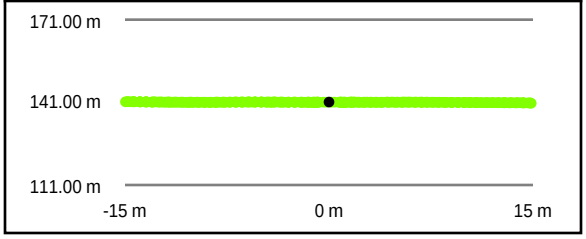


World Imagery

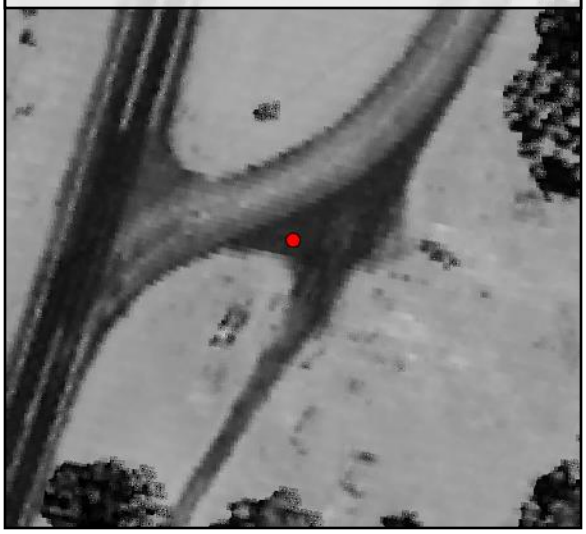
Southwest to Northeast



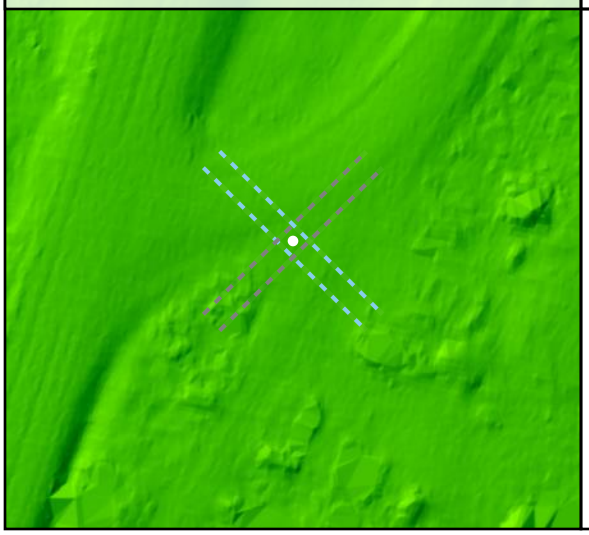
Southeast to Northwest



Intensity Raster

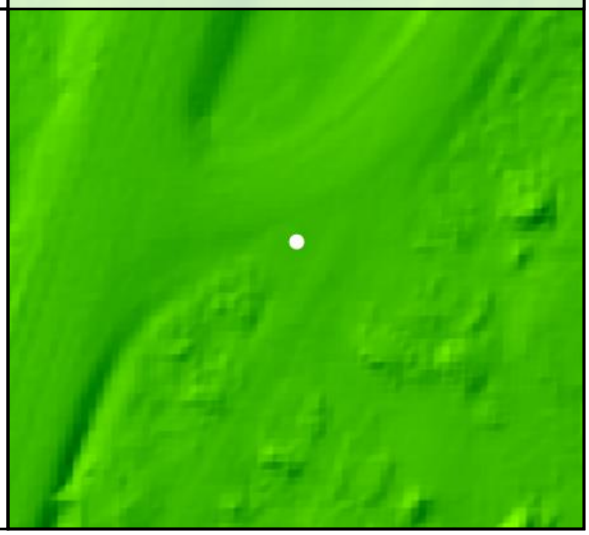


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

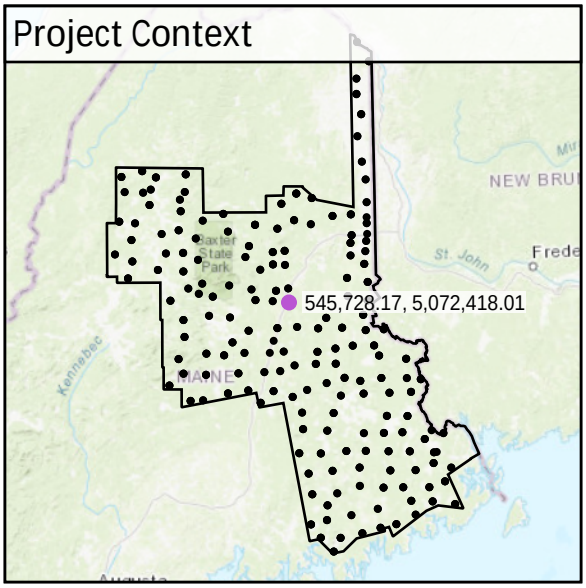
CAL - CA94

All Points TIN Dz -0.04 m

CA95

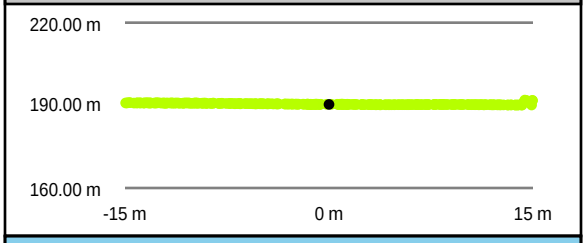
Known Z	190.33 m	Point Density	2.37 ppsm
DEM Dz	0.04 m	Ground Density	2.37 ppsm
All Points TIN Dz	0.05 m	Slope	2.09 °

