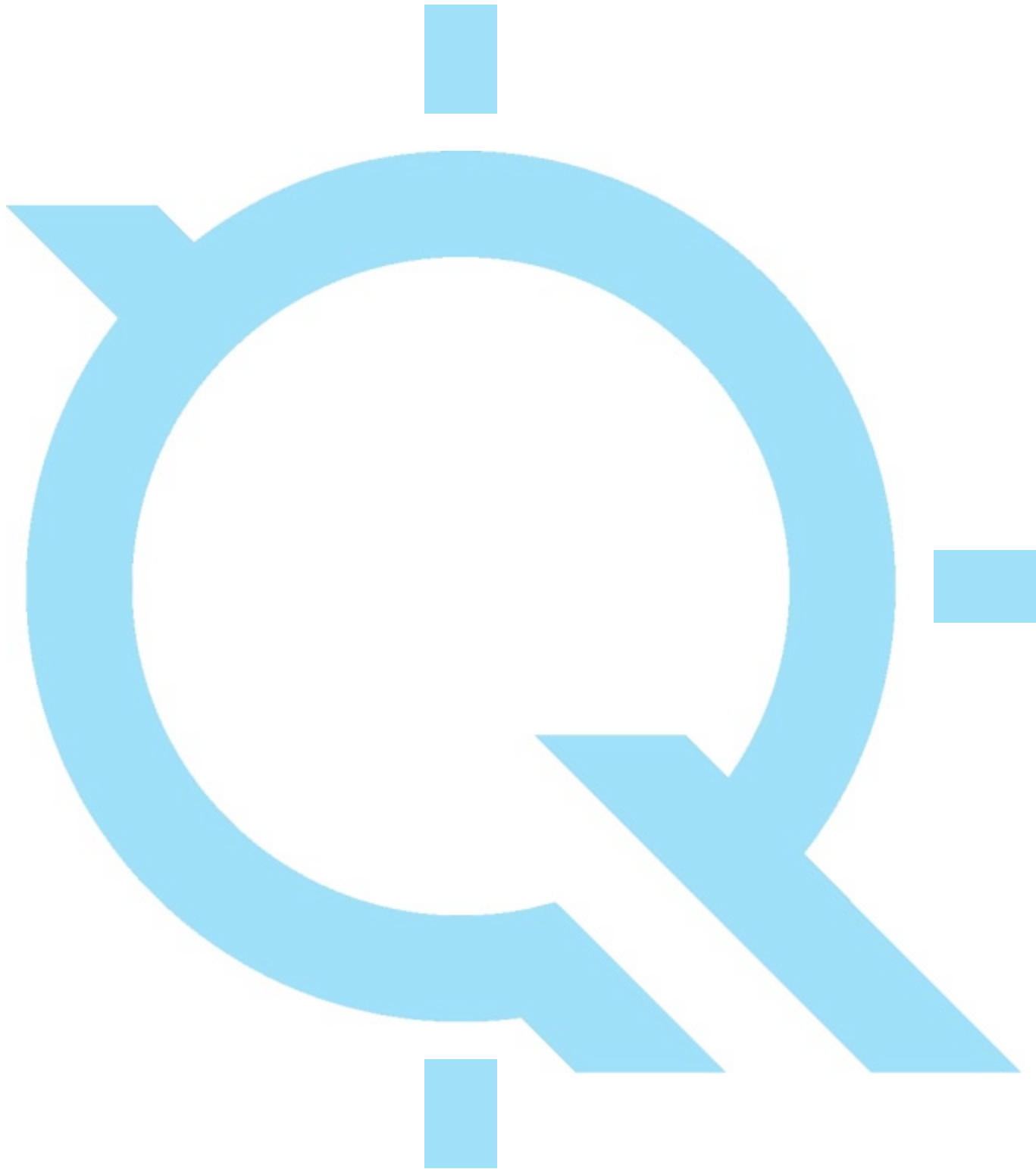


# FOCUS on Accuracy



USGS VT/CT River Basin FOCUS on Accuracy  
LiDAR Accuracy Assessment



Powered by Quantum Spatial

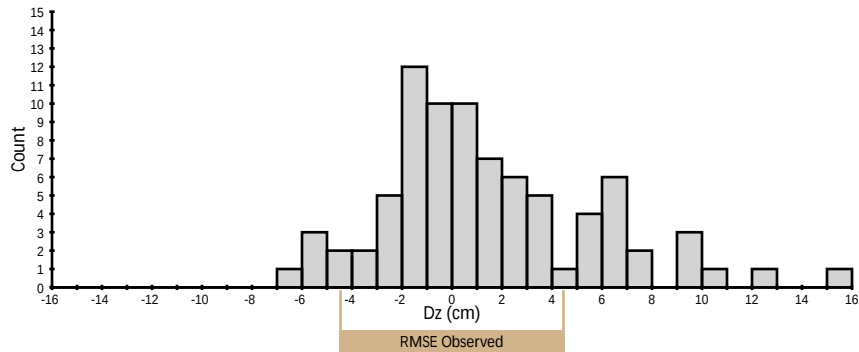
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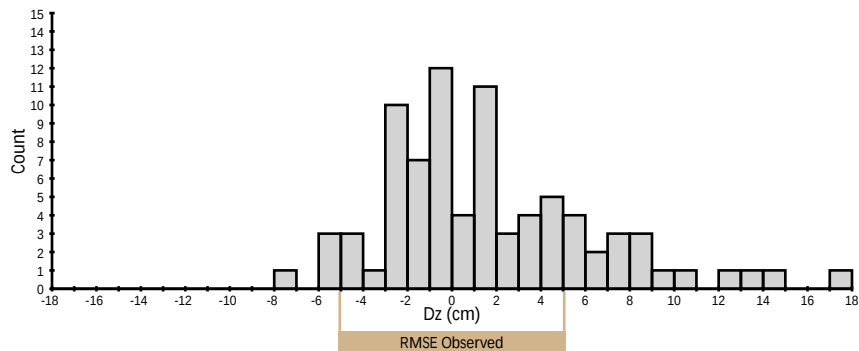
# Project Summary

## Nonvegetated Vertical Accuracy Swath



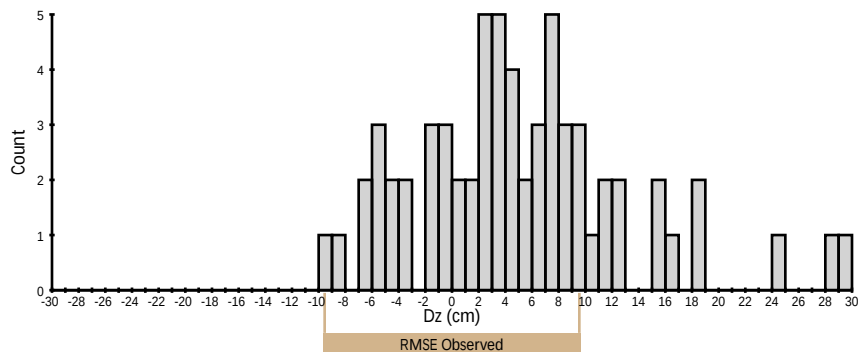
|                      | Observed | Required |
|----------------------|----------|----------|
| RMSE                 | 4.51 cm  | 10.00 cm |
| 95% Confidence Level | 8.84 cm  | 19.60 cm |
| Mean                 | 1.49 cm  | N/A      |
| Count                | 82       | N/A      |

## Nonvegetated Vertical Accuracy DEM



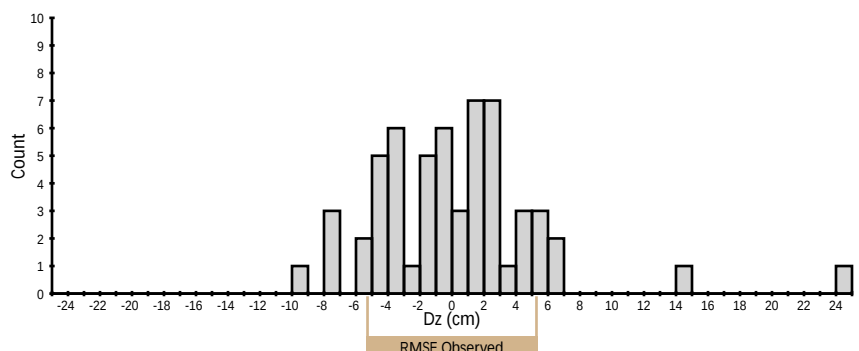
|                      | Observed | Required |
|----------------------|----------|----------|
| RMSE                 | 5.11 cm  | N/A      |
| 95% Confidence Level | 10.01 cm | 19.60 cm |
| Mean                 | 1.70 cm  | N/A      |
| Count                | 82       | N/A      |

## Vegetated Vertical Accuracy



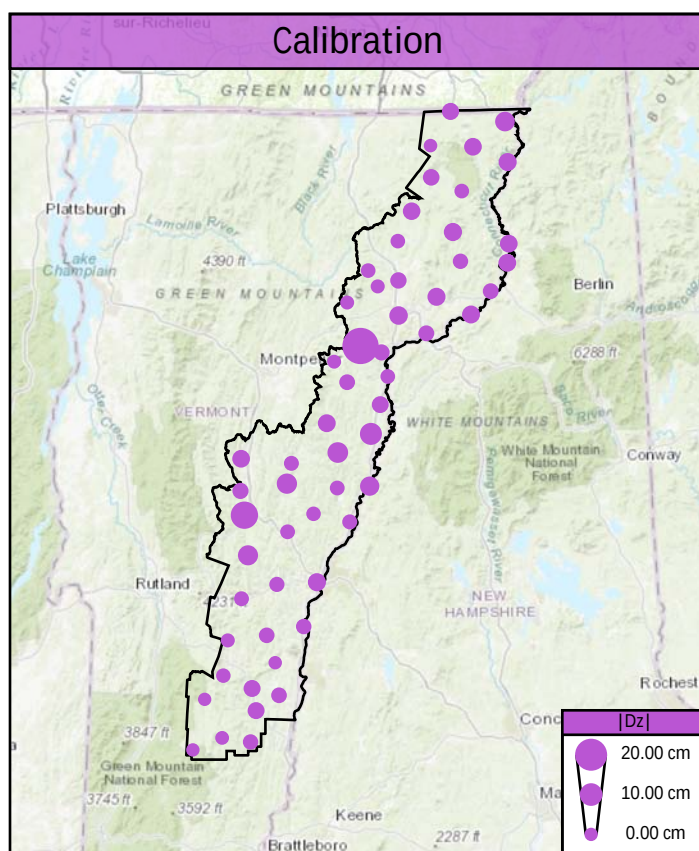
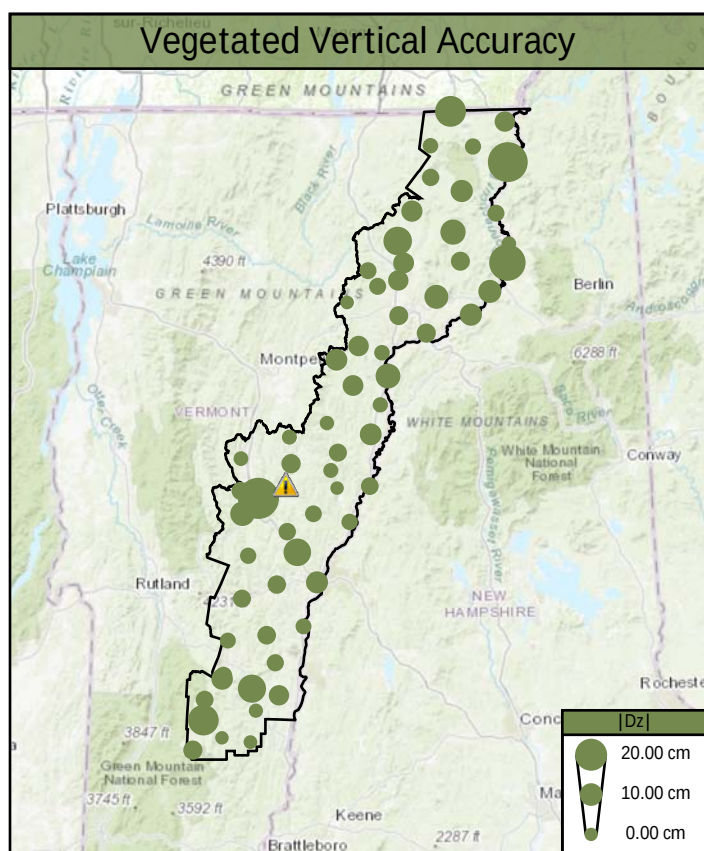
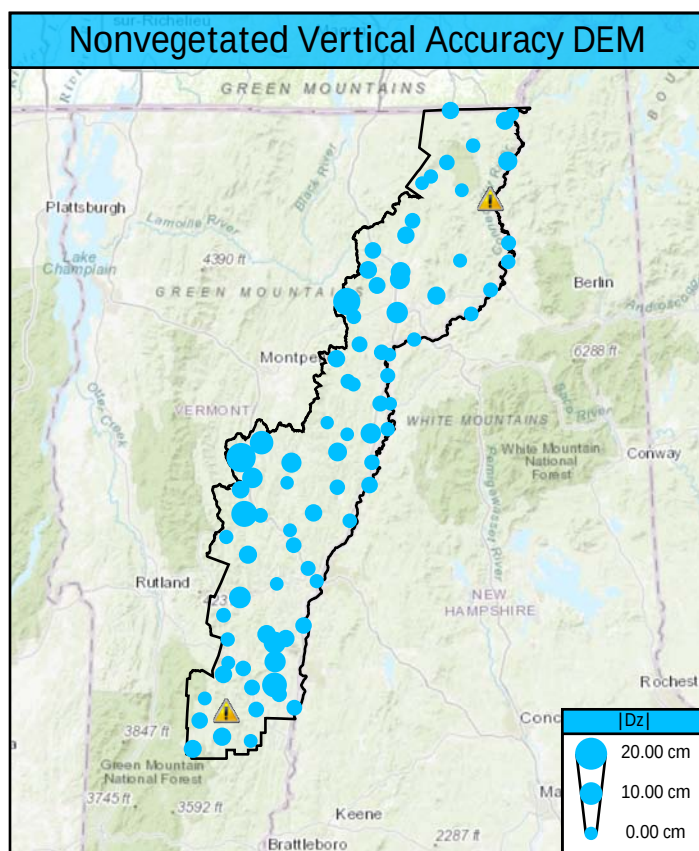
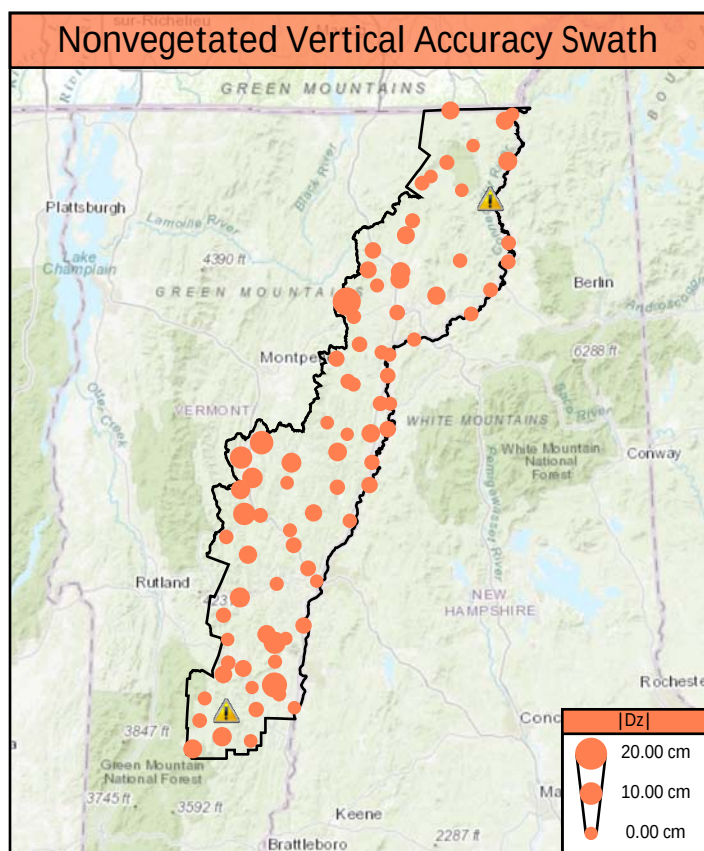
|                 | Observed | Required |
|-----------------|----------|----------|
| RMSE            | 9.65 cm  | N/A      |
| 95th Percentile | 18.72 cm | 29.40 cm |
| Mean            | 5.20 cm  | N/A      |
| Count           | 64       | N/A      |

## Calibration



|       | Observed | Required |
|-------|----------|----------|
| RMSE  | 5.36 cm  | N/A      |
| Mean  | 0.23 cm  | N/A      |
| Count | 57       | N/A      |

# Control Point Locations



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

## Control Point Breakdown

| Point | Type | Raw TIN Dz | DEM Dz   | Ground Density | Nearest Ground | Slope |
|-------|------|------------|----------|----------------|----------------|-------|
| BE01  | NVA  | 0.43 cm    | -0.58 cm | 2.09 ppsm      | 0.15 m         | 0.97° |
| BE02  | NVA  | -0.76 cm   | -0.58 cm | 1.84 ppsm      | 0.40 m         | 1.54° |
| BE03  | NVA  | -1.01 cm   | -2.38 cm | 1.98 ppsm      | 0.19 m         | 1.44° |
| BE04  | NVA  | -4.71 cm   | -4.53 cm | 2.09 ppsm      | 0.16 m         | 4.73° |
| BE05  | NVA  | -0.23 cm   | 1.10 cm  | 1.84 ppsm      | 0.52 m         | 2.07° |
| BE06  | NVA  | 1.29 cm    | 1.02 cm  | 1.77 ppsm      | 0.39 m         | 4.12° |
| BE07  | NVA  | -5.32 cm   | -5.19 cm | 2.05 ppsm      | 0.47 m         | 3.20° |
| BE08  | NVA  | -0.89 cm   | -0.40 cm | 2.05 ppsm      | 0.04 m         | 0.91° |
| BE09  | NVA  | 9.79 cm    | 13.59 cm | 1.63 ppsm      | 0.23 m         | 0.89° |
| BE10  | NVA  | 1.13 cm    | 1.32 cm  | 1.80 ppsm      | 0.10 m         | 2.61° |
| BE11  | NVA  | 6.29 cm    | 4.65 cm  | 1.84 ppsm      | 0.54 m         | 3.37° |
| BE12  | NVA  | 6.97 cm    | 7.27 cm  | 1.84 ppsm      | 0.09 m         | 1.90° |
| BE13  | NVA  | 9.64 cm    | 17.09 cm | 1.95 ppsm      | 0.54 m         | 0.54° |
| BE15  | NVA  | 0.35 cm    | 0.17 cm  | 2.16 ppsm      | 0.36 m         | 1.82° |
| BE16  | NVA  | -2.24 cm   | -2.29 cm | 1.91 ppsm      | 0.30 m         | 2.21° |
| BE17  | NVA  | 3.34 cm    | 3.50 cm  | 1.70 ppsm      | 0.33 m         | 0.99° |
| BE18  | NVA  | -5.75 cm   | -5.90 cm | 2.02 ppsm      | 0.31 m         | 1.36° |
| BE19  | NVA  | -0.39 cm   | -0.03 cm | 1.80 ppsm      | 0.18 m         | 1.21° |
| BE20  | NVA  | -5.60 cm   | -7.52 cm | 1.87 ppsm      | 0.49 m         | 4.22° |
| BE21  | NVA  | -2.11 cm   | -2.86 cm | 2.48 ppsm      | 0.09 m         | 3.94° |
| BE22  | NVA  | -2.02 cm   | -1.78 cm | 2.16 ppsm      | 0.18 m         | 1.91° |
| BE23  | NVA  | 2.44 cm    | 1.87 cm  | 1.95 ppsm      | 0.33 m         | 0.93° |
| BE24  | NVA  | 3.00 cm    | 4.35 cm  | 1.91 ppsm      | 0.38 m         | 2.10° |
| BE25  | NVA  | 2.45 cm    | 2.77 cm  | 2.16 ppsm      | 0.29 m         | 0.29° |
| BE26  | NVA  | -1.15 cm   | -2.42 cm | 1.70 ppsm      | 0.47 m         | 1.67° |
| BE27  | NVA  | 15.87 cm   | 14.83 cm | 2.19 ppsm      | 0.34 m         | 0.59° |

## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| BE28  | NVA  | 6.06 cm  | 7.17 cm  | 2.30 ppsm      | 0.45 m         | 1.78° |
| BE29  | NVA  | 5.35 cm  | 5.23 cm  | 1.98 ppsm      | 0.58 m         | 1.55° |
| BE30  | NVA  | -1.58 cm | -1.56 cm | 1.87 ppsm      | 0.46 m         | 2.59° |
| BE31  | NVA  | 3.99 cm  | 4.74 cm  | 1.98 ppsm      | 0.28 m         | 4.82° |
| BE32  | NVA  | 0.82 cm  | 3.80 cm  | 2.16 ppsm      | 0.57 m         | 2.04° |
| BE33  | NVA  | 1.33 cm  | 0.78 cm  | 2.12 ppsm      | 0.15 m         | 2.09° |
| BE34  | NVA  | -1.65 cm | -1.30 cm | 1.91 ppsm      | 0.43 m         | 1.89° |
| BE35  | NVA  | 1.66 cm  | 1.75 cm  | 1.70 ppsm      | 0.32 m         | 1.73° |
| BE36  | NVA  | -1.53 cm | -1.80 cm | 1.84 ppsm      | 0.21 m         | 3.24° |
| BE37  | NVA  | -0.38 cm | -0.59 cm | 1.80 ppsm      | 0.39 m         | 2.87° |
| BE38  | NVA  | 6.03 cm  | 6.26 cm  | 2.05 ppsm      | 0.23 m         | 3.73° |
| BE39  | NVA  | -0.26 cm | -1.28 cm | 2.30 ppsm      | 0.51 m         | 3.83° |
| BE40  | NVA  | 5.11 cm  | 4.34 cm  | 1.66 ppsm      | 0.15 m         | 1.33° |
| BE41  | NVA  | 9.43 cm  | 9.45 cm  | 1.98 ppsm      | 0.39 m         | 1.43° |
| BE42  | NVA  | 6.04 cm  | 5.02 cm  | 1.84 ppsm      | 0.42 m         | 1.77° |
| BE43  | NVA  | -1.78 cm | -2.49 cm | 2.37 ppsm      | 0.22 m         | 1.94° |
| BE44  | NVA  | -1.07 cm | -1.19 cm | 2.09 ppsm      | 0.31 m         | 2.31° |
| BE45  | NVA  | 10.90 cm | 10.93 cm | 1.95 ppsm      | 0.38 m         | 1.98° |
| BE46  | NVA  | 1.62 cm  | 0.47 cm  | 1.84 ppsm      | 0.55 m         | 2.53° |
| BE47  | NVA  | -2.73 cm | -2.55 cm | 1.95 ppsm      | 0.38 m         | 2.11° |
| BE48  | NVA  | -1.84 cm | -2.36 cm | 2.26 ppsm      | 0.26 m         | 2.76° |
| BE49  | NVA  | 5.23 cm  | 5.03 cm  | 2.37 ppsm      | 0.25 m         | 0.78° |
| BE50  | NVA  | 1.02 cm  | 1.10 cm  | 1.87 ppsm      | 0.08 m         | 0.46° |
| UA01  | NVA  | -6.47 cm | -5.34 cm | 2.12 ppsm      | 0.20 m         | 5.29° |
| UA02  | NVA  | -2.26 cm | -2.59 cm | 2.16 ppsm      | 0.40 m         | 0.90° |
| UA03  | NVA  | 0.85 cm  | 8.45 cm  | 2.09 ppsm      | 0.45 m         | 2.10° |

## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| UA04  | NVA  | -0.05 cm | -2.74 cm | 1.91 ppsm      | 0.32 m         | 1.11° |
| UA05  | NVA  | 5.64 cm  | 5.68 cm  | 1.98 ppsm      | 0.24 m         | 4.83° |
| UA06  | NVA  | -0.10 cm | -0.95 cm | 1.63 ppsm      | 0.26 m         | 0.83° |
| UA07  | NVA  | -0.71 cm | -0.53 cm | 1.77 ppsm      | 0.37 m         | 2.75° |
| UA08  | NVA  | -4.32 cm | -4.42 cm | 2.16 ppsm      | 0.07 m         | 0.82° |
| UA09  | NVA  | 0.44 cm  | 1.12 cm  | 1.84 ppsm      | 0.48 m         | 1.90° |
| UA10  | NVA  | -1.77 cm | -1.66 cm | 1.73 ppsm      | 0.12 m         | 0.88° |
| UA11  | NVA  | 2.15 cm  | 2.25 cm  | 1.59 ppsm      | 0.50 m         | 2.31° |
| UA12  | NVA  | 0.59 cm  | -0.15 cm | 1.87 ppsm      | 0.28 m         | 2.43° |
| UA13  | NVA  | 0.94 cm  | 0.33 cm  | 1.77 ppsm      | 0.67 m         | 4.17° |
| UA14  | NVA  | 2.48 cm  | 8.68 cm  | 1.56 ppsm      | 0.65 m         | 1.58° |
| UA15  | NVA  | 6.56 cm  | 6.82 cm  | 1.91 ppsm      | 0.55 m         | 1.54° |
| UA16  | NVA  | 0.66 cm  | -0.33 cm | 1.70 ppsm      | 0.41 m         | 0.32° |
| UA17  | NVA  | 1.50 cm  | 1.63 cm  | 2.23 ppsm      | 0.23 m         | 1.44° |
| UA18  | NVA  | -1.48 cm | -0.62 cm | 2.02 ppsm      | 0.11 m         | 0.30° |
| UA19  | NVA  | -1.57 cm | -3.42 cm | 1.77 ppsm      | 0.65 m         | 2.18° |
| UA20  | NVA  | 0.12 cm  | 2.63 cm  | 1.84 ppsm      | 0.43 m         | 1.38° |
| UA21  | NVA  | 7.24 cm  | 8.99 cm  | 1.80 ppsm      | 0.58 m         | 2.21° |
| UA22  | NVA  | 0.20 cm  | -4.36 cm | 1.91 ppsm      | 0.47 m         | 0.97° |
| UA23  | NVA  | -3.93 cm | -2.48 cm | 2.33 ppsm      | 0.42 m         | 0.71° |
| UA24  | NVA  | 2.20 cm  | 1.57 cm  | 2.33 ppsm      | 0.33 m         | 2.00° |
| UA25  | NVA  | 7.79 cm  | 7.75 cm  | 1.98 ppsm      | 0.46 m         | 1.27° |
| UA26  | NVA  | -3.36 cm | 1.14 cm  | 1.80 ppsm      | 0.59 m         | 0.81° |
| UA28  | NVA  | -1.09 cm | -0.92 cm | 1.52 ppsm      | 0.33 m         | 2.46° |
| UA29  | NVA  | -0.04 cm | -0.35 cm | 1.70 ppsm      | 0.16 m         | 2.55° |
| UA30  | NVA  | 3.35 cm  | 3.49 cm  | 1.63 ppsm      | 0.04 m         | 0.53° |

## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| UA31  | NVA  | 2.73 cm  | 1.87 cm  | 2.02 ppsm      | 0.14 m         | 1.64° |
| UA32  | NVA  | 12.59 cm | 12.26 cm | 2.05 ppsm      | 0.04 m         | 1.68° |
| UA33  | NVA  | 4.97 cm  | 4.33 cm  | 2.02 ppsm      | 0.56 m         | 1.31° |
| UA34  | NVA  | 3.46 cm  | 3.55 cm  | 1.87 ppsm      | 0.05 m         | 1.69° |
| FO01  | VVA  | N/A      | -6.26 cm | 0.18 ppsm      | 0.95 m         | 5.82° |
| FO02  | VVA  | N/A      | 0.42 cm  | 1.87 ppsm      | 0.43 m         | 1.45° |
| FO03  | VVA  | N/A      | -0.13 cm | 2.16 ppsm      | 0.42 m         | 9.42° |
| FO04  | VVA  | N/A      | -4.79 cm | 1.73 ppsm      | 0.31 m         | 2.90° |
| FO05  | VVA  | N/A      | 0.93 cm  | 2.19 ppsm      | 0.17 m         | 4.07° |
| FO07  | VVA  | N/A      | 7.51 cm  | 0.32 ppsm      | 0.65 m         | 4.50° |
| FO08  | VVA  | N/A      | -4.34 cm | 1.98 ppsm      | 0.33 m         | 2.21° |
| FO09  | VVA  | N/A      | 4.14 cm  | 1.77 ppsm      | 0.56 m         | 4.64° |
| FO10  | VVA  | N/A      | 2.79 cm  | 1.70 ppsm      | 0.06 m         | 2.85° |
| FO11  | VVA  | N/A      | -5.70 cm | 0.74 ppsm      | 0.84 m         | 7.16° |
| FO12  | VVA  | N/A      | 2.81 cm  | 1.49 ppsm      | 0.44 m         | 3.49° |
| FO13  | VVA  | N/A      | 5.03 cm  | 1.84 ppsm      | 0.21 m         | 1.38° |
| FO14  | VVA  | N/A      | 9.26 cm  | 0.88 ppsm      | 0.09 m         | 2.06° |
| FO15  | VVA  | N/A      | -3.17 cm | 1.98 ppsm      | 0.38 m         | 3.28° |
| FO16  | VVA  | N/A      | 5.50 cm  | 2.02 ppsm      | 0.36 m         | 2.15° |
| FO17  | VVA  | N/A      | 11.92 cm | 1.84 ppsm      | 0.25 m         | 3.72° |
| FO18  | VVA  | N/A      | 4.41 cm  | 0.71 ppsm      | 0.80 m         | 6.56° |
| FO19  | VVA  | N/A      | 3.26 cm  | 1.66 ppsm      | 0.52 m         | 4.69° |
| FO20  | VVA  | N/A      | -3.71 cm | 1.98 ppsm      | 0.21 m         | 4.76° |
| FO21  | VVA  | N/A      | -5.23 cm | 0.64 ppsm      | 0.70 m         | 5.03° |
| FO22  | VVA  | N/A      | 6.37 cm  | 1.13 ppsm      | 0.52 m         | 1.95° |
| FO23  | VVA  | N/A      | 1.52 cm  | 1.73 ppsm      | 0.18 m         | 2.95° |

## Control Point Breakdown Continued

| Point | Type | Dz TIN | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|--------|----------|----------------|----------------|-------|
| FO25  | VVA  | N/A    | -0.16 cm | 1.77 ppsm      | 0.36 m         | 7.40° |
| FO26  | VVA  | N/A    | 4.71 cm  | 0.92 ppsm      | 0.51 m         | 2.19° |
| FO27  | VVA  | N/A    | -5.03 cm | 1.45 ppsm      | 0.19 m         | 8.83° |
| FO28  | VVA  | N/A    | -1.16 cm | 1.34 ppsm      | 0.38 m         | 5.33° |
| FO29  | VVA  | N/A    | -9.12 cm | 1.84 ppsm      | 0.51 m         | 6.83° |
| FO30  | VVA  | N/A    | 2.09 cm  | 1.91 ppsm      | 0.59 m         | 3.96° |
| FO31  | VVA  | N/A    | 12.30 cm | 0.81 ppsm      | 0.37 m         | 2.76° |
| FO32  | VVA  | N/A    | 9.00 cm  | 1.03 ppsm      | 0.38 m         | 5.14° |
| FO33  | VVA  | N/A    | 7.61 cm  | 1.66 ppsm      | 0.47 m         | 8.01° |
| FO34  | VVA  | N/A    | 2.40 cm  | 1.66 ppsm      | 0.20 m         | 2.62° |
| FO35  | VVA  | N/A    | 6.23 cm  | 0.95 ppsm      | 0.44 m         | 5.72° |
| FO36  | VVA  | N/A    | -6.03 cm | 1.80 ppsm      | 0.43 m         | 5.21° |
| FO37  | VVA  | N/A    | -0.31 cm | 0.85 ppsm      | 0.46 m         | 7.36° |
| FO38  | VVA  | N/A    | 7.55 cm  | 0.74 ppsm      | 0.47 m         | 4.13° |
| FO39  | VVA  | N/A    | 11.38 cm | 1.31 ppsm      | 0.54 m         | 5.39° |
| FO40  | VVA  | N/A    | 9.44 cm  | 0.67 ppsm      | 0.32 m         | 1.20° |
| FO41  | VVA  | N/A    | 3.86 cm  | 1.10 ppsm      | 0.37 m         | 4.75° |
| FO42  | VVA  | N/A    | 16.27 cm | 1.41 ppsm      | 0.61 m         | 3.75° |
| FO43  | VVA  | N/A    | 6.07 cm  | 1.52 ppsm      | 0.34 m         | 6.30° |
| FO44  | VVA  | N/A    | 24.72 cm | 0.00 ppsm      | 3.13 m         | 1.90° |
| FO45  | VVA  | N/A    | 10.41 cm | 0.64 ppsm      | 0.25 m         | 1.90° |
| FO46  | VVA  | N/A    | 1.37 cm  | 0.46 ppsm      | 0.96 m         | 6.10° |
| FO47  | VVA  | N/A    | 12.71 cm | 1.84 ppsm      | 0.32 m         | 5.07° |
| FO48  | VVA  | N/A    | -8.46 cm | 0.32 ppsm      | 0.29 m         | 6.49° |
| FO49  | VVA  | N/A    | 4.33 cm  | 1.63 ppsm      | 0.29 m         | 3.70° |
| FO50  | VVA  | N/A    | 28.42 cm | 0.28 ppsm      | 0.74 m         | 1.68° |

## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| FO51  | VVA  | N/A      | 3.12 cm  | 2.02 ppsm      | 0.54 m         | 3.21° |
| FO52  | VVA  | N/A      | 2.31 cm  | 1.84 ppsm      | 0.29 m         | 2.74° |
| FO53  | VVA  | N/A      | 18.75 cm | 0.04 ppsm      | 1.58 m         | 7.21° |
| FO54  | VVA  | N/A      | 7.49 cm  | 1.38 ppsm      | 0.30 m         | 4.47° |
| FO55  | VVA  | N/A      | -1.75 cm | 0.95 ppsm      | 0.43 m         | 5.46° |
| FO56  | VVA  | N/A      | 3.92 cm  | 0.25 ppsm      | 1.86 m         | 4.05° |
| SH01  | VVA  | N/A      | 15.86 cm | 1.63 ppsm      | 0.63 m         | 2.28° |
| SH02  | VVA  | N/A      | 7.98 cm  | 1.56 ppsm      | 0.34 m         | 1.69° |
| SH03  | VVA  | N/A      | 9.54 cm  | 1.52 ppsm      | 0.50 m         | 4.47° |
| TW01  | VVA  | N/A      | 8.66 cm  | 1.77 ppsm      | 0.43 m         | 5.63° |
| TW02  | VVA  | N/A      | 3.94 cm  | 1.73 ppsm      | 0.32 m         | 5.88° |
| TW03  | VVA  | N/A      | 18.53 cm | 1.31 ppsm      | 0.32 m         | 3.15° |
| TW04  | VVA  | N/A      | 15.22 cm | 1.77 ppsm      | 0.72 m         | 2.16° |
| TW05  | VVA  | N/A      | -1.77 cm | 1.70 ppsm      | 0.29 m         | 0.83° |
| TW06  | VVA  | N/A      | 8.07 cm  | 2.02 ppsm      | 0.23 m         | 2.23° |
| TW07  | VVA  | N/A      | 29.80 cm | 1.77 ppsm      | 0.43 m         | 3.40° |
| CA01  | CAL  | 0.05 cm  | 0.29 cm  | 1.41 ppsm      | 0.27 m         | 3.05° |
| CA02  | CAL  | -2.19 cm | 0.52 cm  | 1.95 ppsm      | 0.26 m         | 0.33° |
| CA03  | CAL  | -0.49 cm | -0.12 cm | 1.98 ppsm      | 0.13 m         | 5.86° |
| CA04  | CAL  | 0.00 cm  | -0.15 cm | 1.87 ppsm      | 0.21 m         | 4.06° |
| CA05  | CAL  | -3.87 cm | -0.54 cm | 2.16 ppsm      | 0.33 m         | 0.60° |
| CA06  | CAL  | 2.53 cm  | 1.27 cm  | 1.98 ppsm      | 0.36 m         | 4.67° |
| CA07  | CAL  | -1.26 cm | -1.47 cm | 2.23 ppsm      | 0.36 m         | 3.87° |
| CA08  | CAL  | 0.12 cm  | 0.60 cm  | 2.05 ppsm      | 0.14 m         | 0.34° |
| CA09  | CAL  | -3.91 cm | -2.22 cm | 1.95 ppsm      | 0.41 m         | 0.17° |
| CA10  | CAL  | -0.73 cm | 1.15 cm  | 1.80 ppsm      | 0.42 m         | 1.64° |



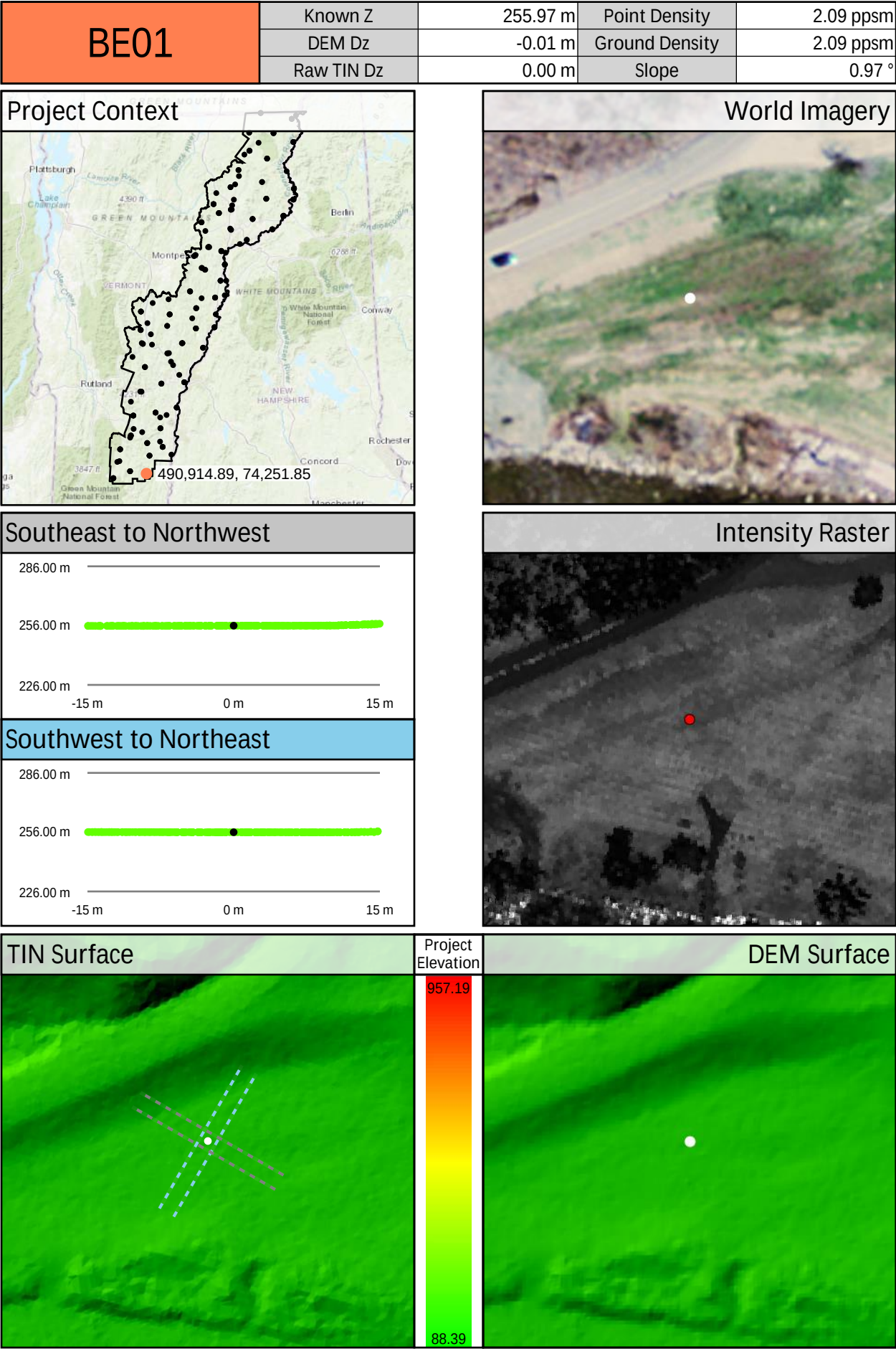
## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| CA11  | CAL  | 2.46 cm  | 2.40 cm  | 2.37 ppsm      | 0.48 m         | 2.16° |
| CA12  | CAL  | 2.33 cm  | 2.78 cm  | 1.80 ppsm      | 0.39 m         | 1.67° |
| CA13  | CAL  | -1.63 cm | -0.37 cm | 2.12 ppsm      | 0.28 m         | 0.38° |
| CA14  | CAL  | 5.08 cm  | 8.48 cm  | 1.73 ppsm      | 0.61 m         | 1.00° |
| CA15  | CAL  | -7.22 cm | -7.43 cm | 1.91 ppsm      | 0.24 m         | 1.67° |
| CA16  | CAL  | 1.99 cm  | 1.87 cm  | 2.02 ppsm      | 0.42 m         | 1.00° |
| CA17  | CAL  | 14.96 cm | 11.29 cm | 1.77 ppsm      | 0.43 m         | 0.73° |
| CA18  | CAL  | 1.55 cm  | 1.52 cm  | 1.98 ppsm      | 0.41 m         | 1.07° |
| CA19  | CAL  | 1.79 cm  | 3.55 cm  | 1.59 ppsm      | 0.52 m         | 4.20° |
| CA20  | CAL  | -1.31 cm | -1.61 cm | 2.23 ppsm      | 0.23 m         | 1.03° |
| CA21  | CAL  | 3.05 cm  | 2.83 cm  | 2.05 ppsm      | 0.18 m         | 0.96° |
| CA22  | CAL  | 1.76 cm  | 7.92 cm  | 1.73 ppsm      | 0.33 m         | 1.14° |
| CA23  | CAL  | 4.67 cm  | 7.73 cm  | 1.63 ppsm      | 0.61 m         | 2.69° |
| CA24  | CAL  | -7.43 cm | -7.19 cm | 1.91 ppsm      | 0.26 m         | 4.47° |
| CA25  | CAL  | -1.59 cm | -2.58 cm | 2.02 ppsm      | 0.11 m         | 5.51° |
| CA26  | CAL  | 6.35 cm  | 1.71 cm  | 1.73 ppsm      | 0.57 m         | 2.35° |
| CA27  | CAL  | -7.83 cm | -7.99 cm | 2.16 ppsm      | 0.24 m         | 3.62° |
| CA28  | CAL  | -4.82 cm | -4.74 cm | 1.98 ppsm      | 0.20 m         | 2.11° |
| CA29  | CAL  | -9.27 cm | -8.83 cm | 2.02 ppsm      | 0.30 m         | 4.55° |
| CA30  | CAL  | -3.77 cm | -4.20 cm | 2.51 ppsm      | 0.08 m         | 2.34° |
| CA31  | CAL  | 2.60 cm  | 1.32 cm  | 2.12 ppsm      | 0.61 m         | 1.87° |
| CA32  | CAL  | 1.43 cm  | 1.05 cm  | 2.09 ppsm      | 0.11 m         | 0.66° |
| CA33  | CAL  | -0.58 cm | 0.52 cm  | 1.91 ppsm      | 0.40 m         | 2.03° |
| CA34  | CAL  | 24.56 cm | -1.82 cm | 1.17 ppsm      | 0.68 m         | 1.15° |
| CA35  | CAL  | -3.06 cm | -3.45 cm | 1.70 ppsm      | 0.27 m         | 3.53° |
| CA36  | CAL  | 2.70 cm  | 2.73 cm  | 2.16 ppsm      | 0.38 m         | 0.15° |