Project Context

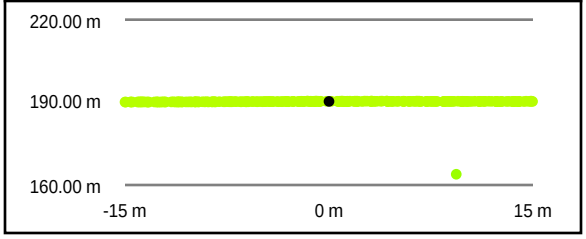


World Imagery

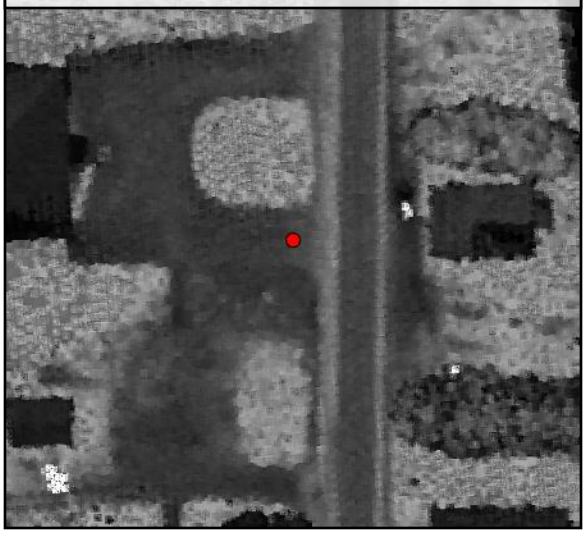
Southwest to Northeast



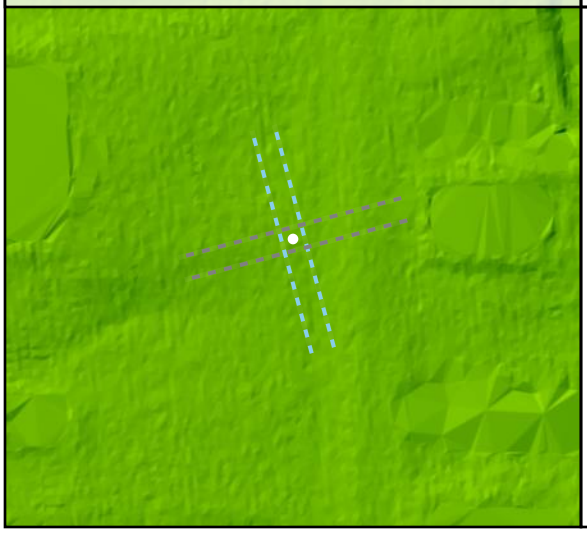
Southeast to Northwest



Intensity Raster

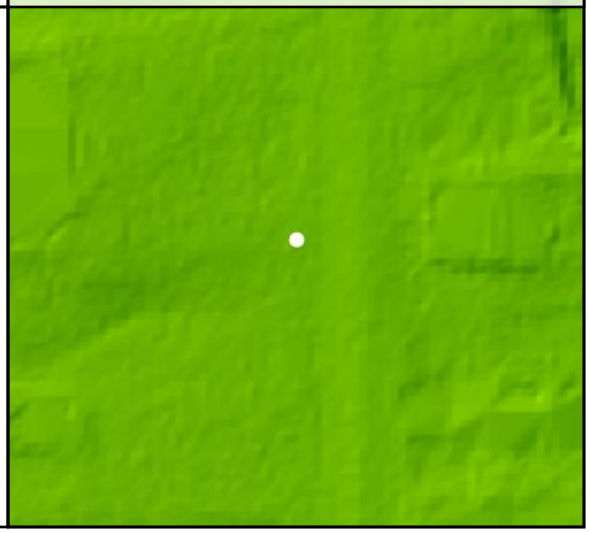


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

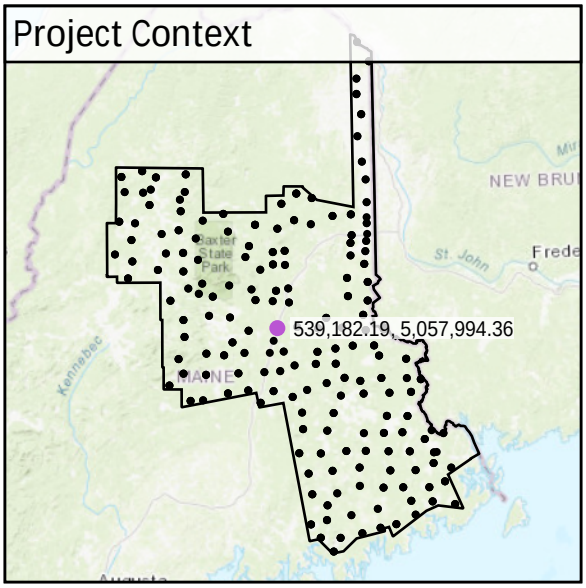
CAL - CA95

All Points TIN Dz +0.05 m

CA96

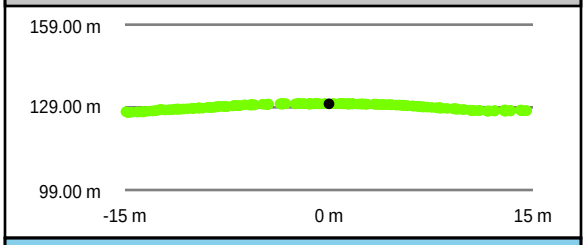
Known Z	130.28 m	Point Density	2.12 ppsm
DEM Dz	0.05 m	Ground Density	2.12 ppsm
All Points TIN Dz	0.06 m	Slope	3.25 °

Project Context

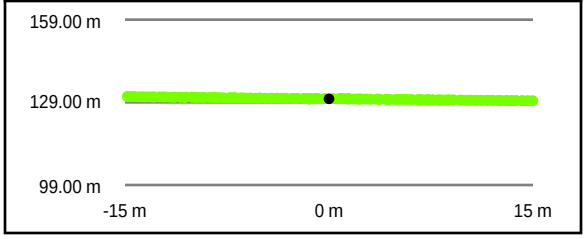


World Imagery

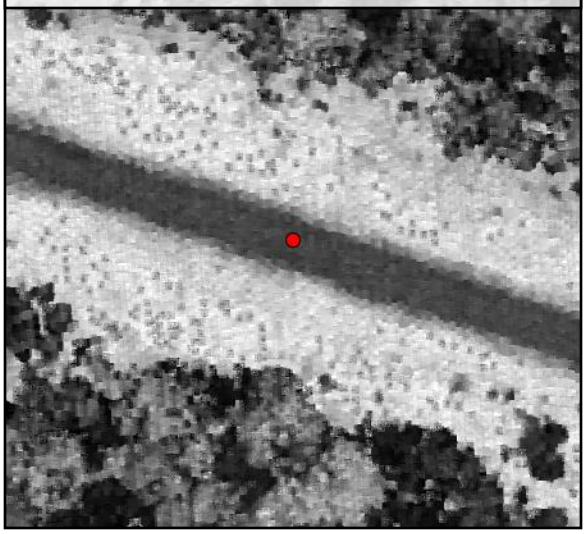
Southwest to Northeast



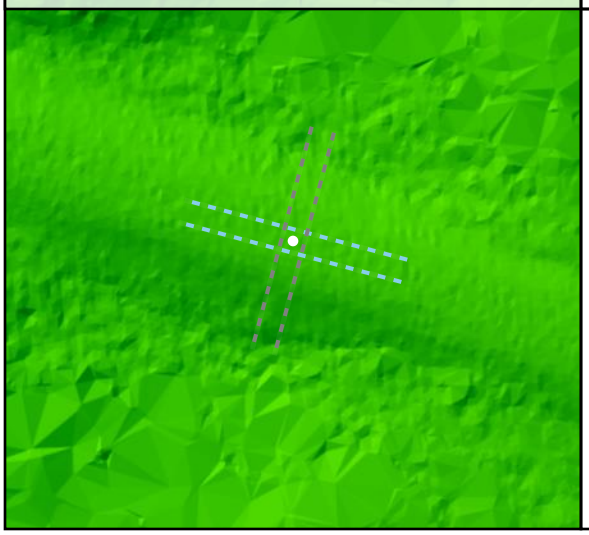
Southeast to Northwest



Intensity Raster

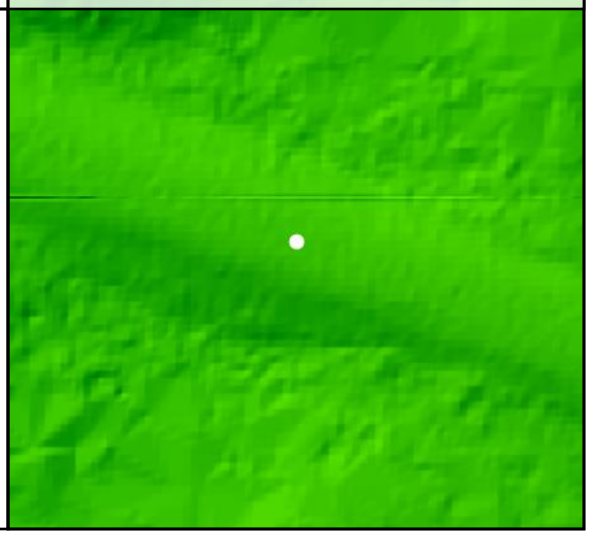


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

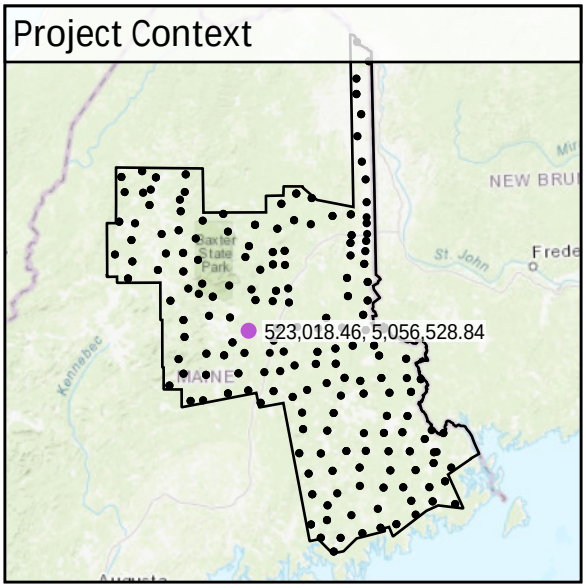
CAL - CA96

All Points TIN Dz +0.06 m

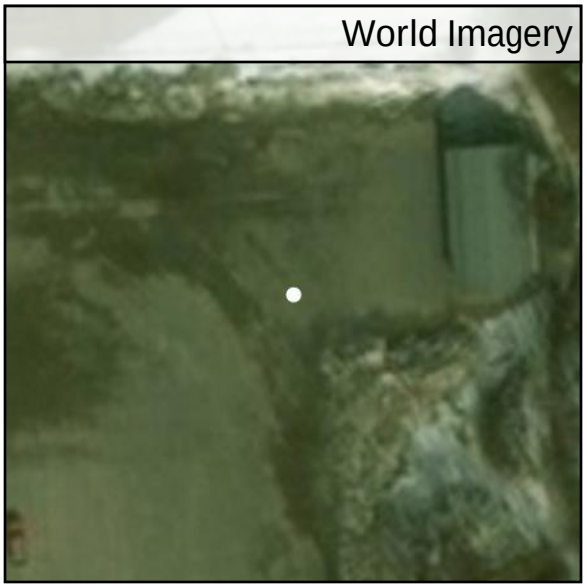
CA97

Known Z	109.34 m	Point Density	1.91 ppsm
DEM Dz	0.06 m	Ground Density	1.91 ppsm
All Points TIN Dz	0.06 m	Slope	1.04 °