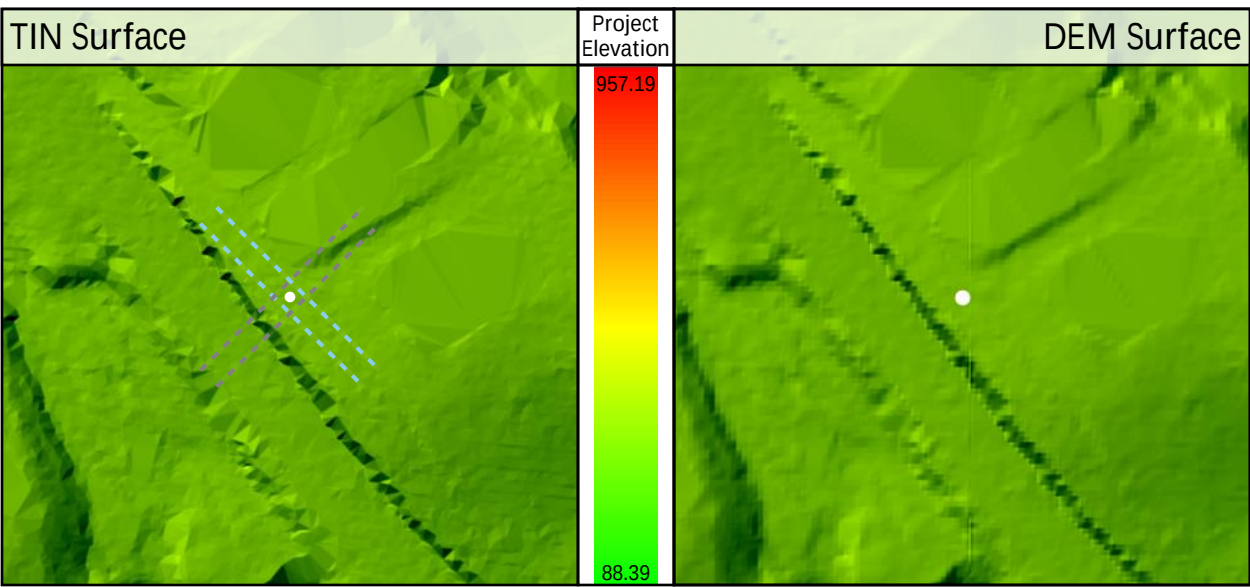
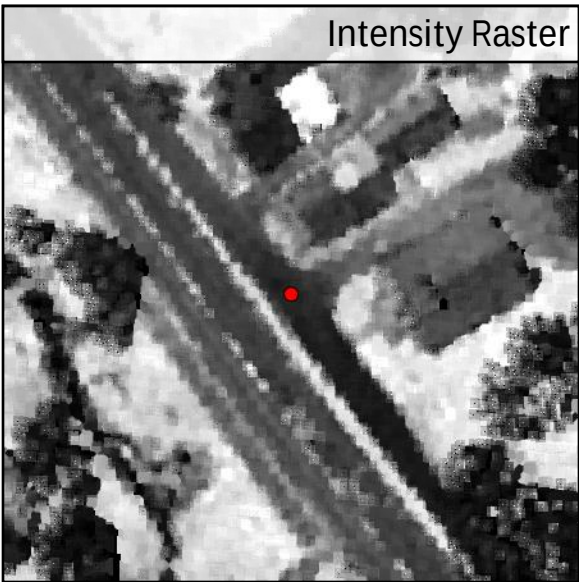
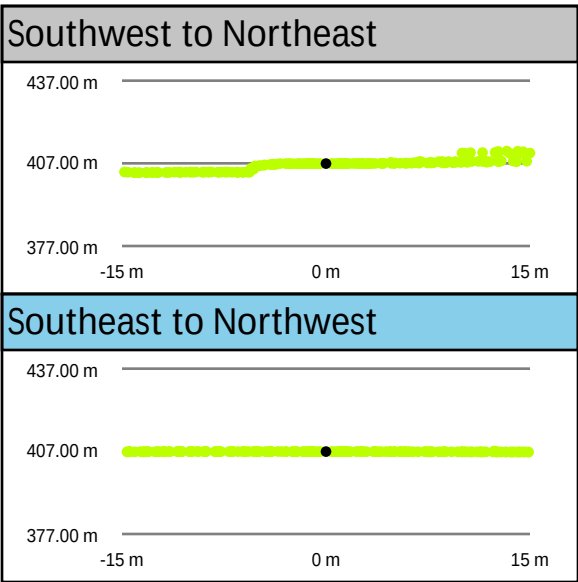
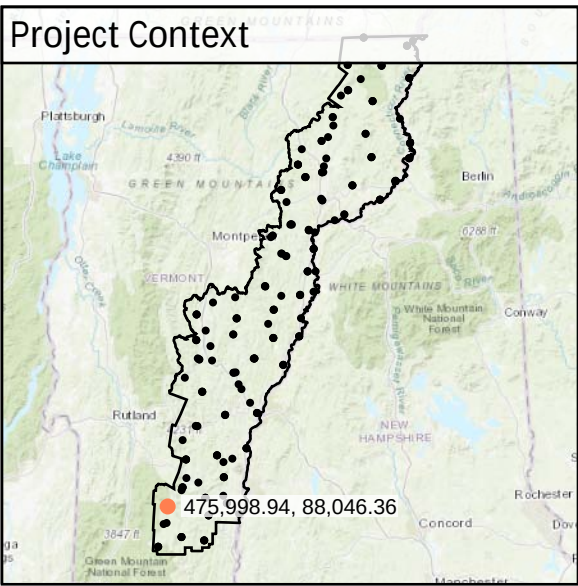
## Control Point Breakdown Continued

| Point | Type | Dz TIN   | Dz DEM   | Ground Density | Nearest Ground | Slope |
|-------|------|----------|----------|----------------|----------------|-------|
| CA37  | CAL  | -5.55 cm | -5.47 cm | 1.80 ppsm      | 0.51 m         | 4.10° |
| CA38  | CAL  | -0.67 cm | -0.91 cm | 2.02 ppsm      | 0.29 m         | 2.60° |
| CA39  | CAL  | -3.26 cm | -1.95 cm | 1.80 ppsm      | 0.19 m         | 2.39° |
| CA40  | CAL  | 5.07 cm  | 5.38 cm  | 2.09 ppsm      | 0.38 m         | 1.39° |
| CA41  | CAL  | -4.92 cm | -4.83 cm | 2.12 ppsm      | 0.20 m         | 2.12° |
| CA42  | CAL  | -1.39 cm | 1.18 cm  | 1.87 ppsm      | 0.38 m         | 2.65° |
| CA43  | CAL  | -0.77 cm | 2.32 cm  | 1.77 ppsm      | 0.28 m         | 4.27° |
| CA44  | CAL  | 1.36 cm  | 2.37 cm  | 2.16 ppsm      | 0.50 m         | 4.17° |
| CA45  | CAL  | 2.23 cm  | 4.34 cm  | 2.26 ppsm      | 0.47 m         | 0.92° |
| CA46  | CAL  | -4.74 cm | -4.32 cm | 1.77 ppsm      | 0.21 m         | 0.47° |
| CA47  | CAL  | 2.64 cm  | 2.75 cm  | 1.77 ppsm      | 0.39 m         | 0.51° |
| CA48  | CAL  | -4.64 cm | -4.63 cm | 1.77 ppsm      | 0.34 m         | 1.81° |
| CA49  | CAL  | 5.18 cm  | 7.96 cm  | 2.12 ppsm      | 0.35 m         | 3.10° |
| CA50  | CAL  | 4.51 cm  | 5.37 cm  | 1.98 ppsm      | 0.30 m         | 2.95° |
| CA51  | CAL  | -3.50 cm | -3.36 cm | 2.05 ppsm      | 0.21 m         | 2.74° |
| CA52  | CAL  | 1.46 cm  | -0.02 cm | 1.66 ppsm      | 0.46 m         | 0.40° |
| CA53  | CAL  | -5.09 cm | -5.41 cm | 1.98 ppsm      | 0.28 m         | 4.55° |
| CA54  | CAL  | -4.67 cm | -4.55 cm | 2.23 ppsm      | 0.05 m         | 1.22° |
| CA55  | CAL  | 0.24 cm  | 1.47 cm  | 1.98 ppsm      | 0.61 m         | 2.62° |
| CA56  | CAL  | 4.04 cm  | 3.55 cm  | 1.87 ppsm      | 0.45 m         | 0.44° |
| CA57  | CAL  | 6.70 cm  | 6.47 cm  | 2.05 ppsm      | 0.06 m         | 0.96° |

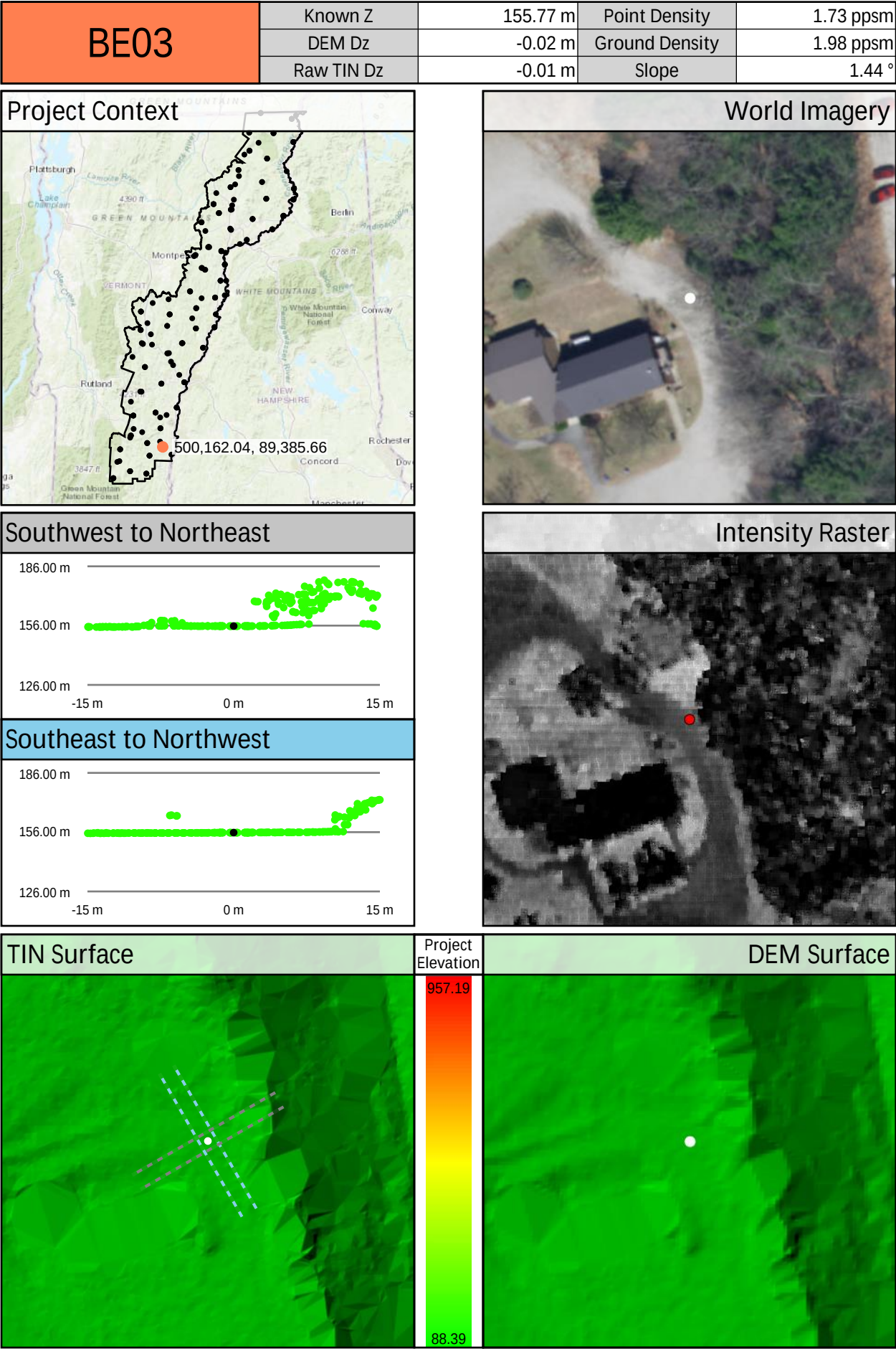
| Point                                  | Type | Raw TIN Dz | DEM Dz         | Ground Density | Nearest Ground | Slope          |
|----------------------------------------|------|------------|----------------|----------------|----------------|----------------|
| BE51                                   | NVA  | 60.50 cm   | -4.05 cm       | 1.95 ppsm      | 0.42 m         | 2.05°          |
| Comment: Car above point in LIDAR data |      |            |                |                |                |                |
| UA27                                   | NVA  | -1.39 cm   | Outside of AOI | 1.52 ppsm      | 0.09 m         | Outside of AOI |
| Comment: Outside of AOI                |      |            |                |                |                |                |
| FO24                                   | VVA  | N/A        | 1,084.85 cm    | 0.67 ppsm      | 0.84 m         | 35.40°         |
| Comment: Bad Point                     |      |            |                |                |                |                |

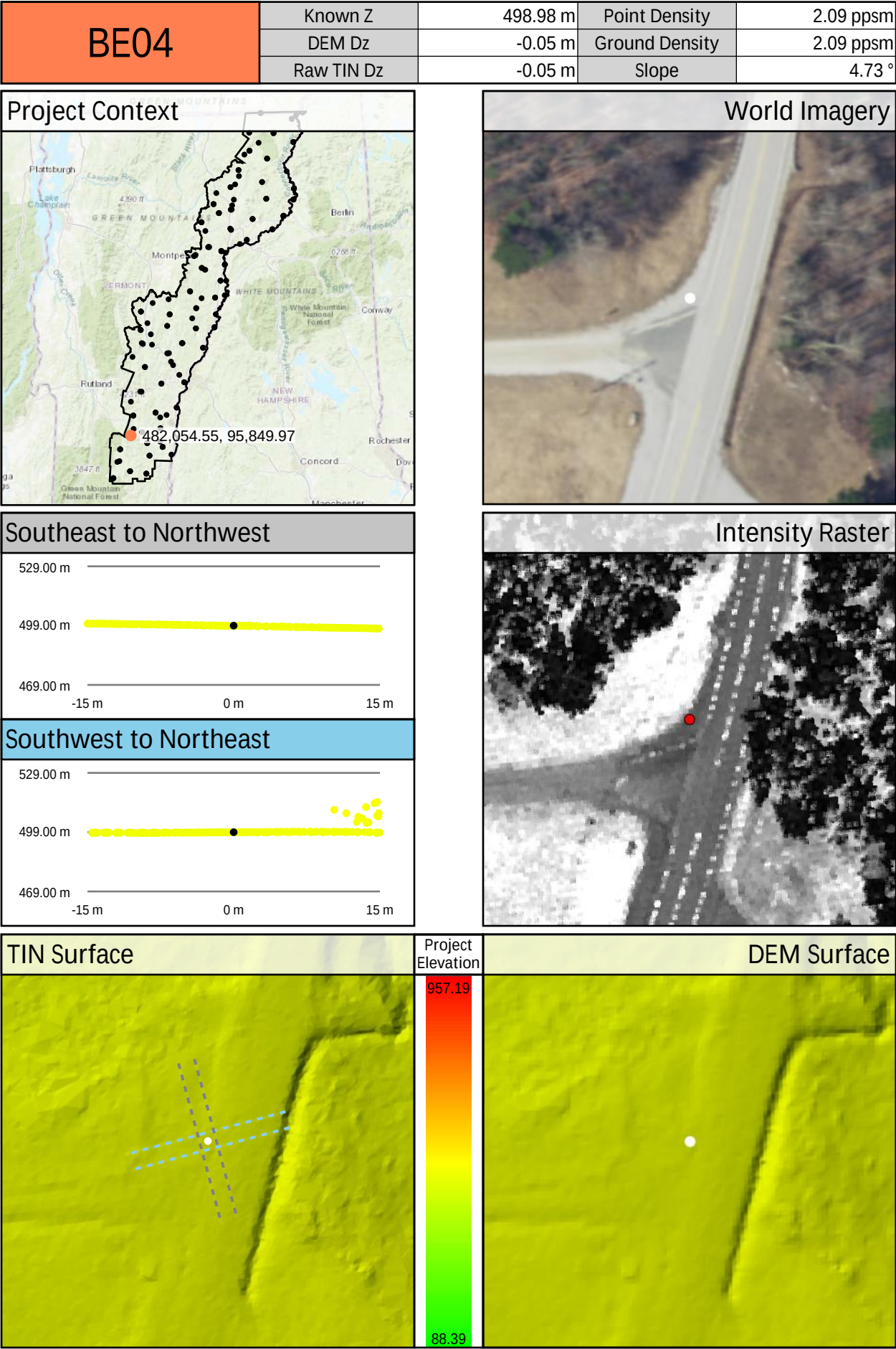


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE02 | Known Z    | 406.90 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 1.54 °    |



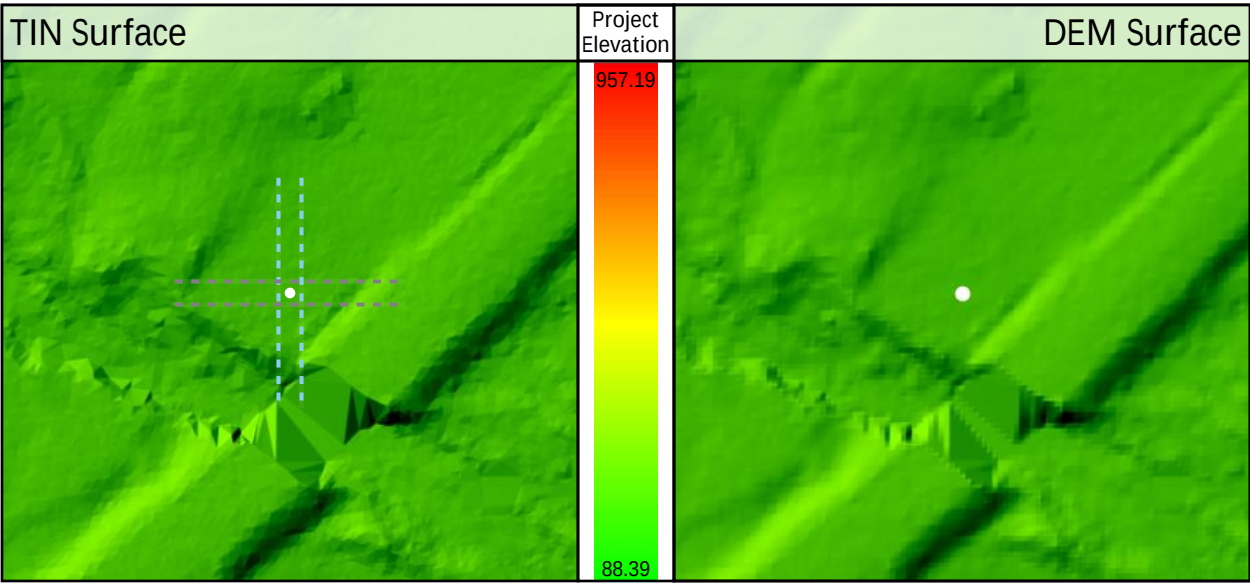
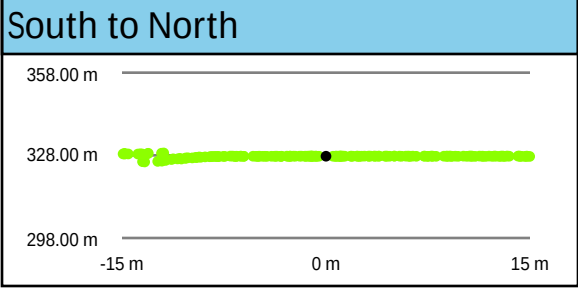
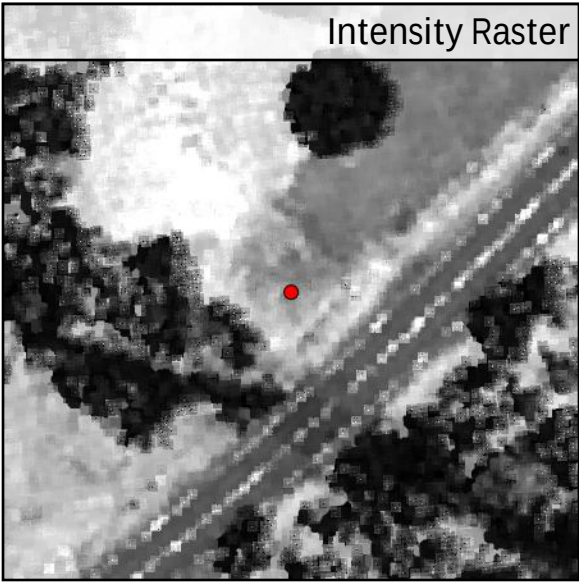
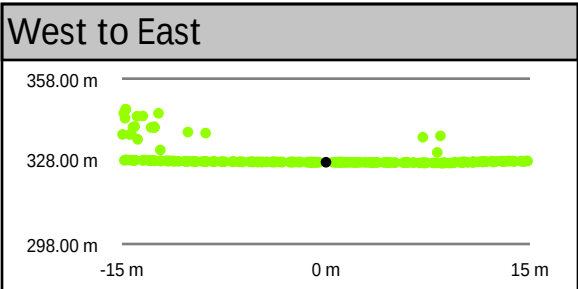
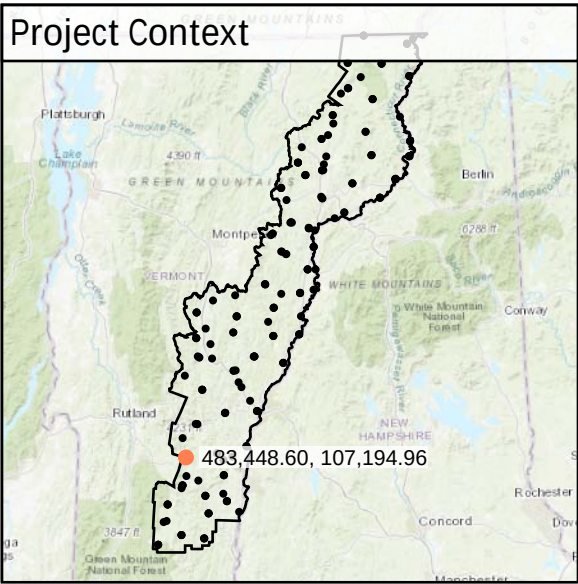