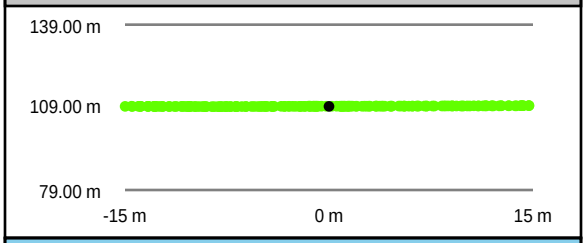
Project Context



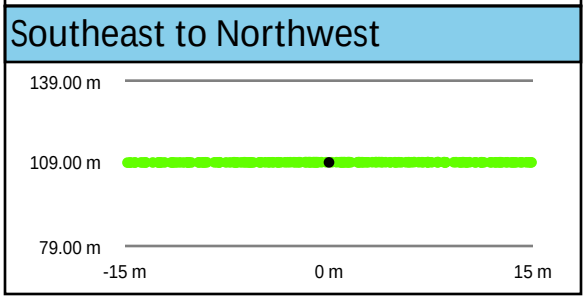
World Imagery



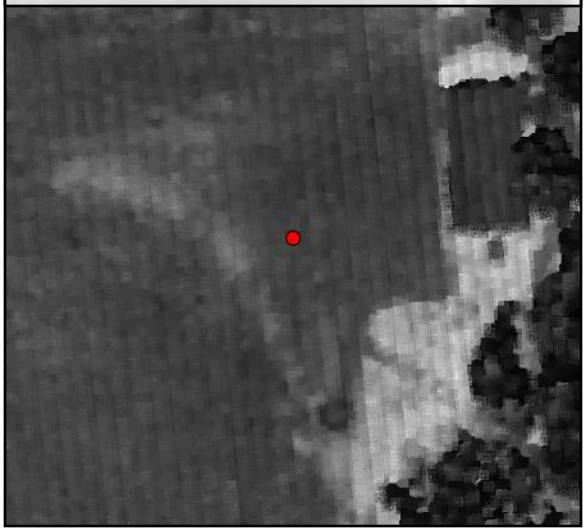
Southwest to Northeast



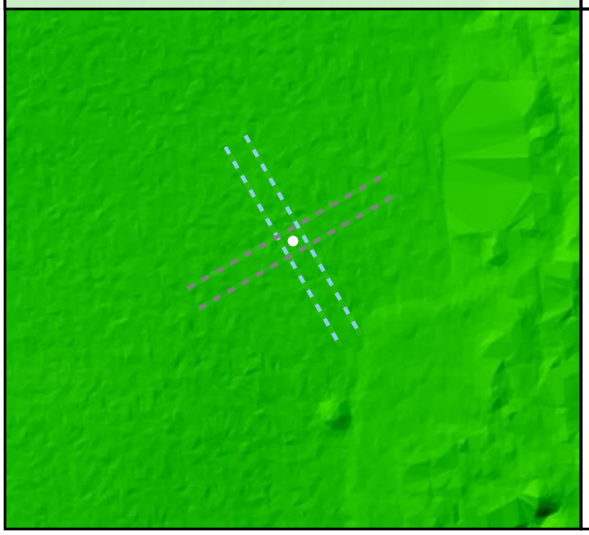
Southeast to Northwest



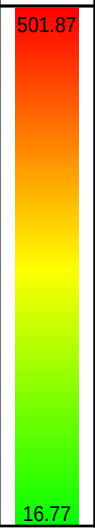
Intensity Raster



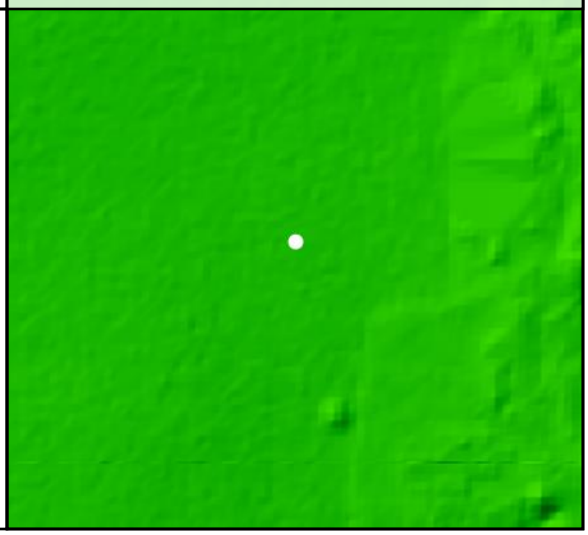
TIN Surface



Project Elevation



DEM Surface



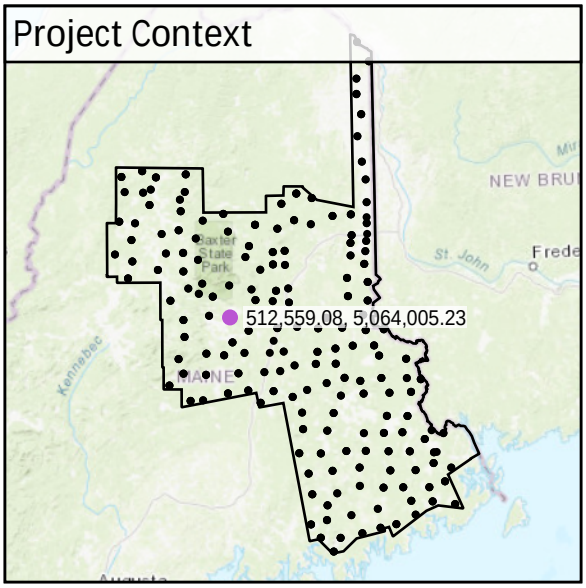
DEM Dz +0.06 m

CAL - CA97

All Points TIN Dz +0.06 m

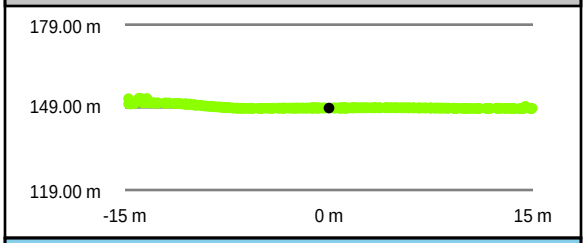
CA98				
	Known Z	148.74 m	Point Density	2.76 ppsm
	DEM Dz	0.02 m	Ground Density	2.76 ppsm
	All Points TIN Dz	0.02 m	Slope	2.41 °