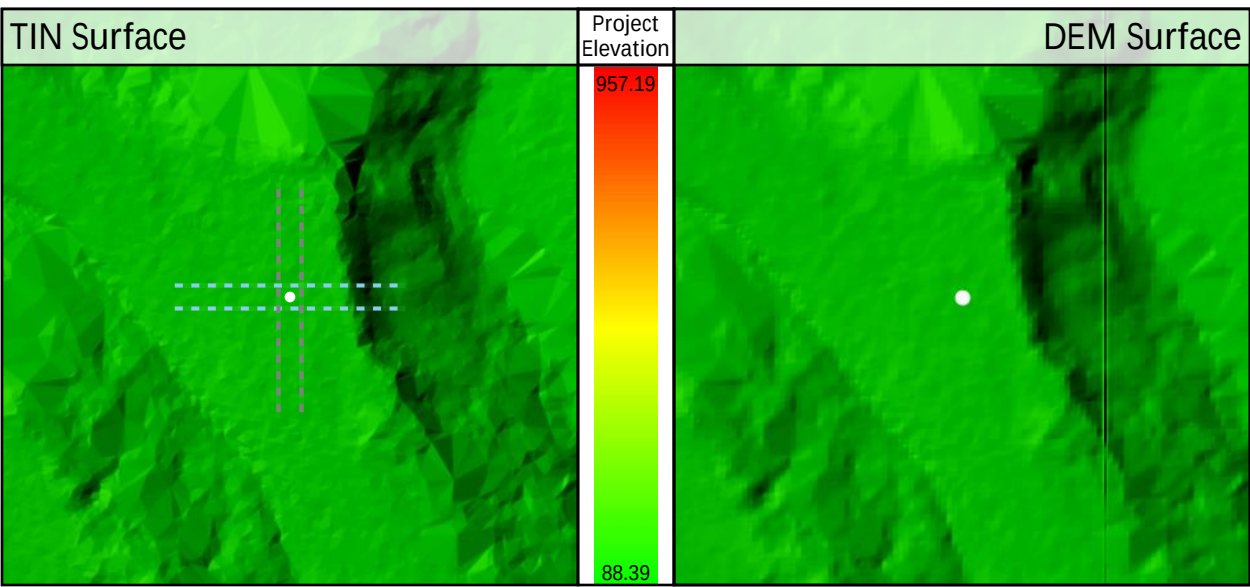
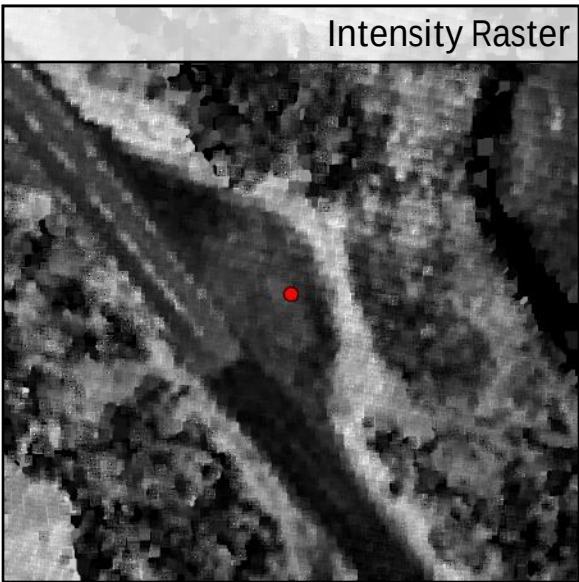
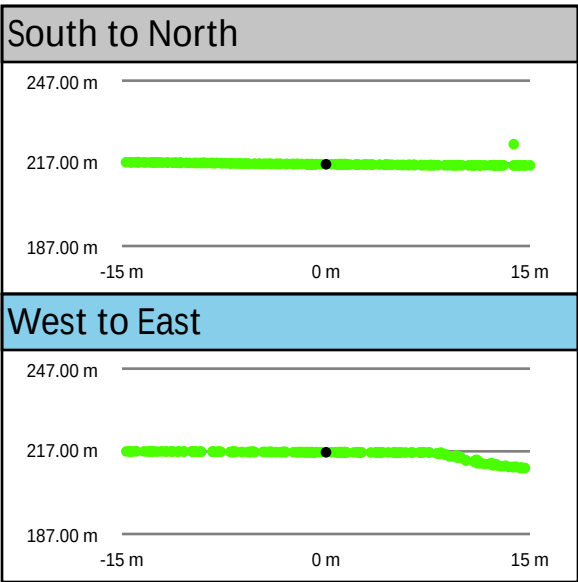
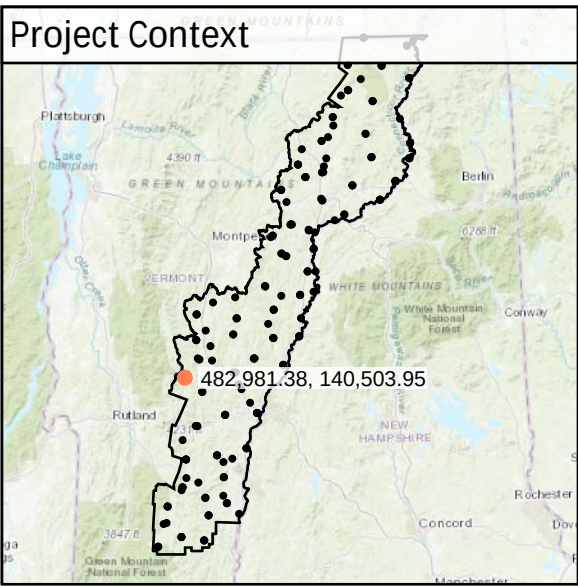




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE05 | Known Z    | 327.67 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 2.07 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE06 | Known Z    | 216.65 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 4.12 °    |

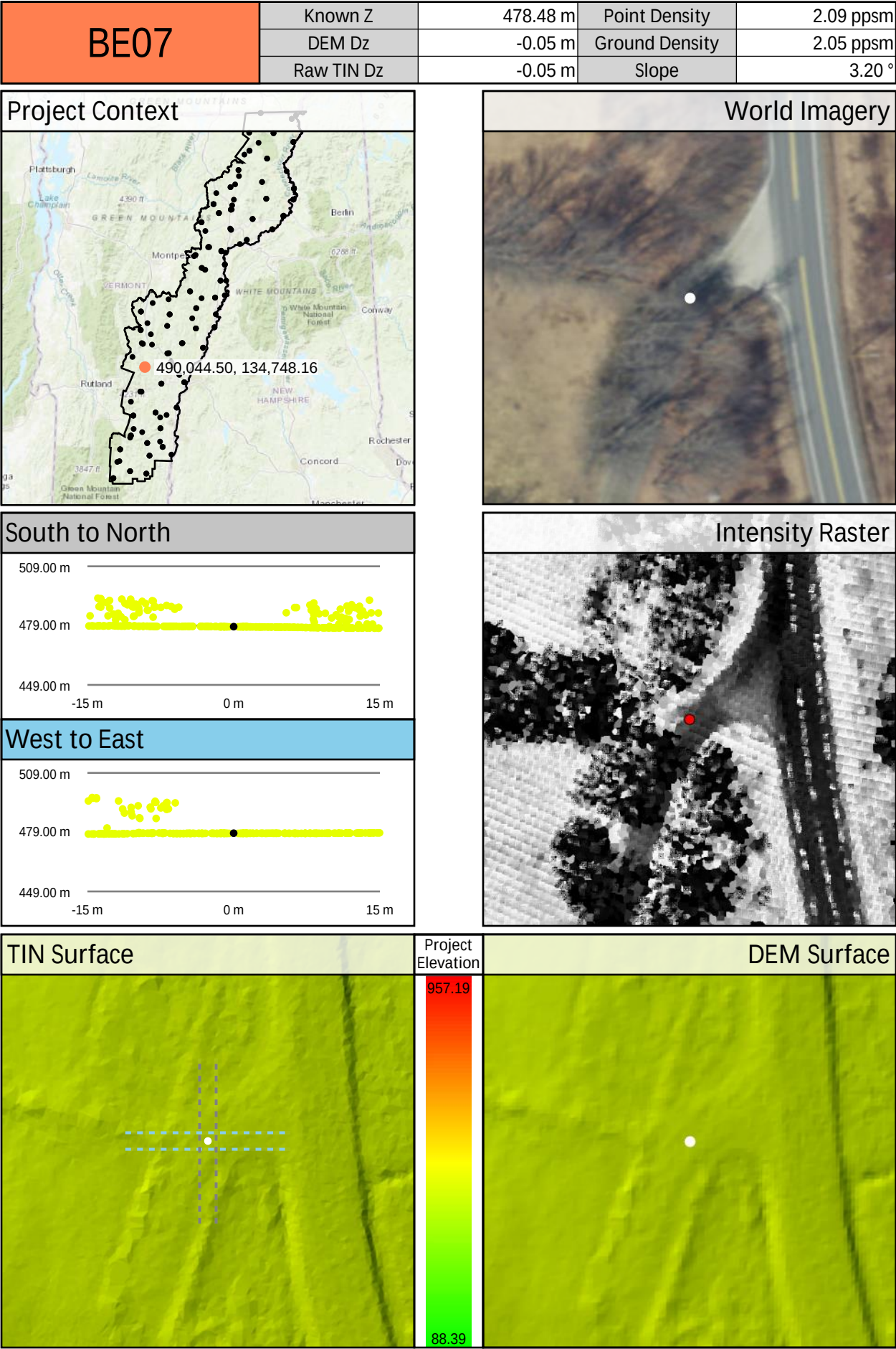


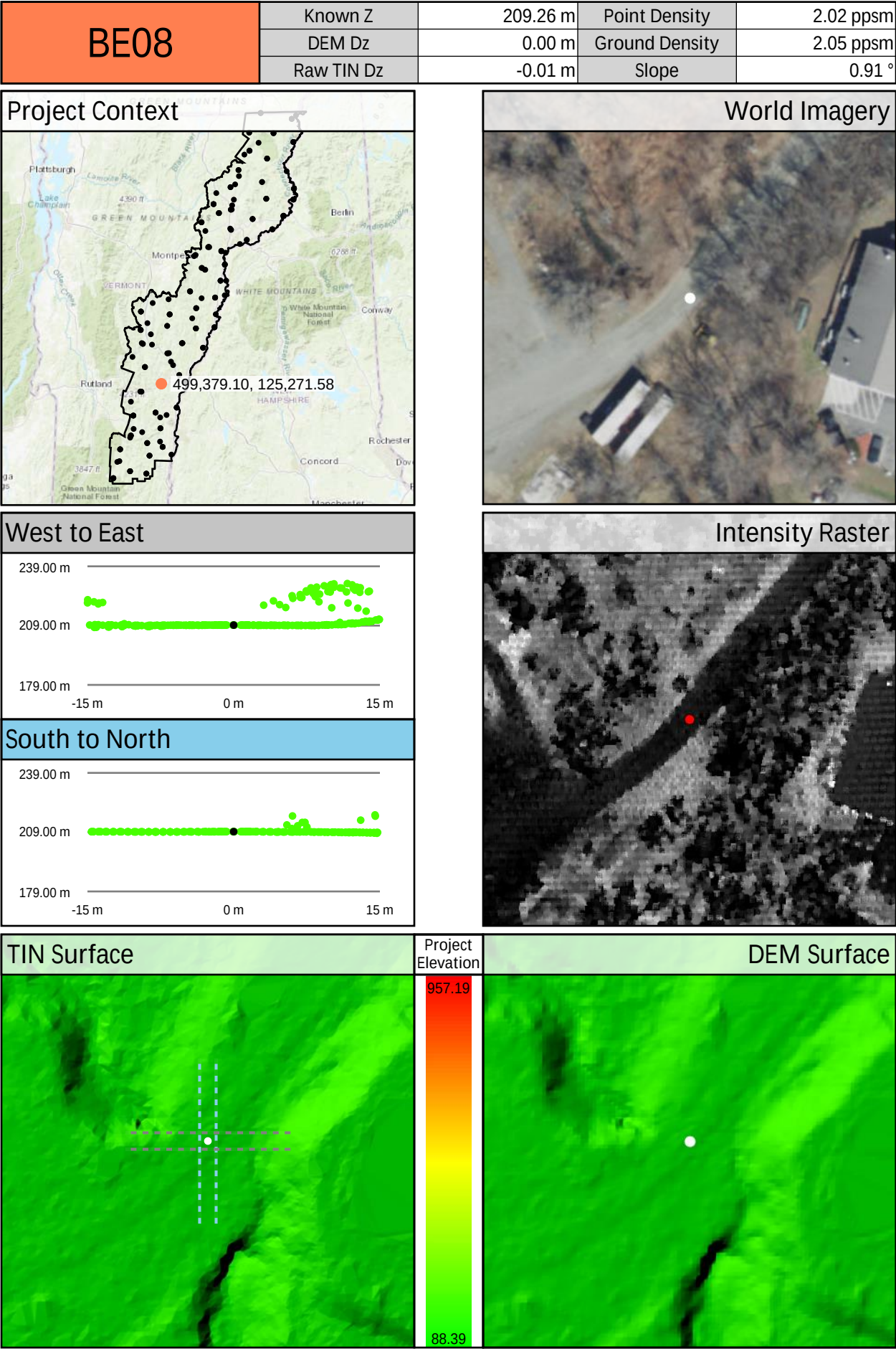
DEM Dz +0.01 m

NVA - BE06

Raw TIN Dz +0.01 m

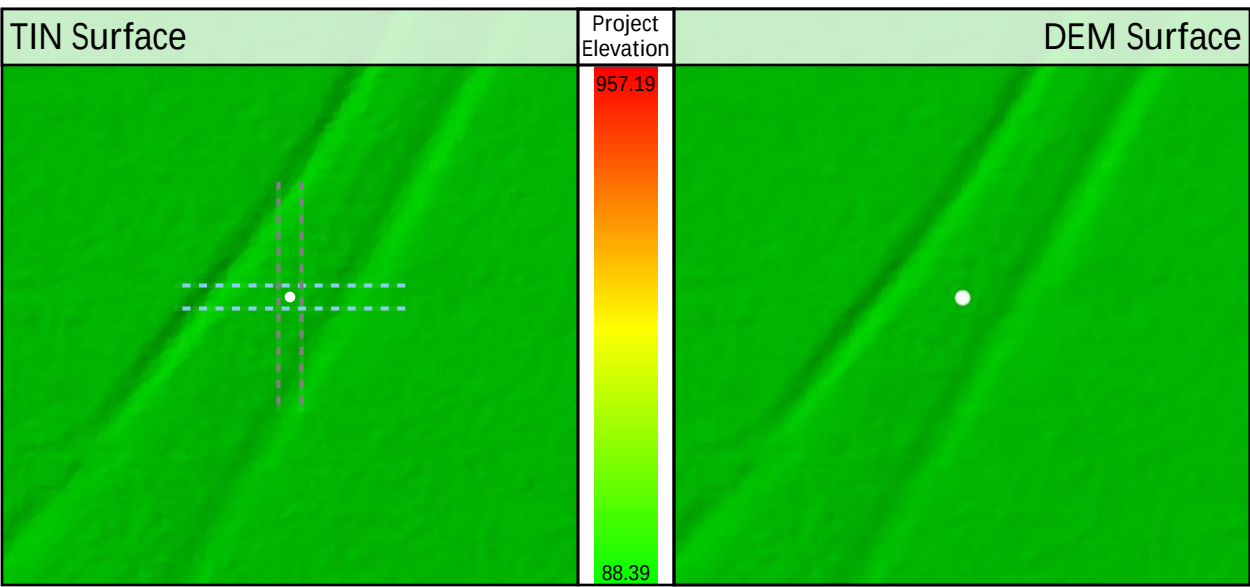
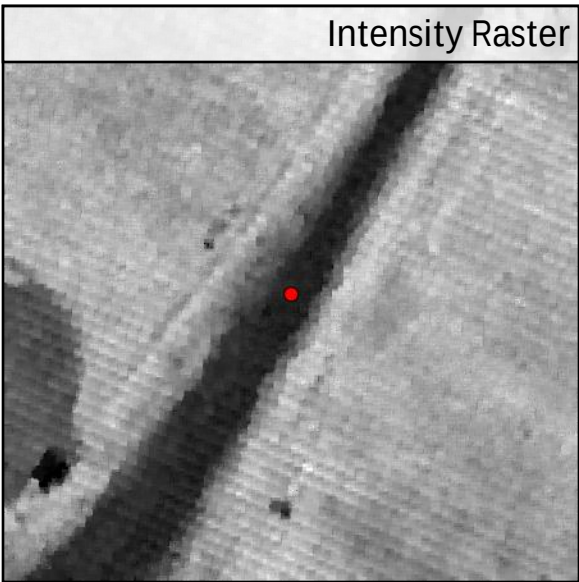
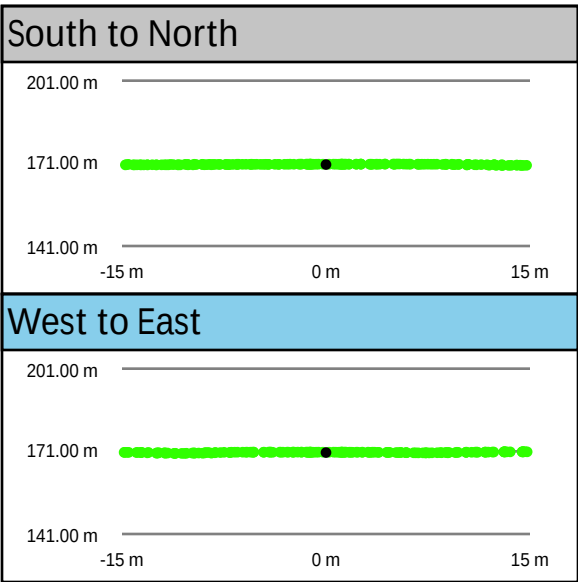
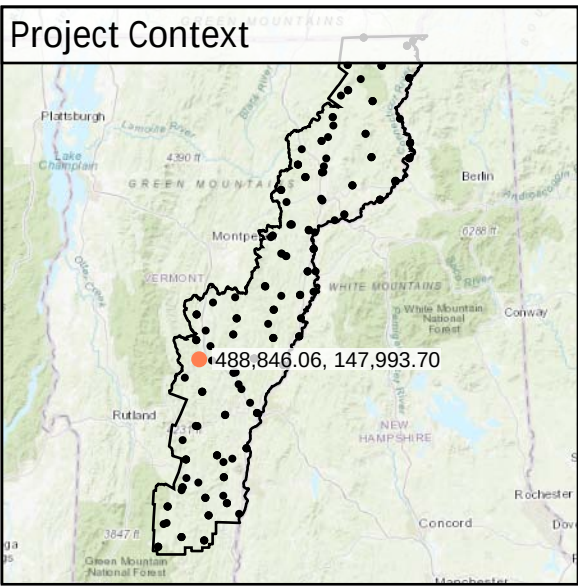