Project Context

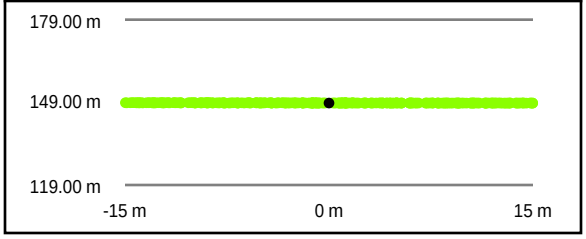


World Imagery

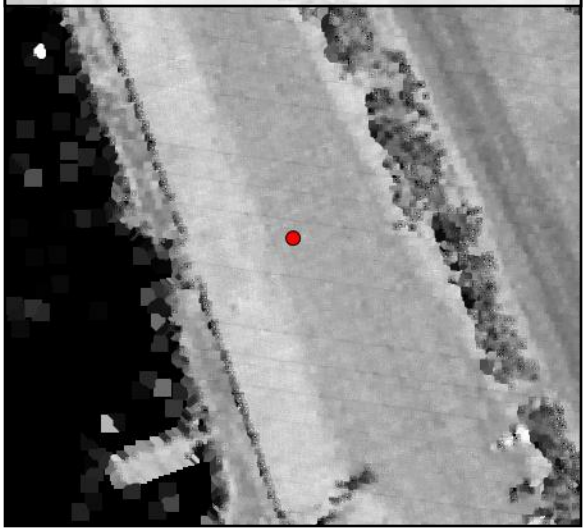
Southwest to Northeast



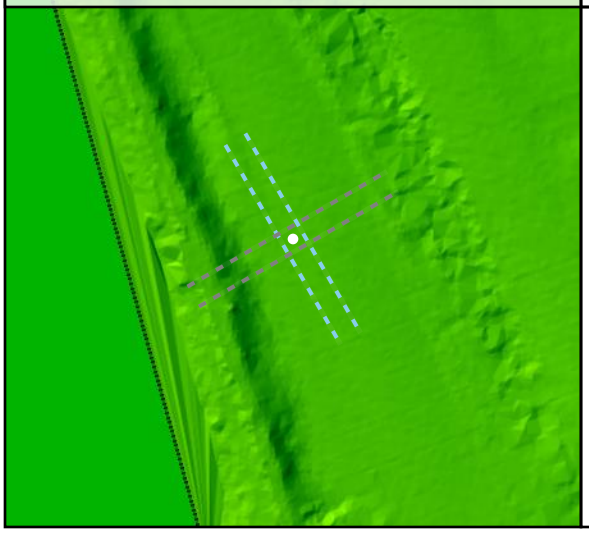
Southeast to Northwest



Intensity Raster

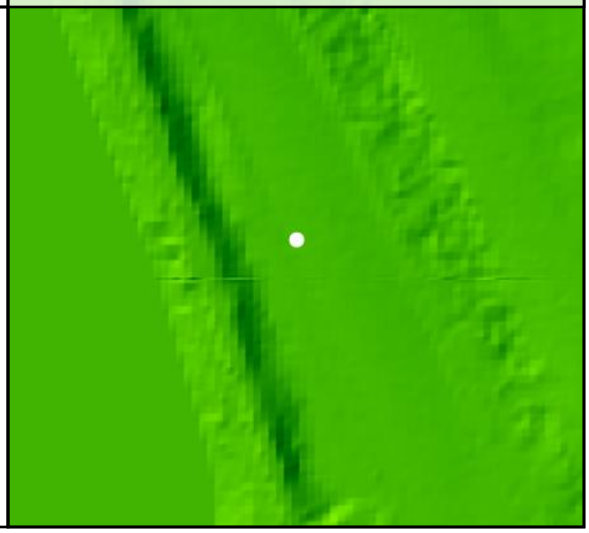


TIN Surface



Project Elevation

DEM Surface



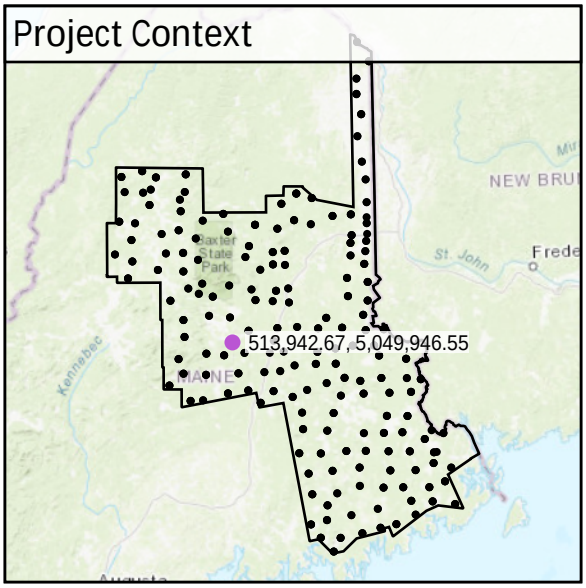
DEM Dz +0.02 m

CAL - CA98

All Points TIN Dz +0.02 m

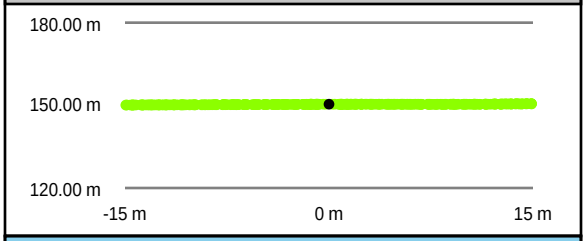
CA99				
	Known Z	150.41 m	Point Density	2.90 ppsm
	DEM Dz	-0.01 m	Ground Density	2.90 ppsm
	All Points TIN Dz	-0.01 m	Slope	1.10 °

Project Context

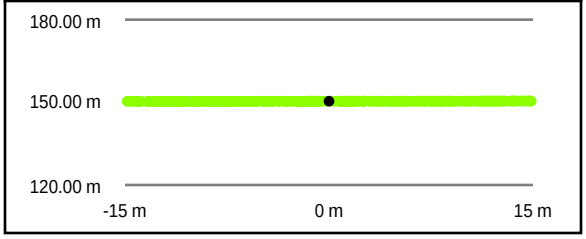


World Imagery

Southeast to Northwest

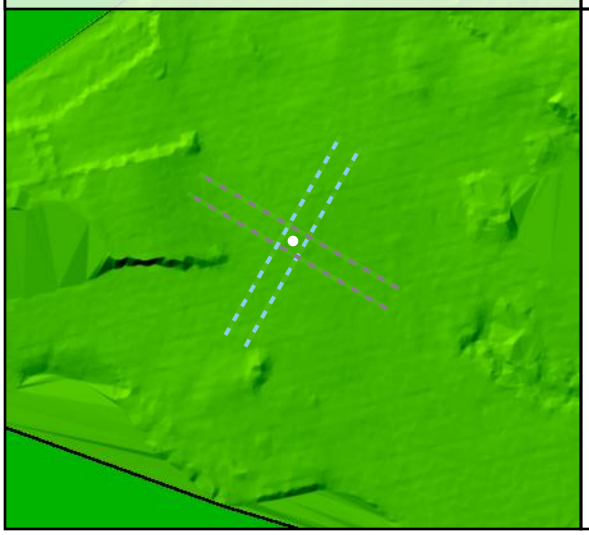


Southwest to Northeast



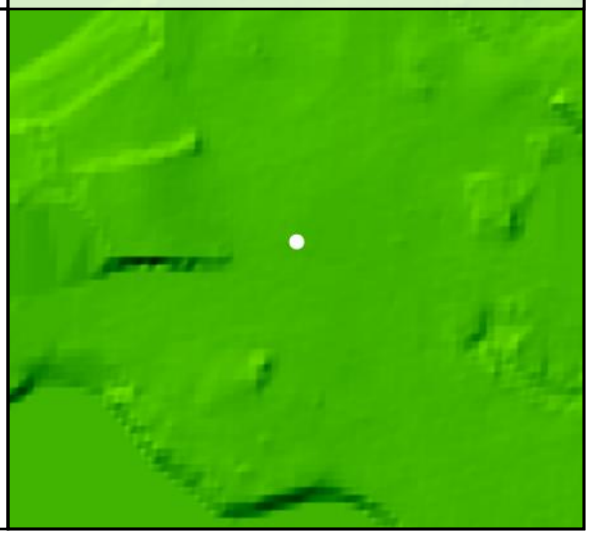
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