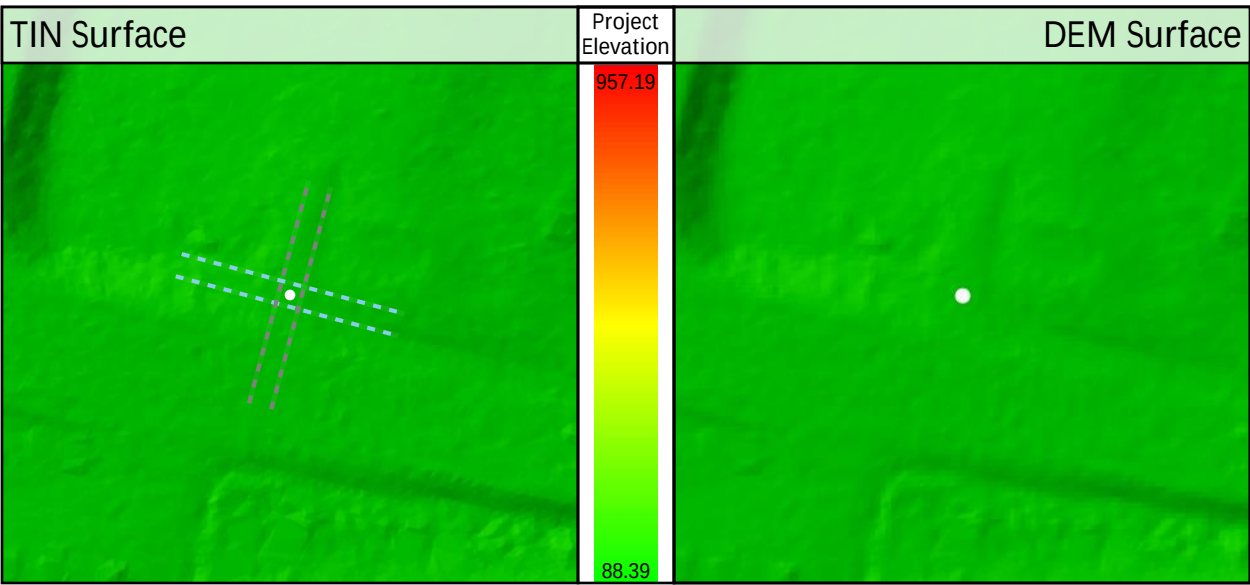
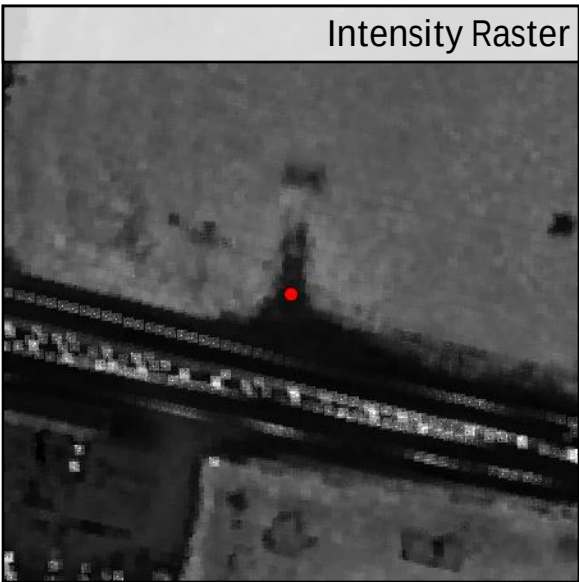
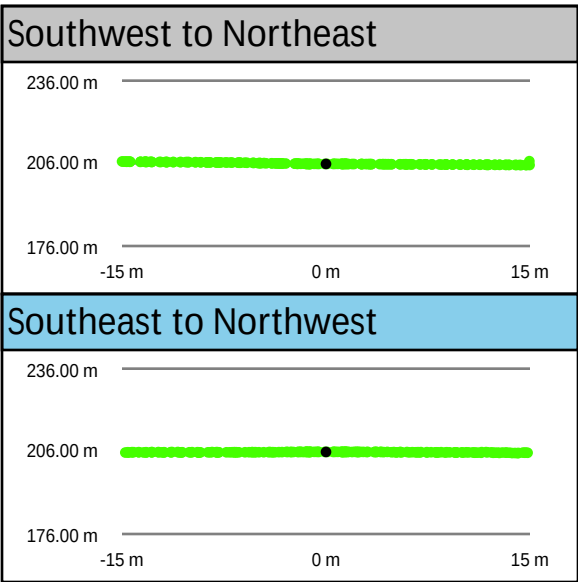
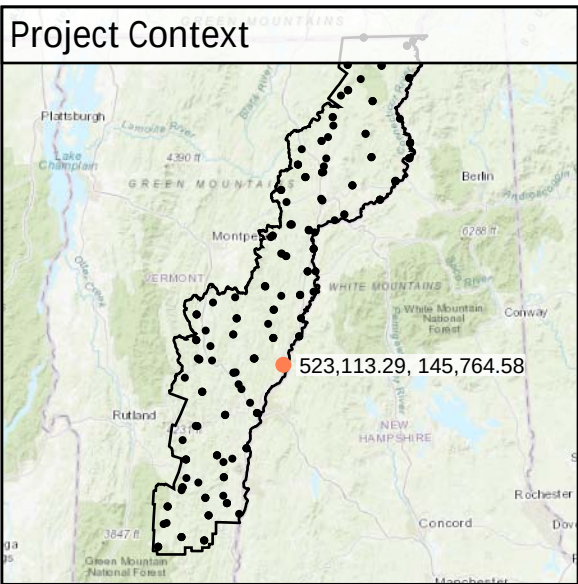




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE09 | Known Z    | 170.56 m | Point Density  | 1.63 ppsm |
|      | DEM Dz     | 0.14 m   | Ground Density | 1.63 ppsm |
|      | Raw TIN Dz | 0.10 m   | Slope          | 0.89 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE10 | Known Z    | 205.78 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 2.61 °    |