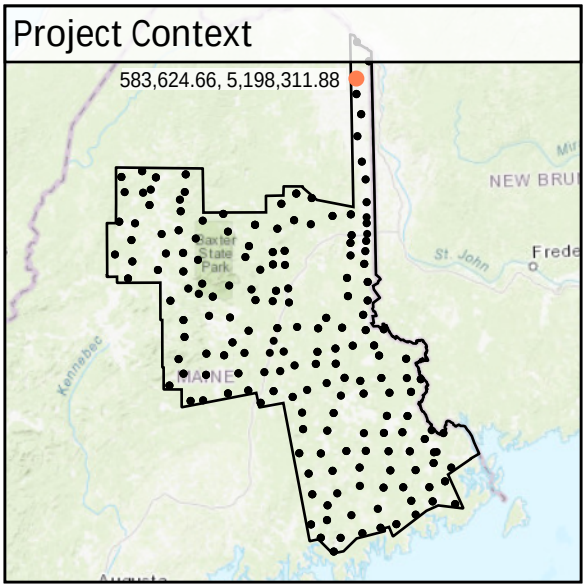
CAL - CA99

All Points TIN Dz -0.01 m

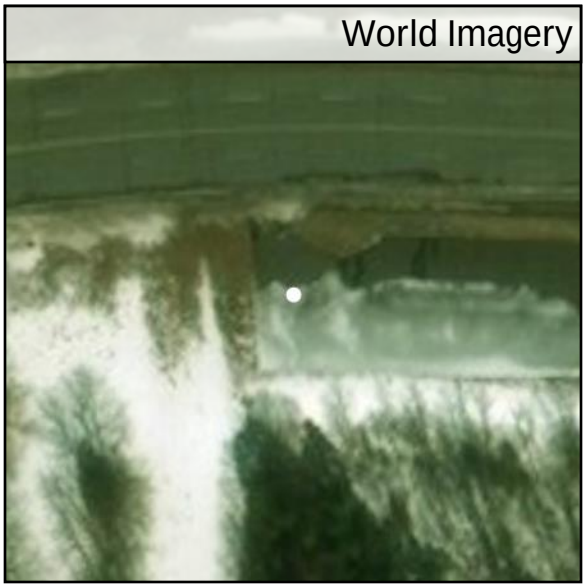
UA30

Known Z	207.08 m	Point Density	2.62 ppsm
DEM Dz	0.02 m	Ground Density	1.84 ppsm
All Points TIN Dz	0.96 m	Slope	1.24 °

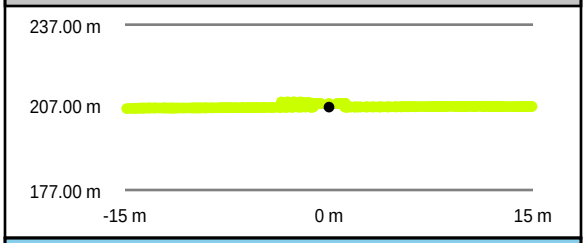
Project Context



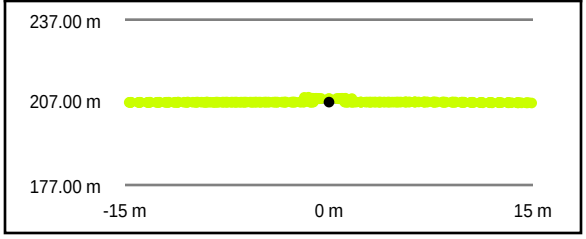
World Imagery



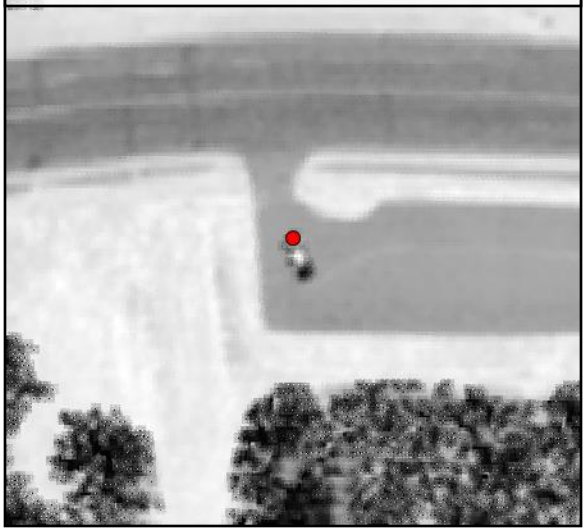
Southwest to Northeast



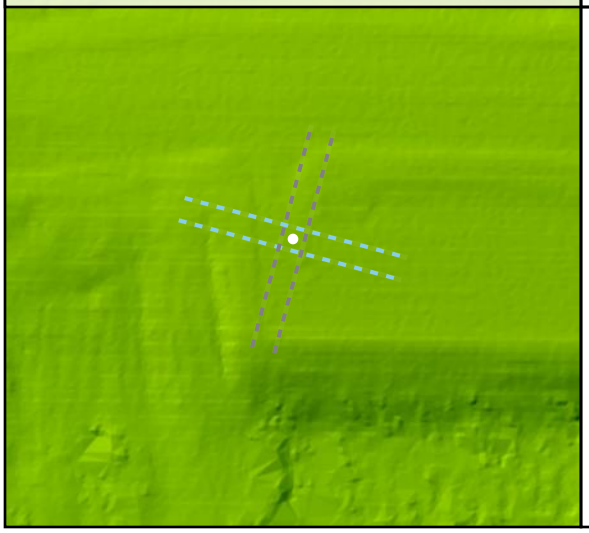
Southeast to Northwest



Intensity Raster

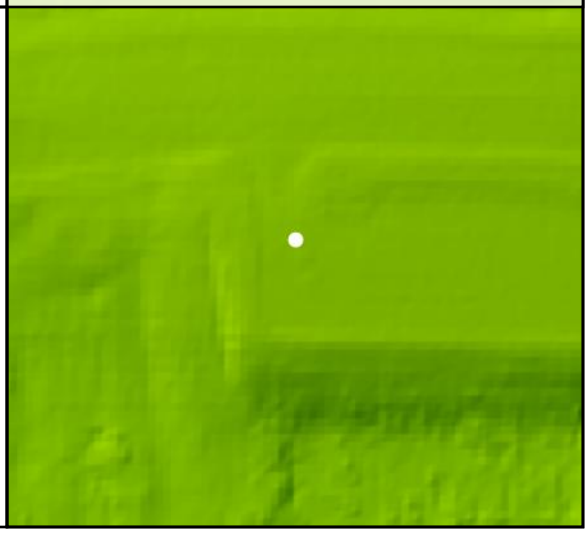


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

NVA - UA30

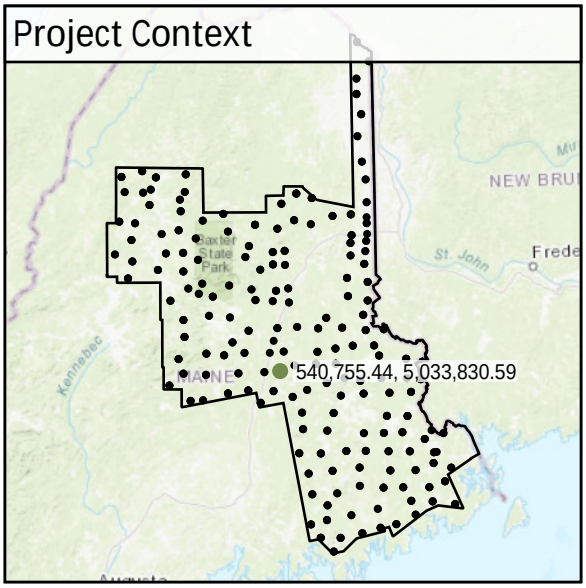
All Points TIN Dz +0.96 m

FO41				
	Known Z	57.90 m	Point Density	2.30 ppsm