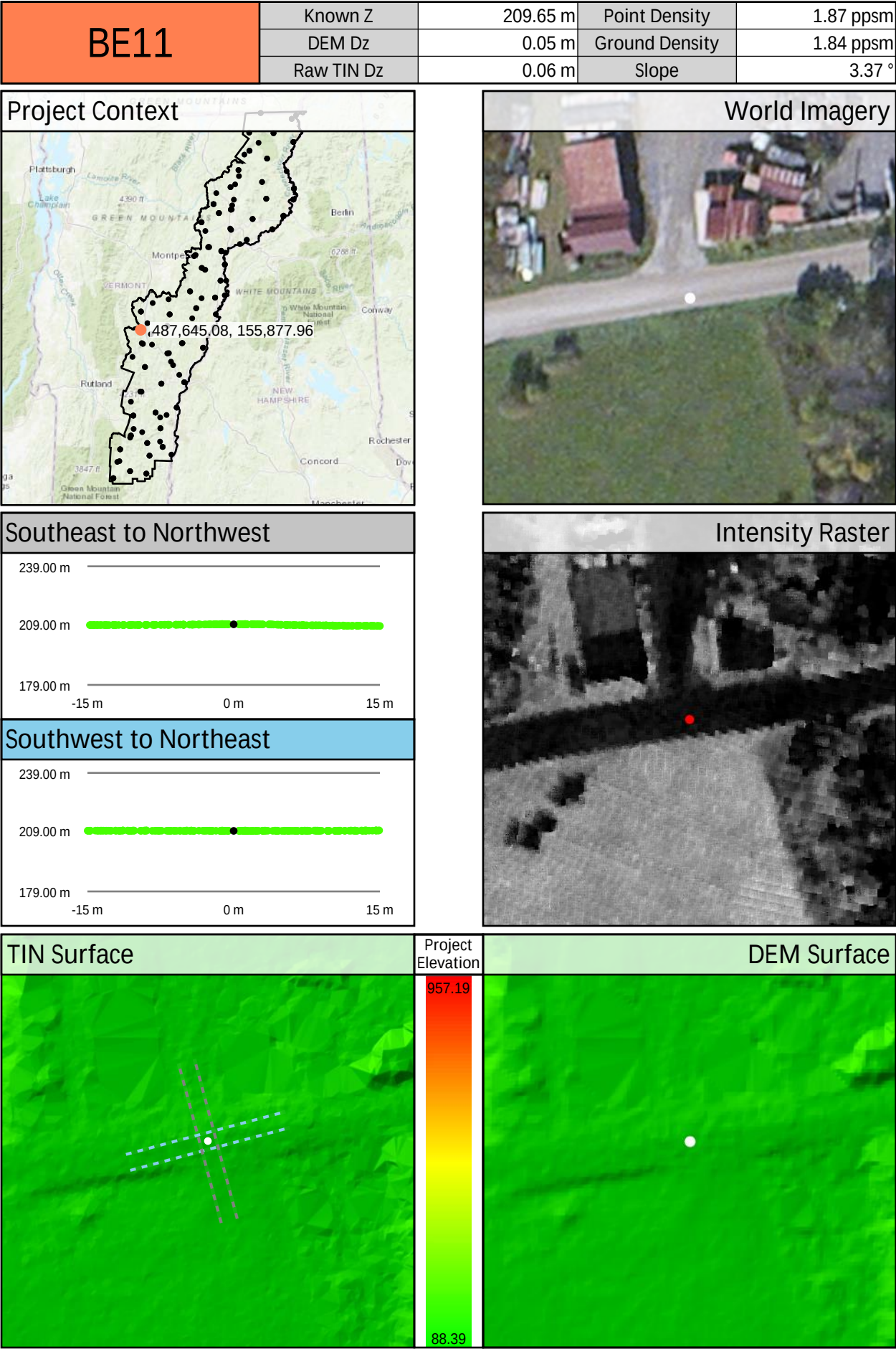


Raw TIN Dz +0.01 m

NVA - BE10

DEM Dz +0.01 m

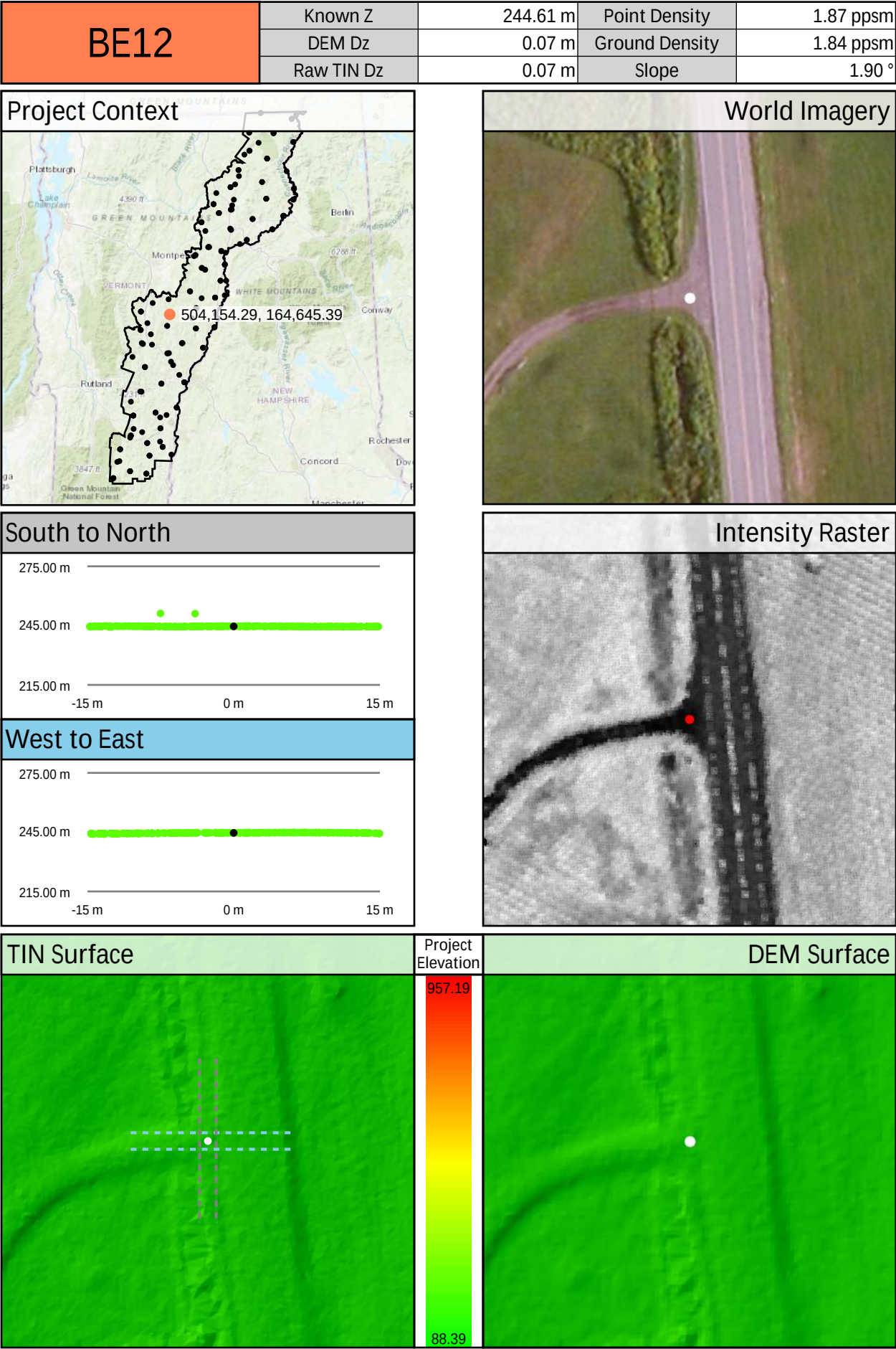




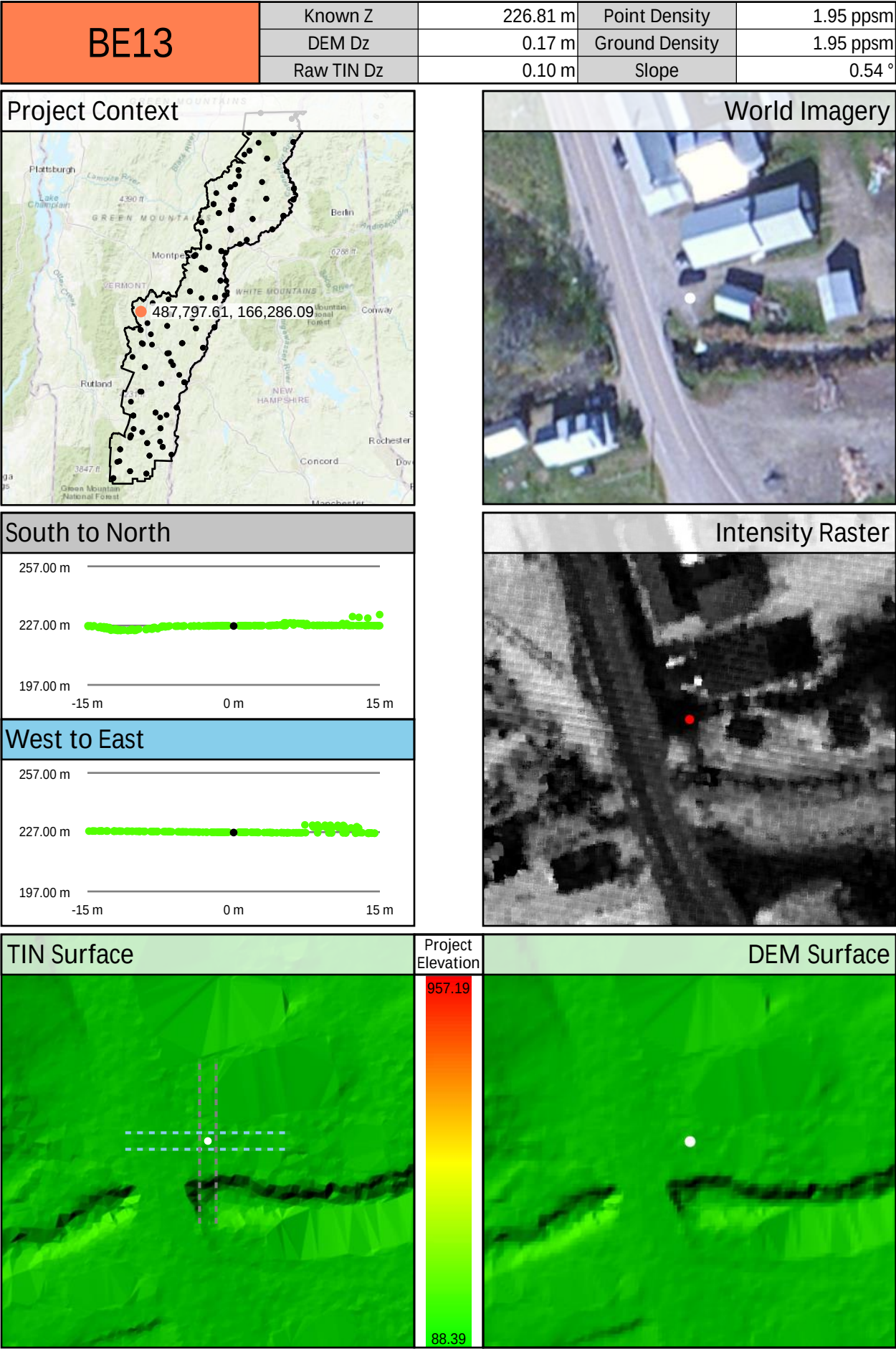
DEM Dz +0.05 m

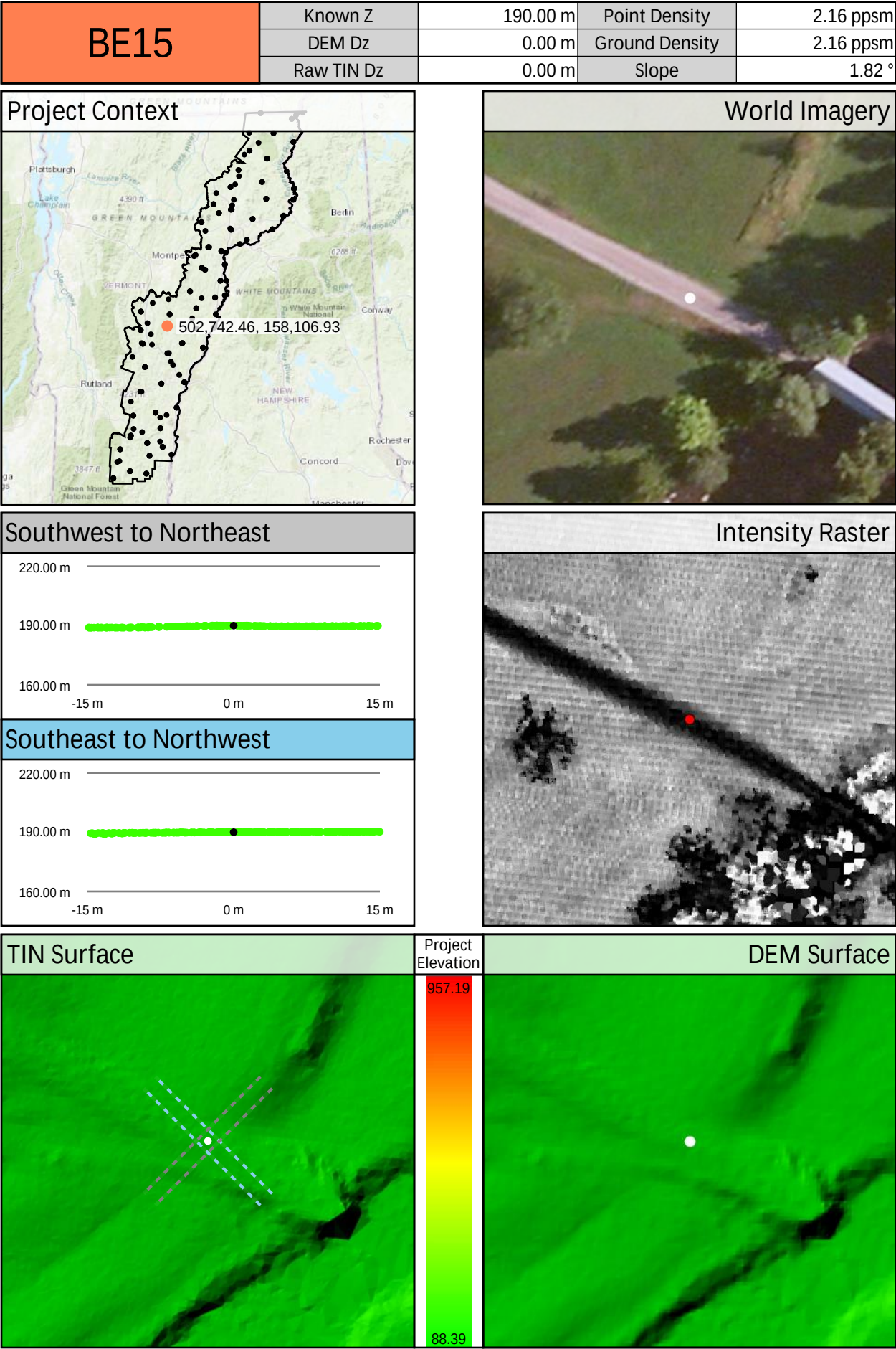
NVA - BE11

Raw TIN Dz +0.06 m



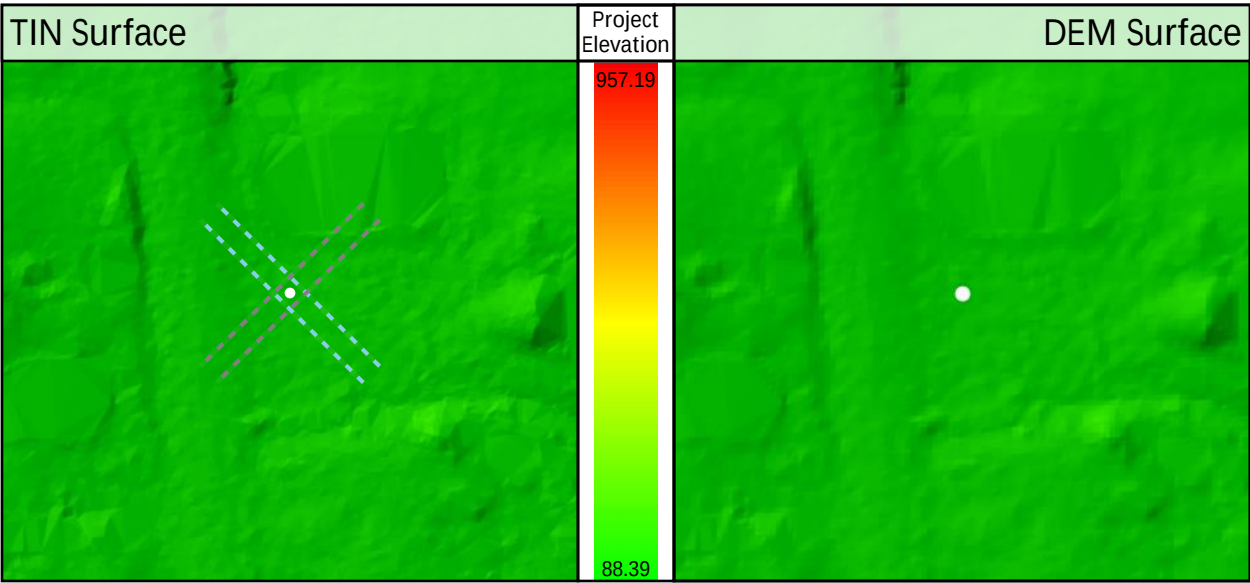
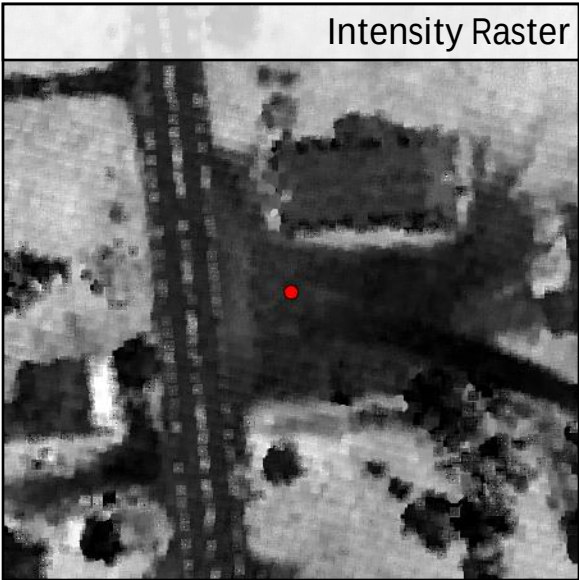
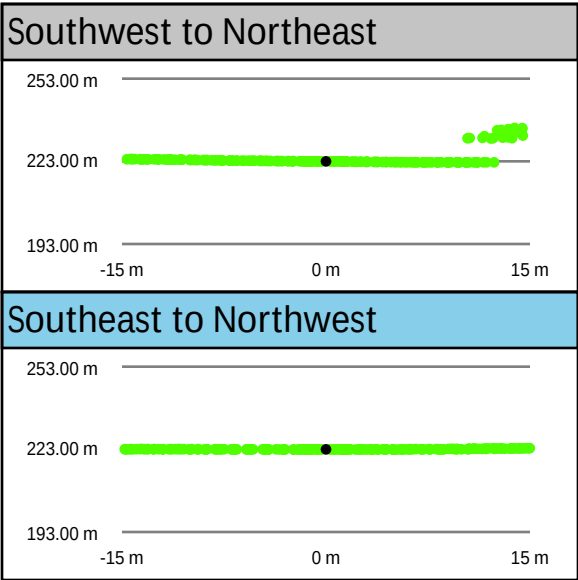
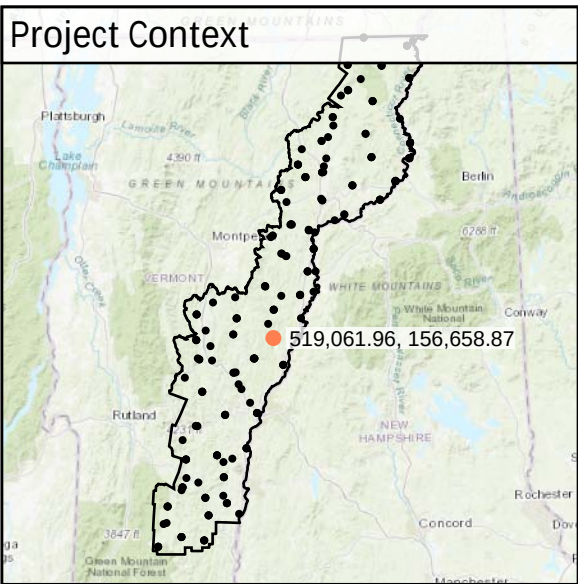


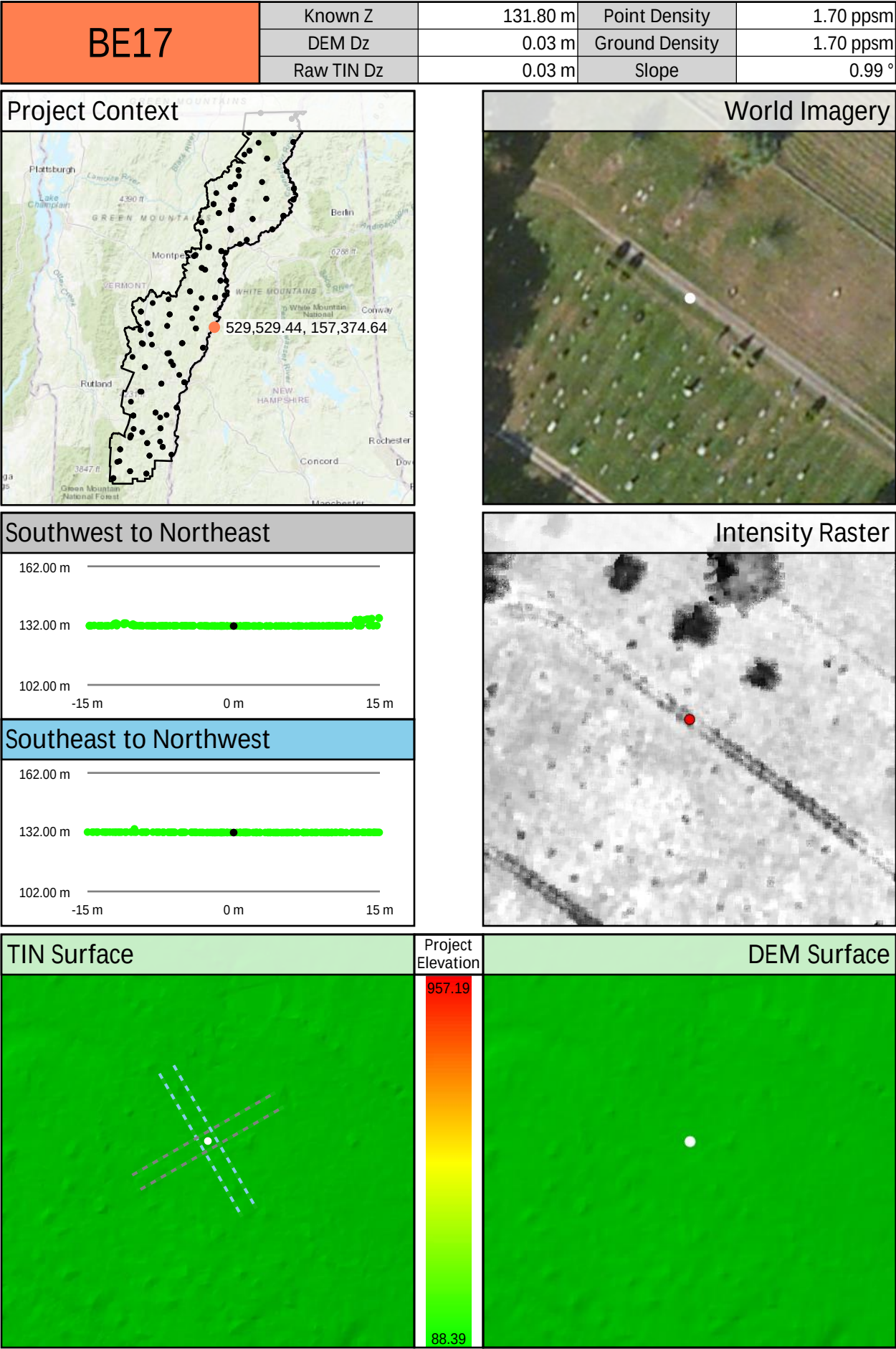




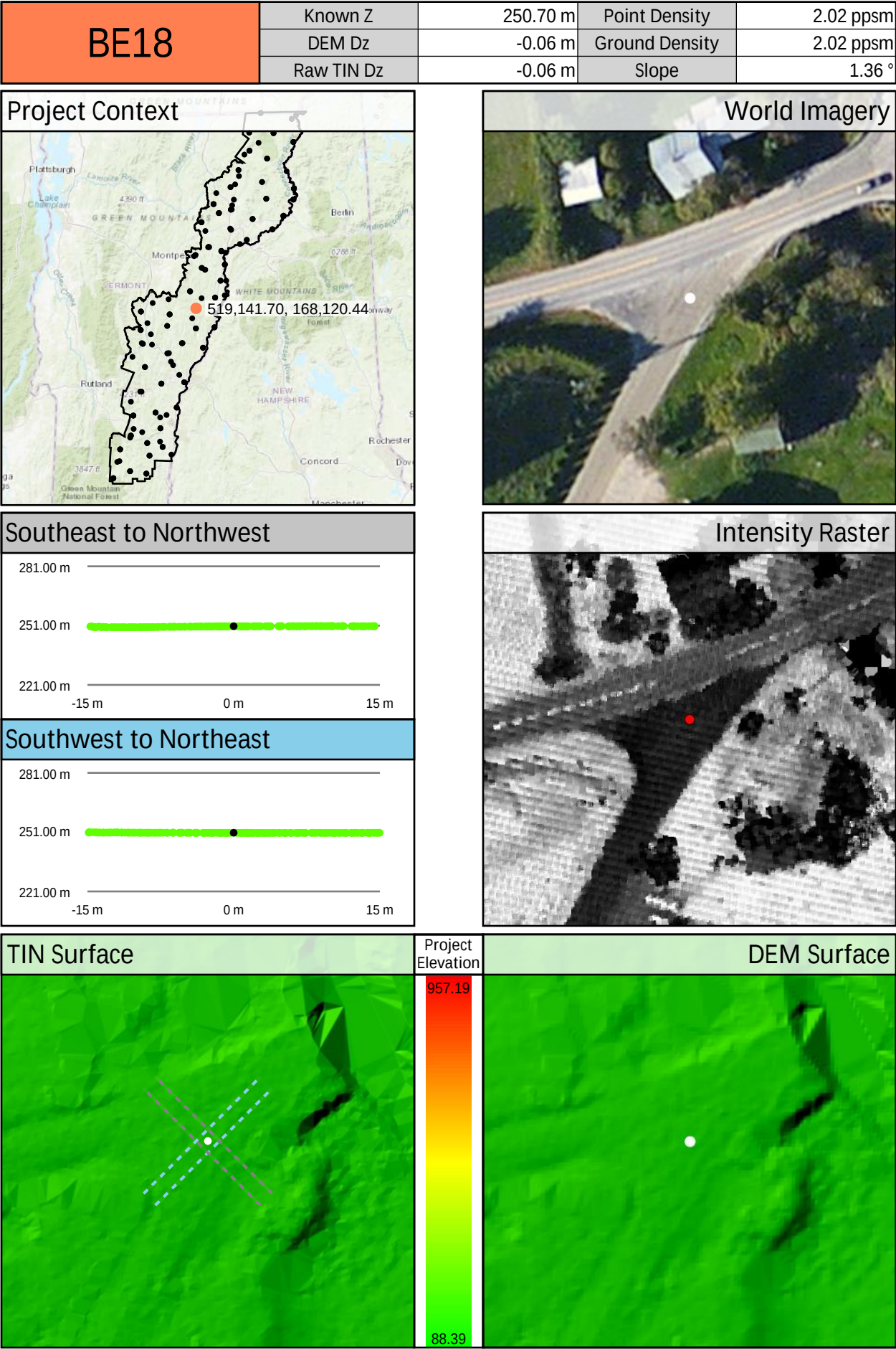


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE16 | Known Z    | 222.99 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 2.21 °    |

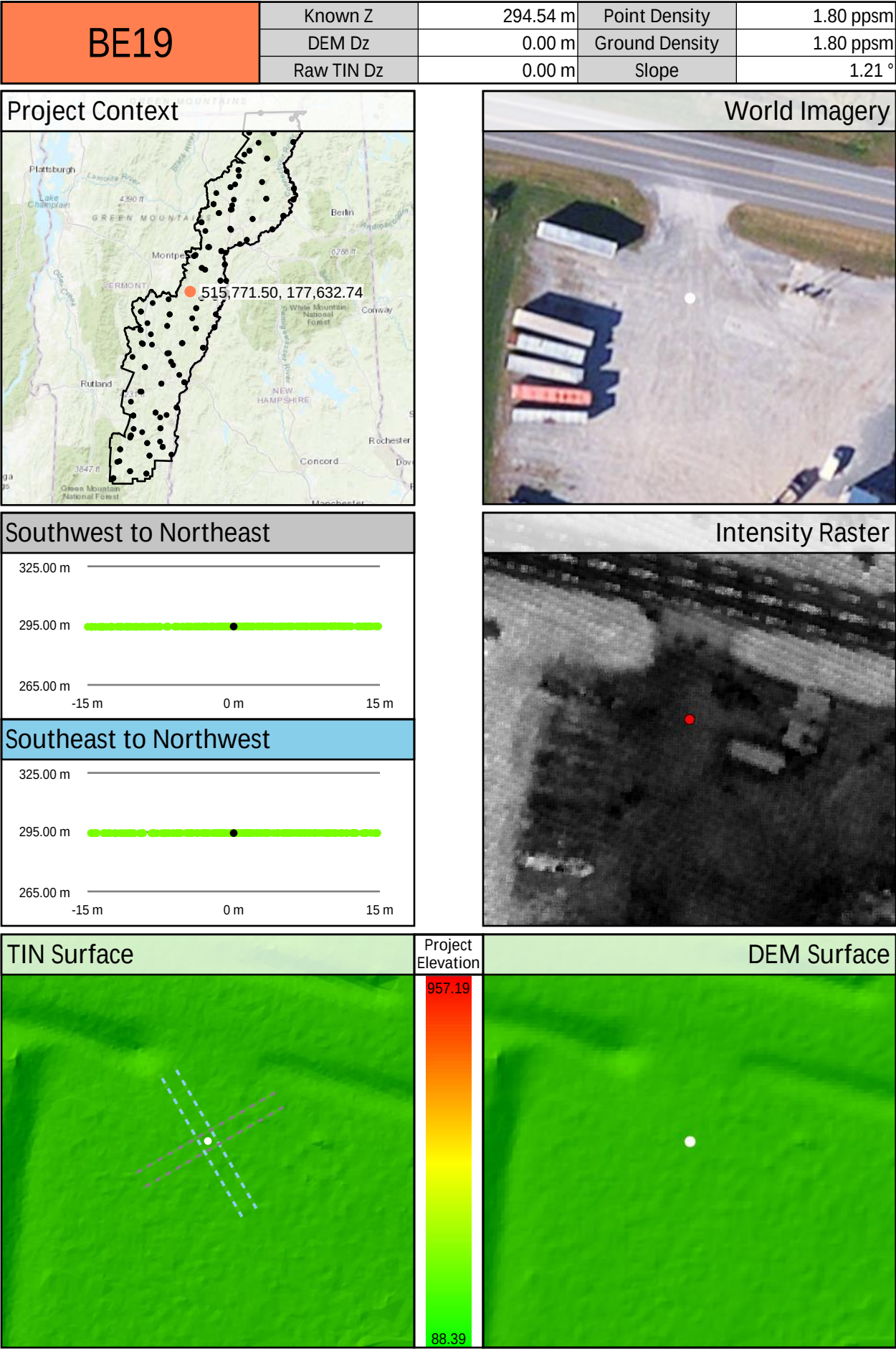




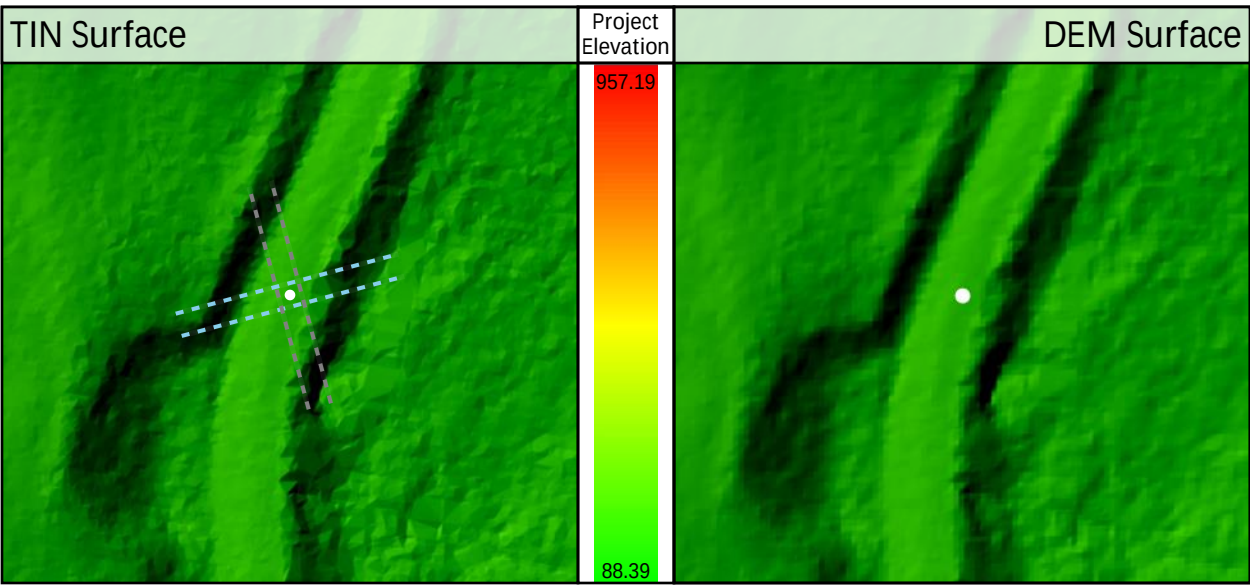
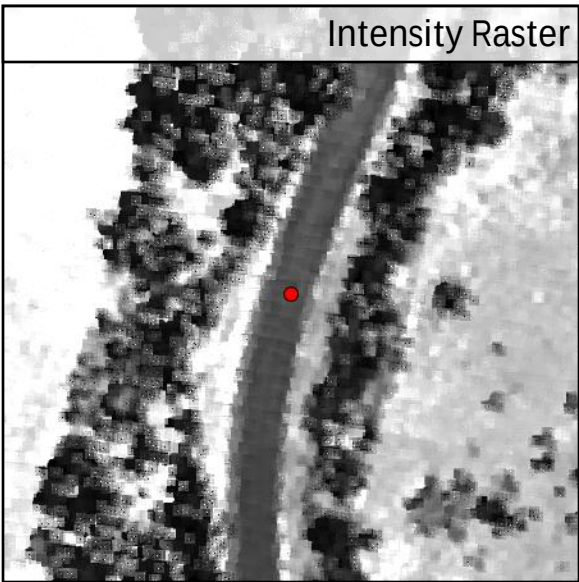
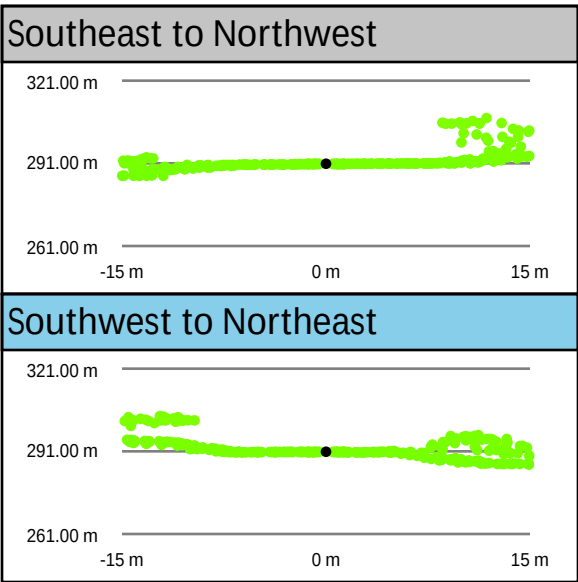
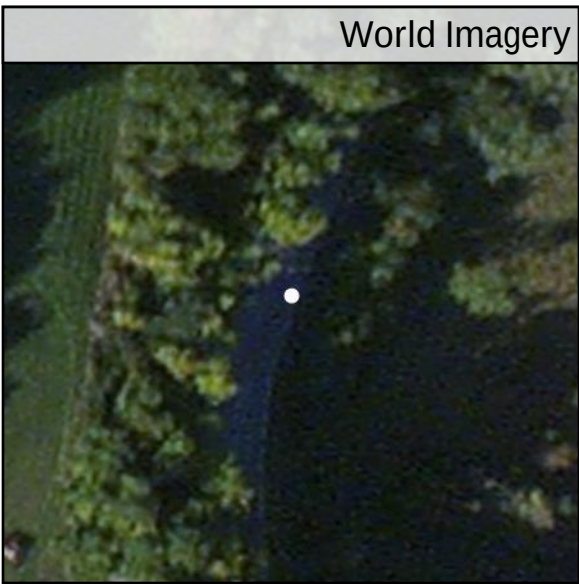
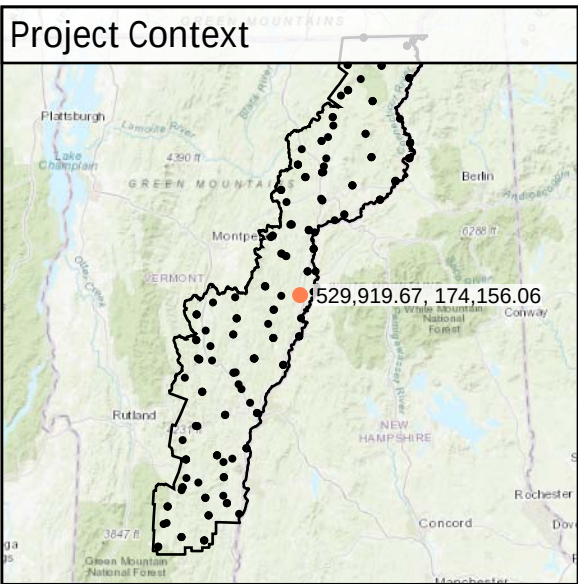