	DEM Dz	10.25 m	Ground Density	2.30 ppsm
	All Points TIN Dz	N/A	Slope	6.84 °

DEM Dz +10.25 m

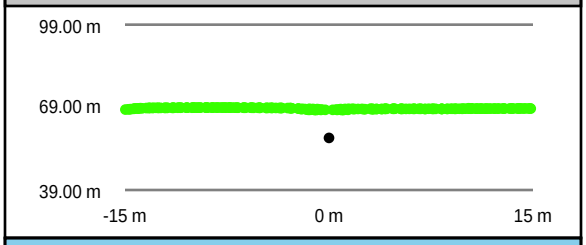
VVA - FO41

Project Context

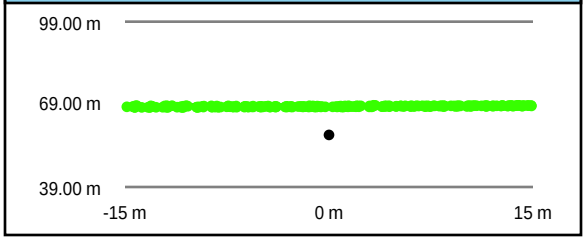


World Imagery

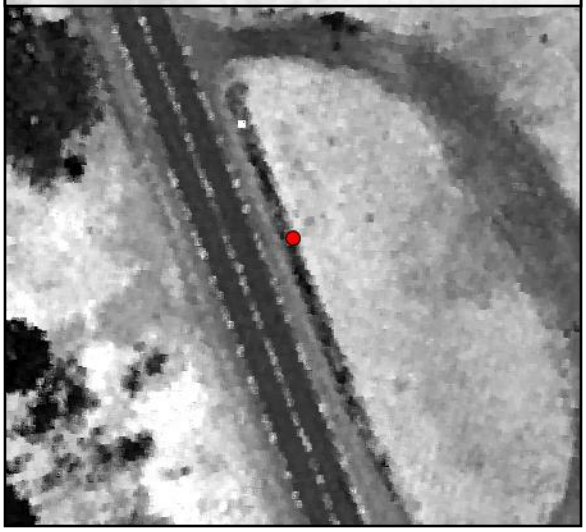
Southwest to Northeast



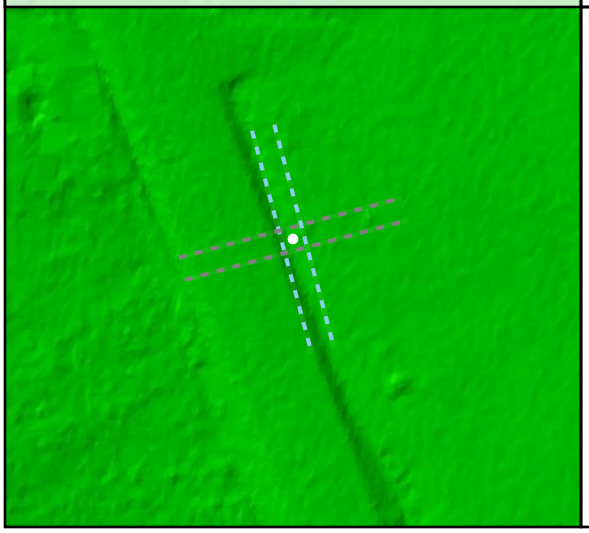
Southeast to Northwest

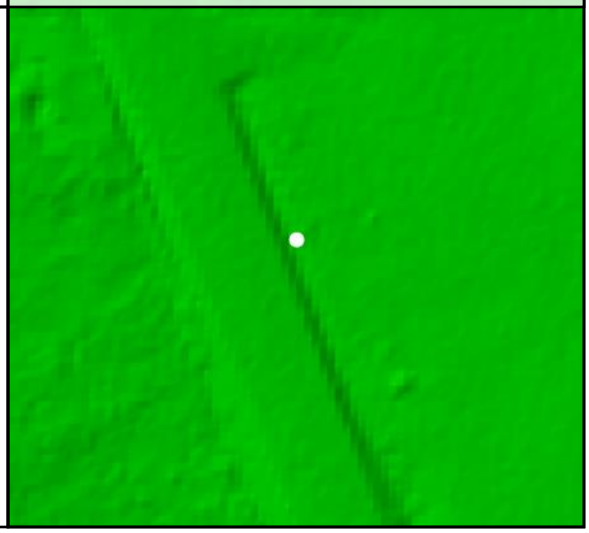


Intensity Raster



TIN Surface



Project Elevation

DEM Surface