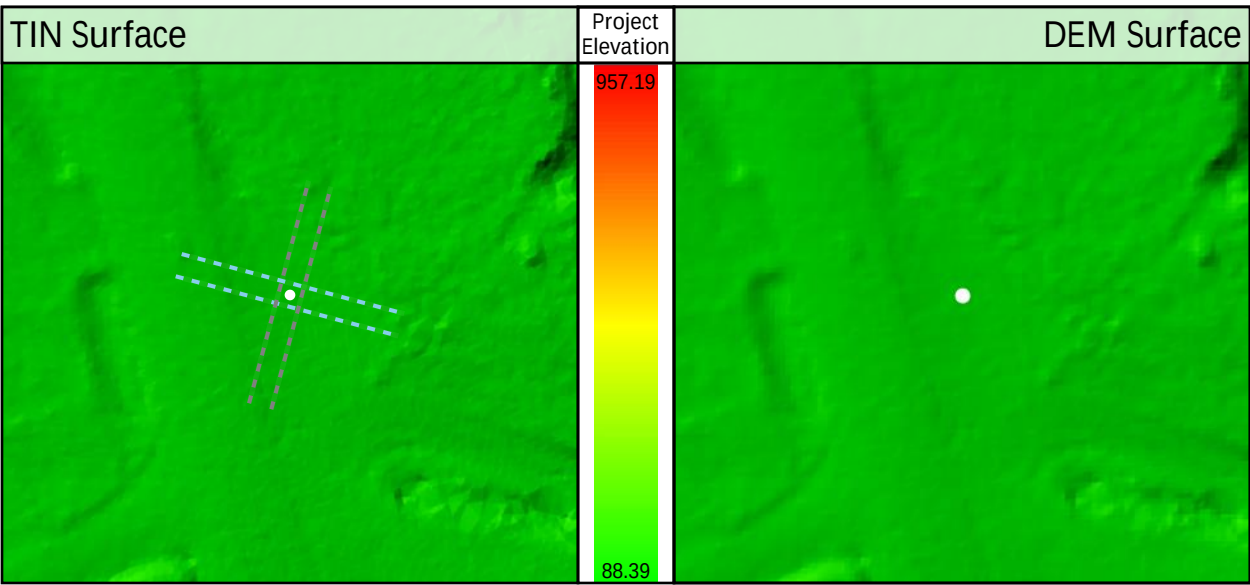
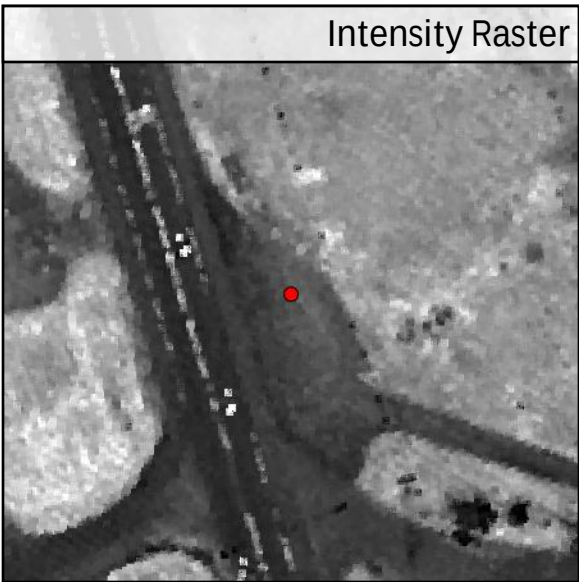
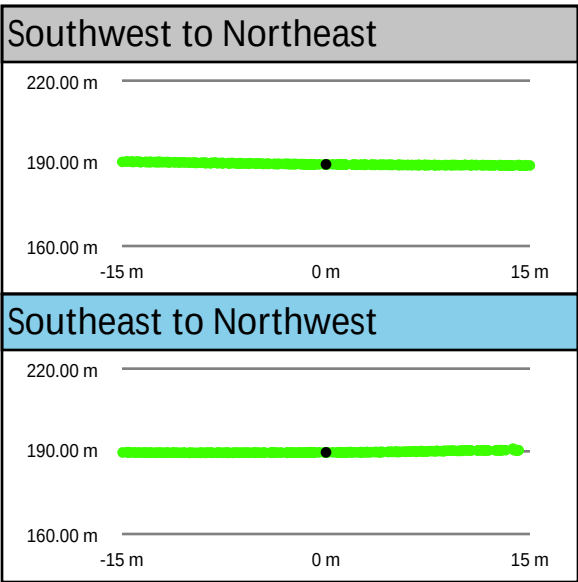
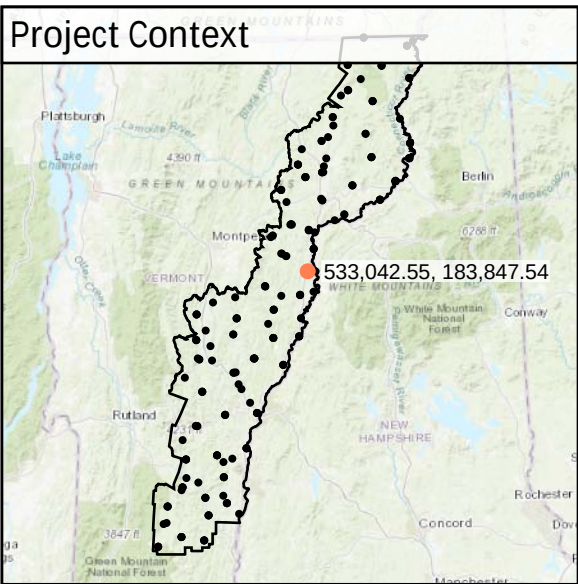


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE20 | Known Z    | 290.85 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | -0.08 m  | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | -0.06 m  | Slope          | 4.22 °    |

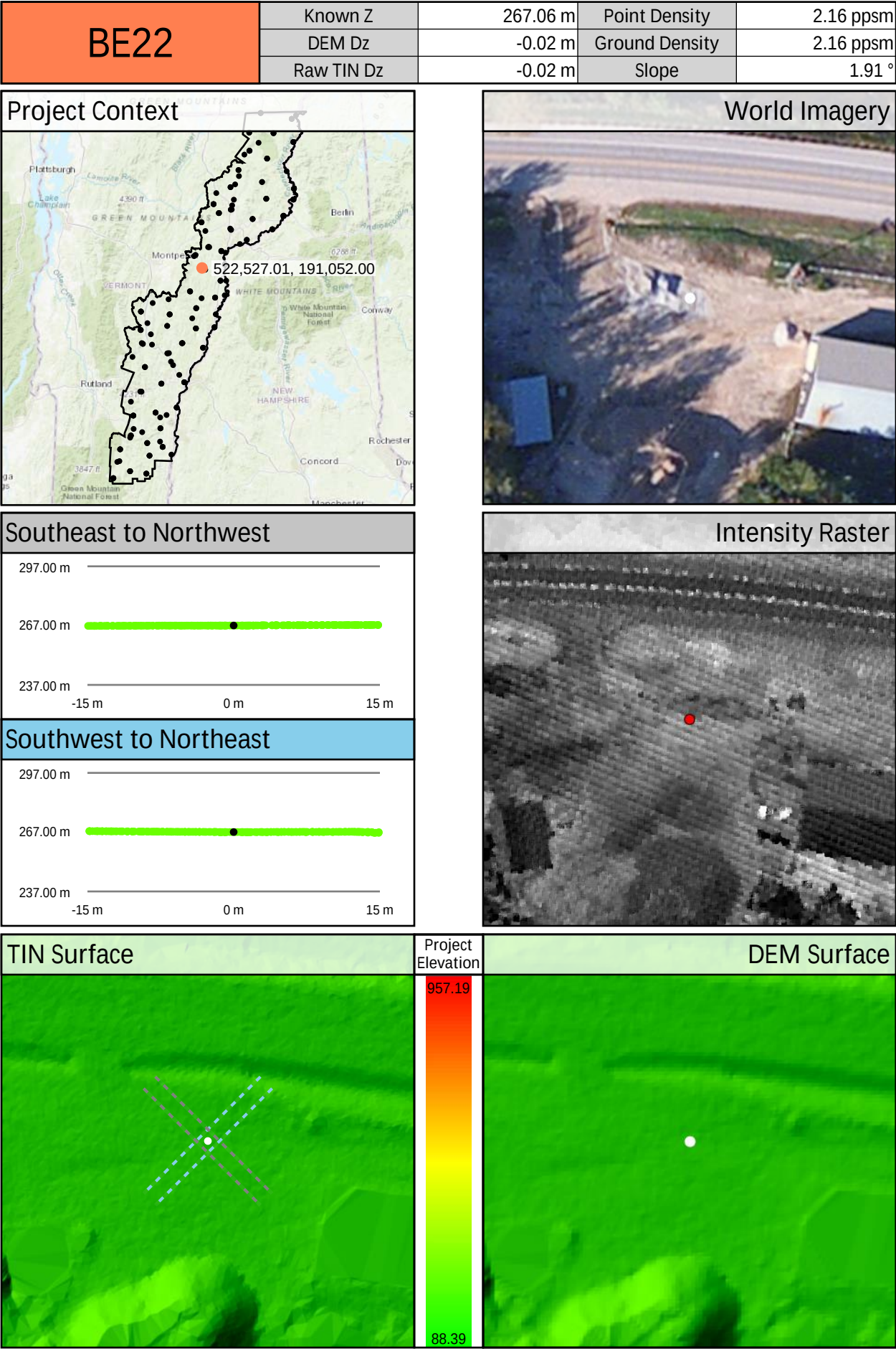


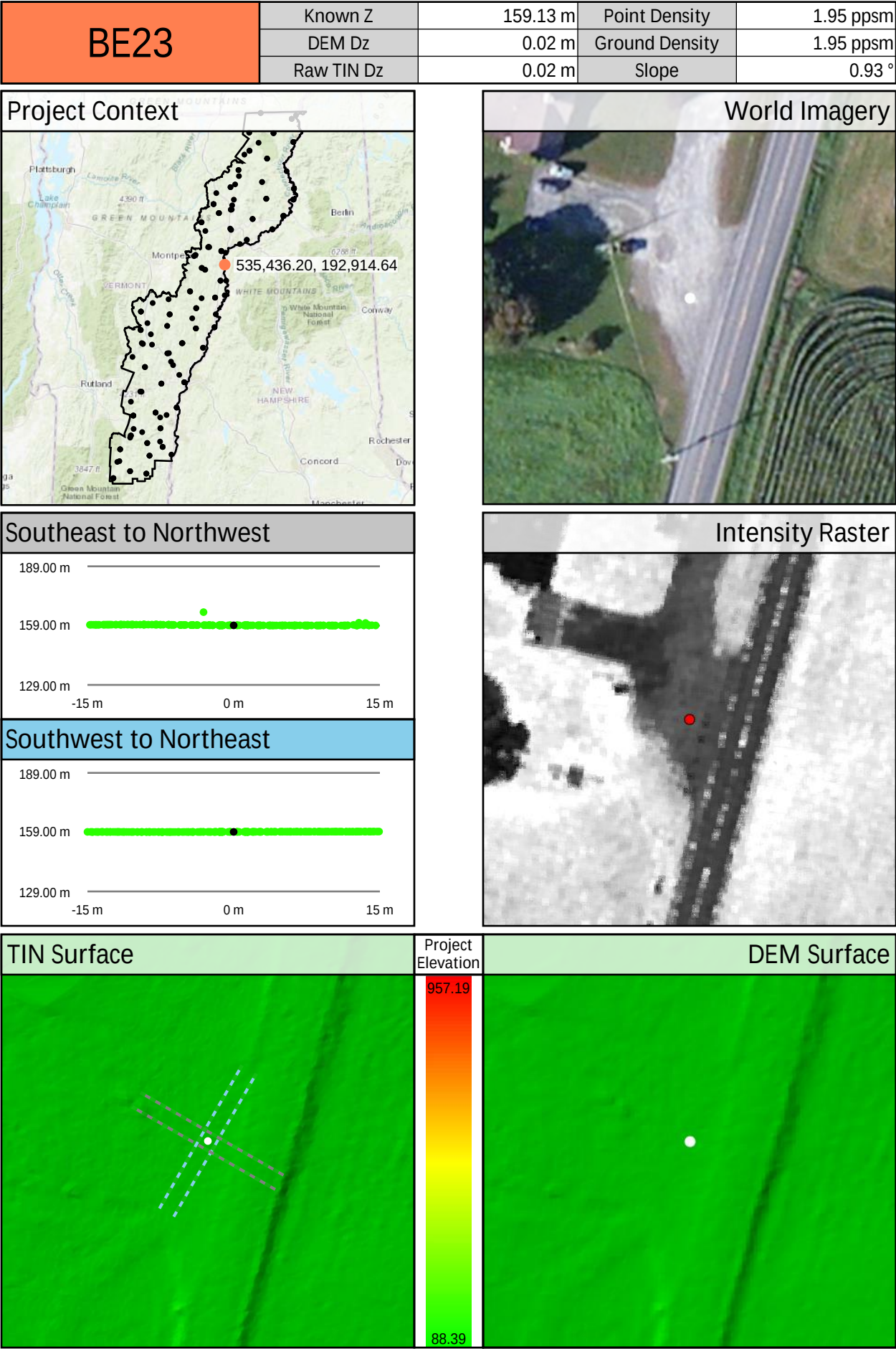


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE21 | Known Z    | 189.63 m | Point Density  | 2.48 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 2.48 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 3.94 °    |



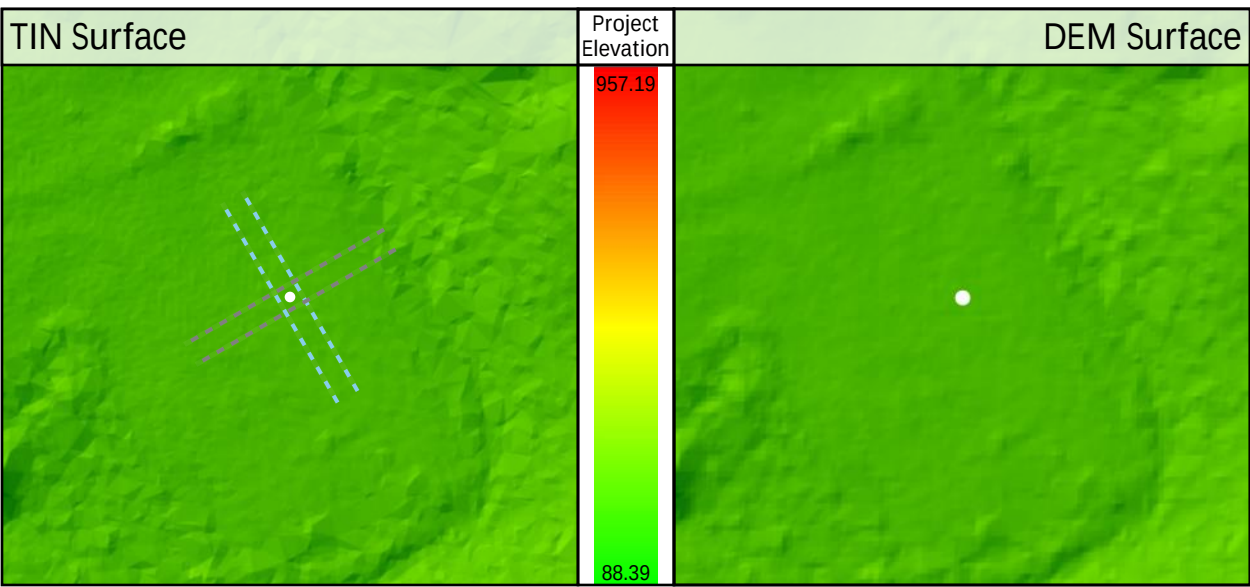
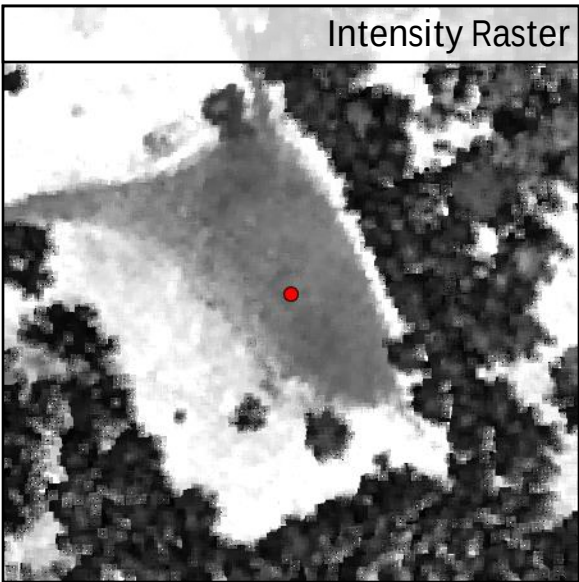
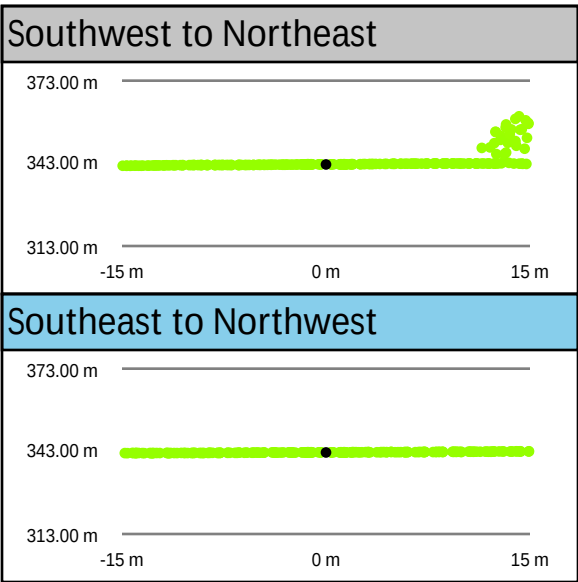
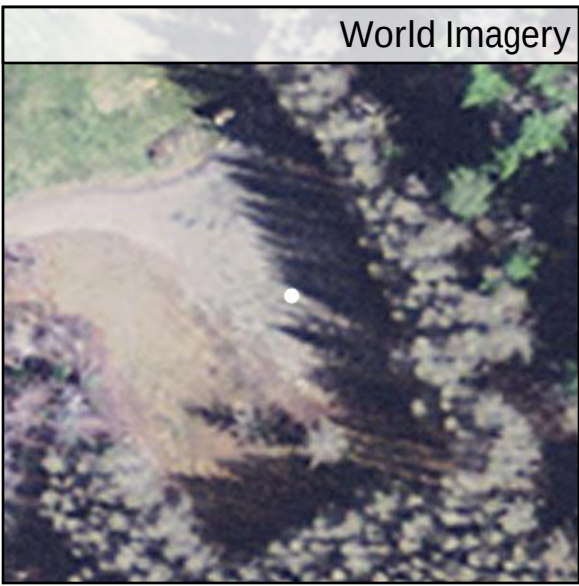
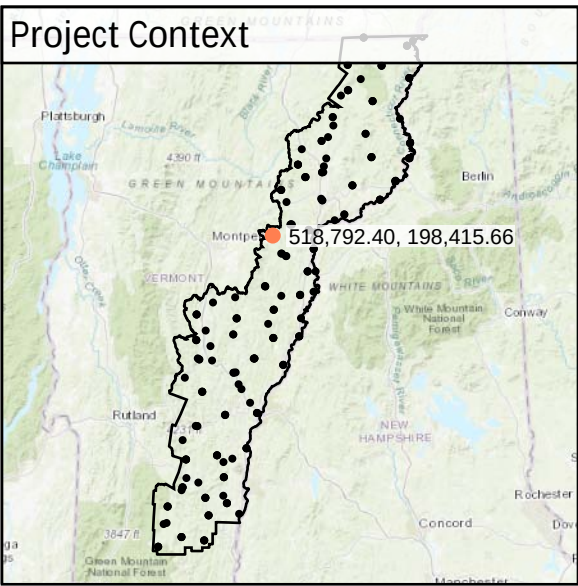








|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE24 | Known Z    | 342.59 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 2.10 °    |

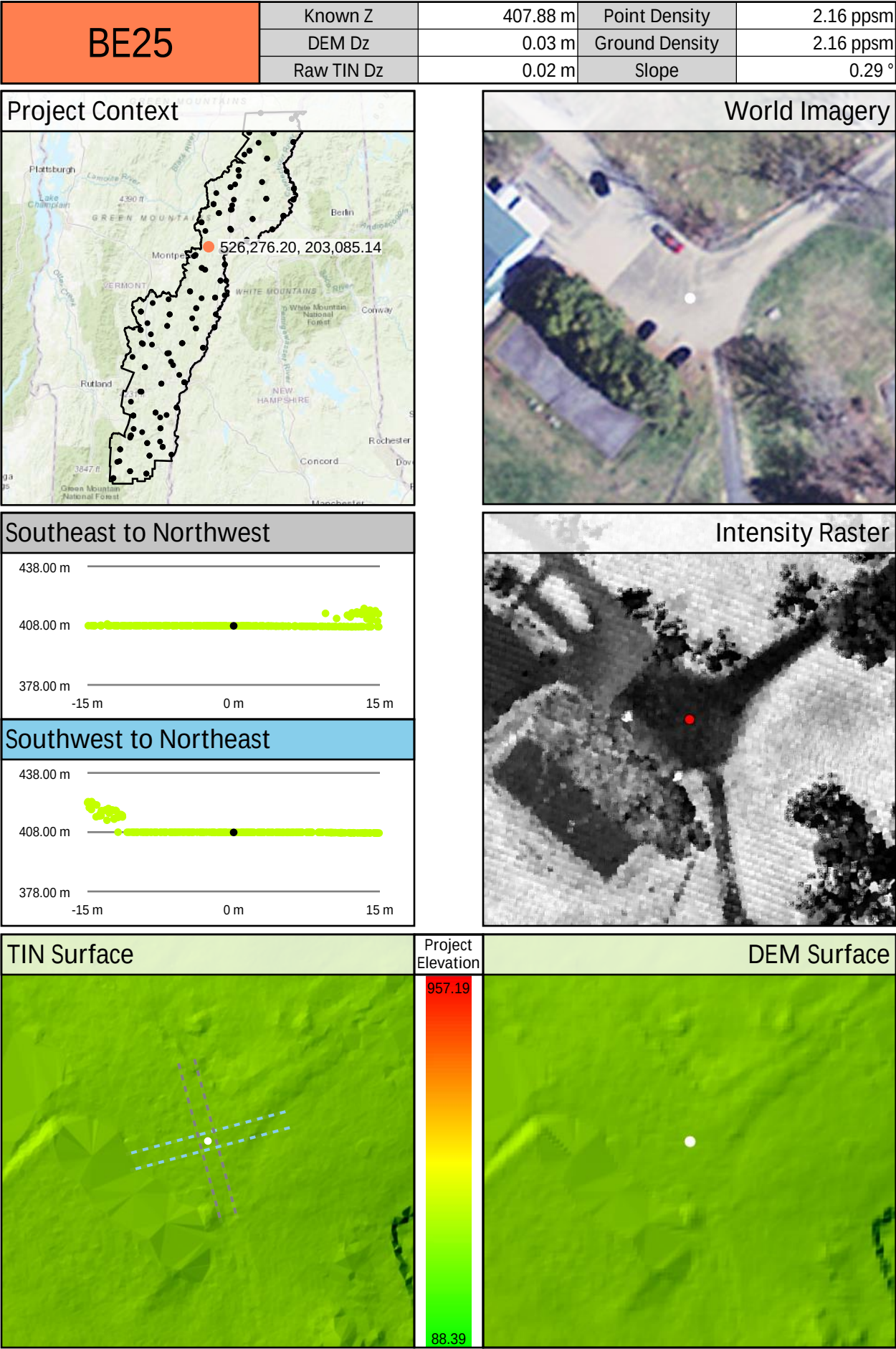


DEM Dz +0.04 m

NVA - BE24

Raw TIN Dz +0.03 m



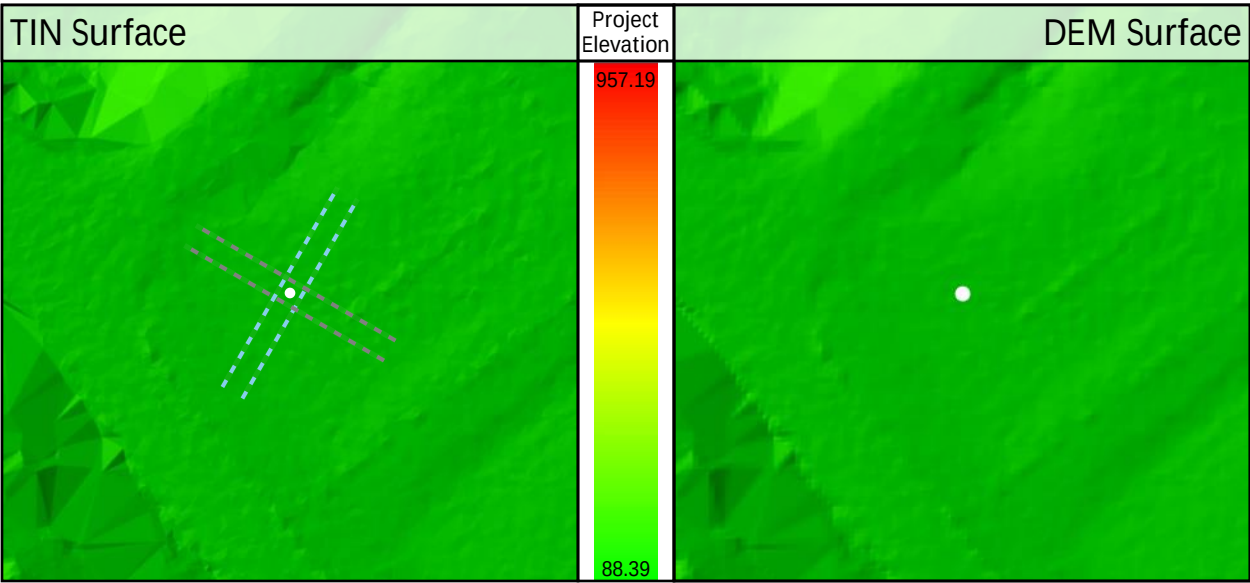
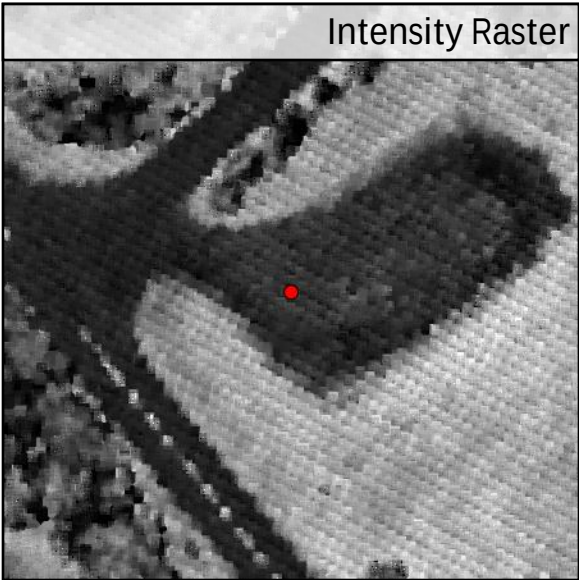
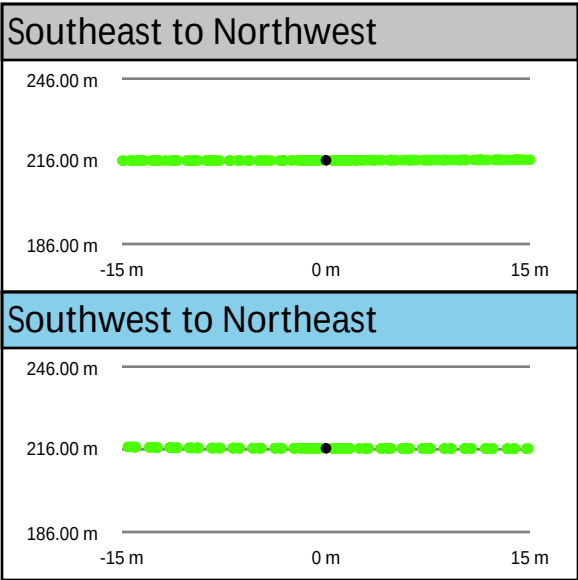
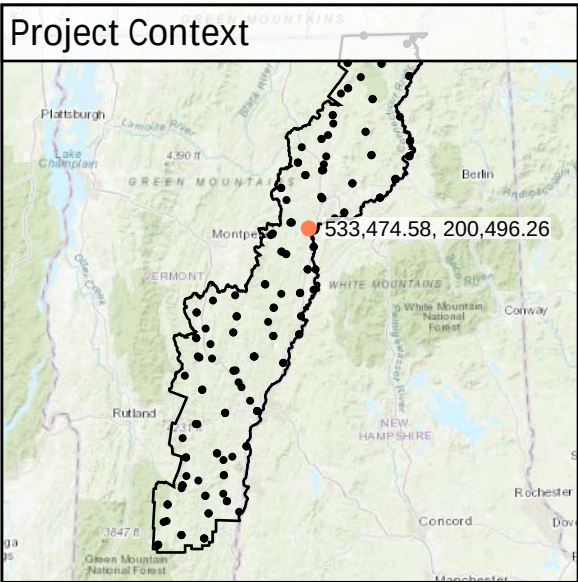


DEM Dz +0.03 m

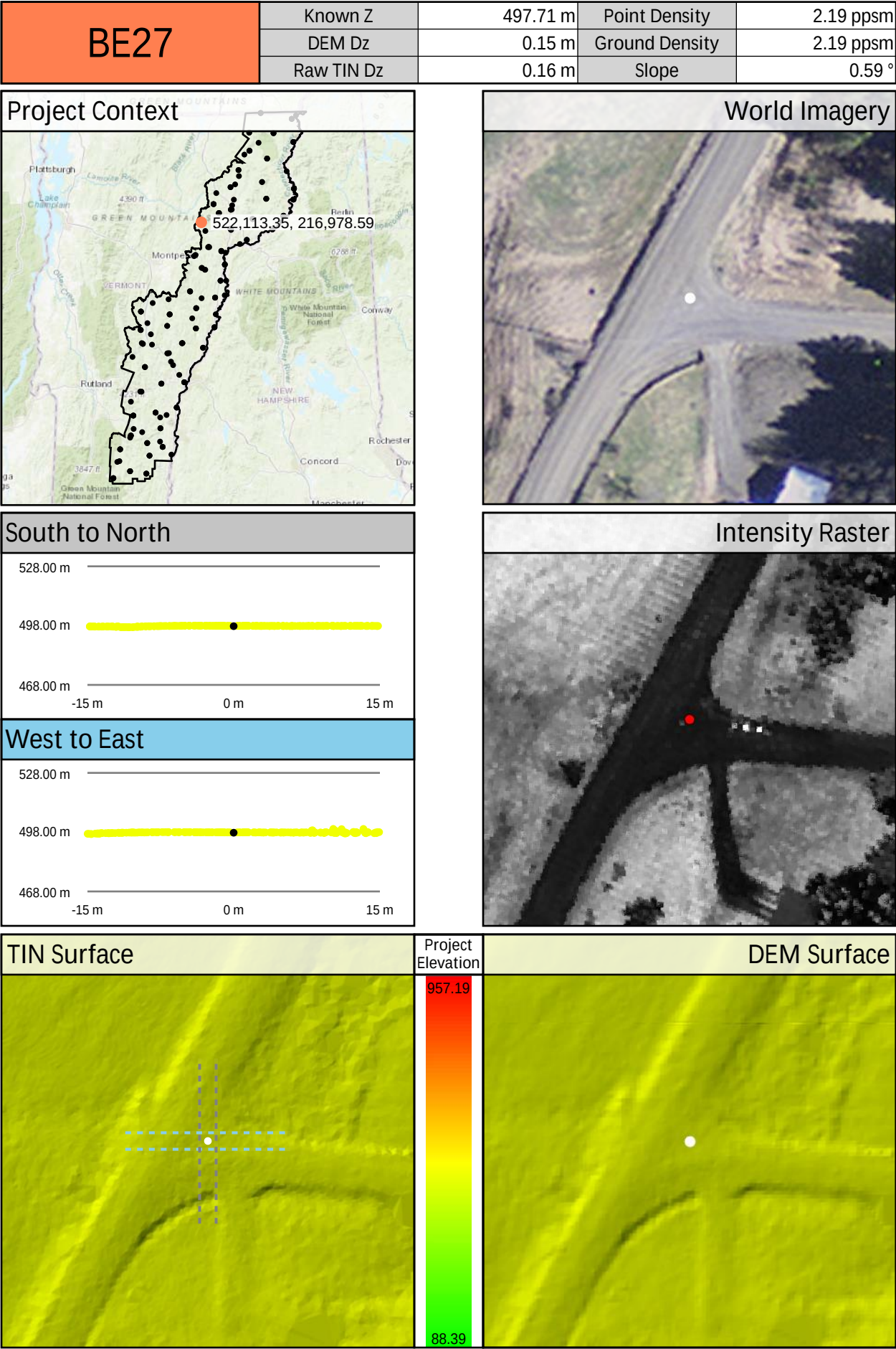
NVA - BE25

Raw TIN Dz +0.02 m

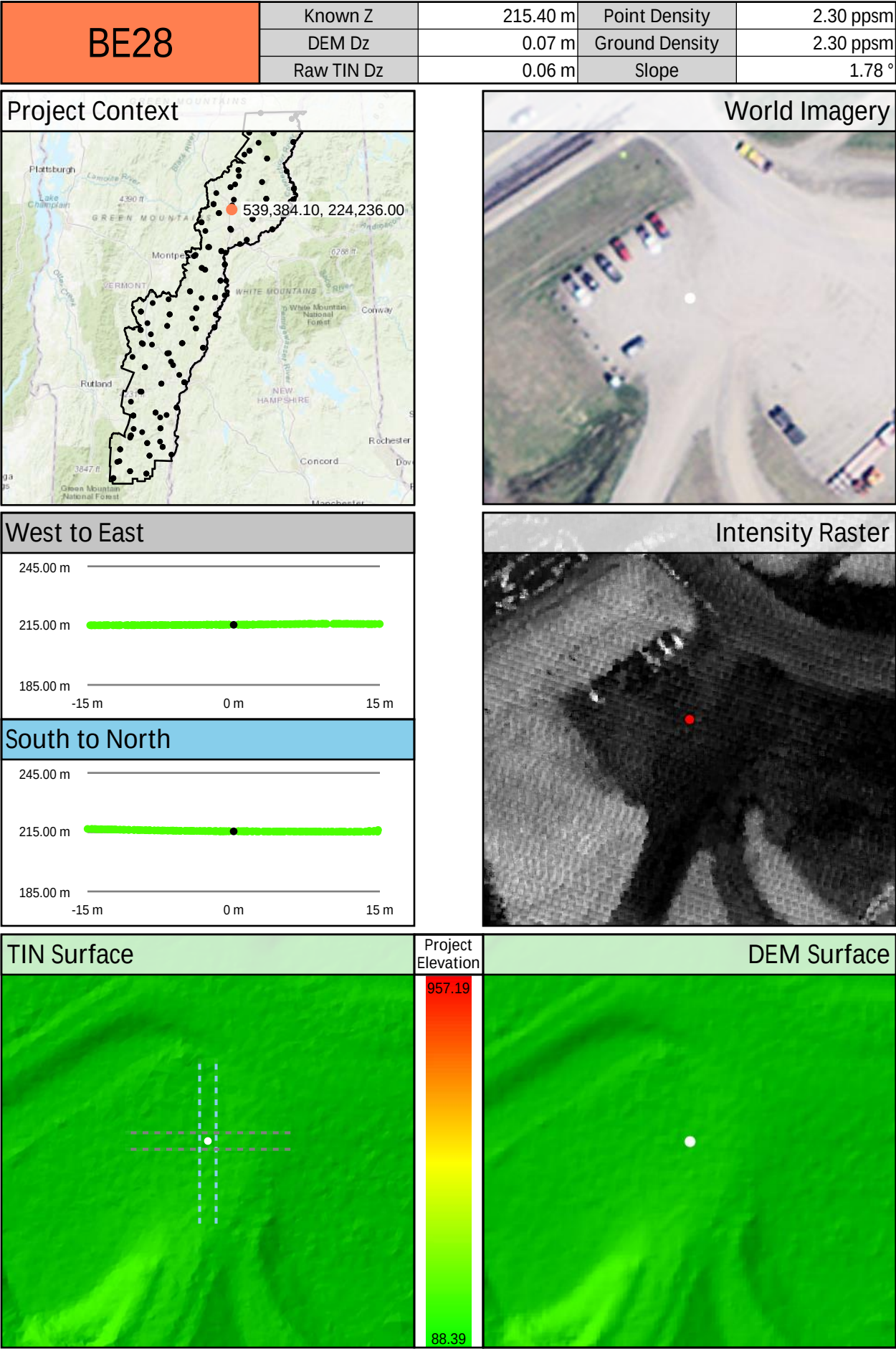
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE26 | Known Z    | 216.38 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.70 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 1.67 °    |

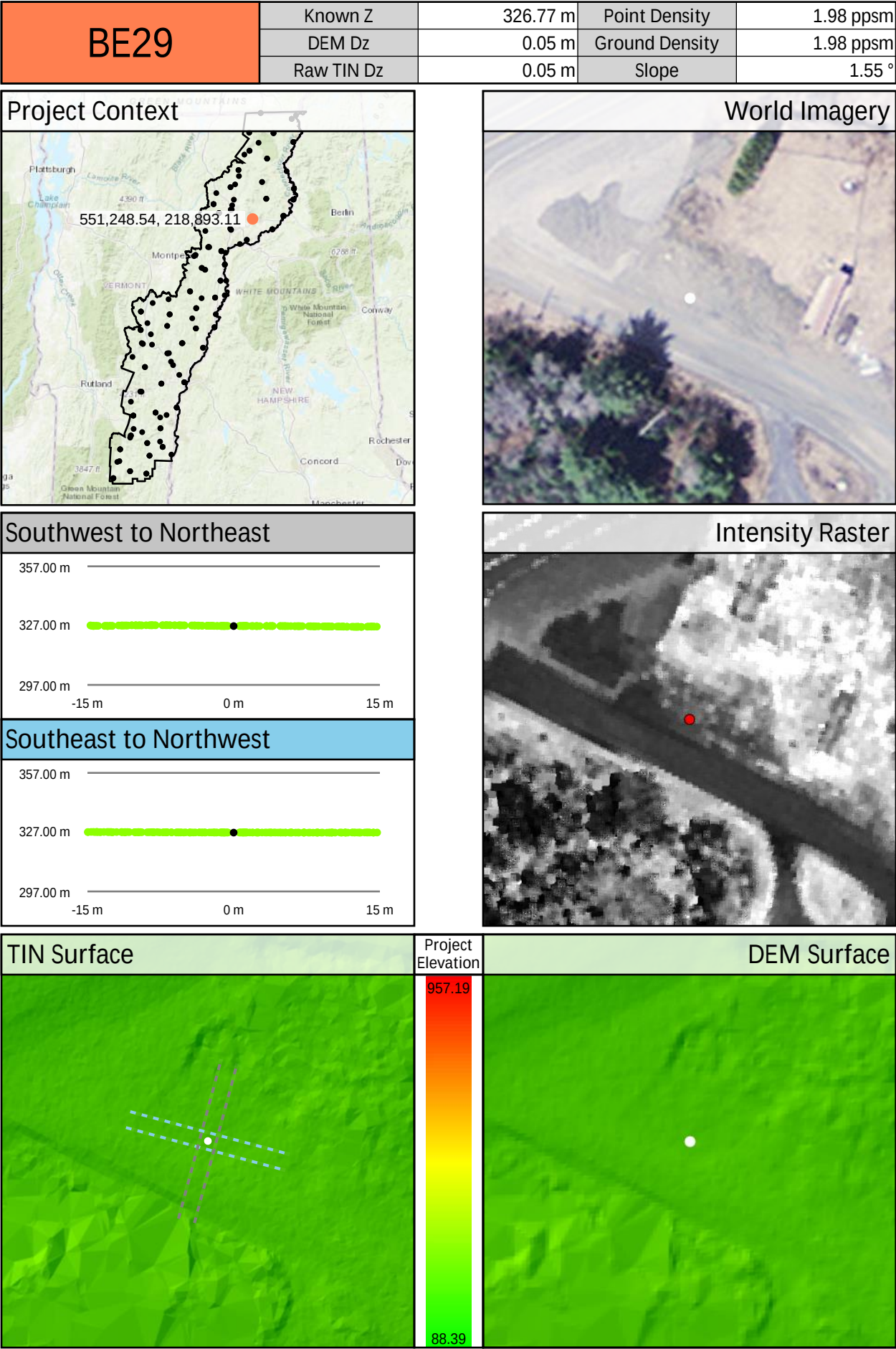






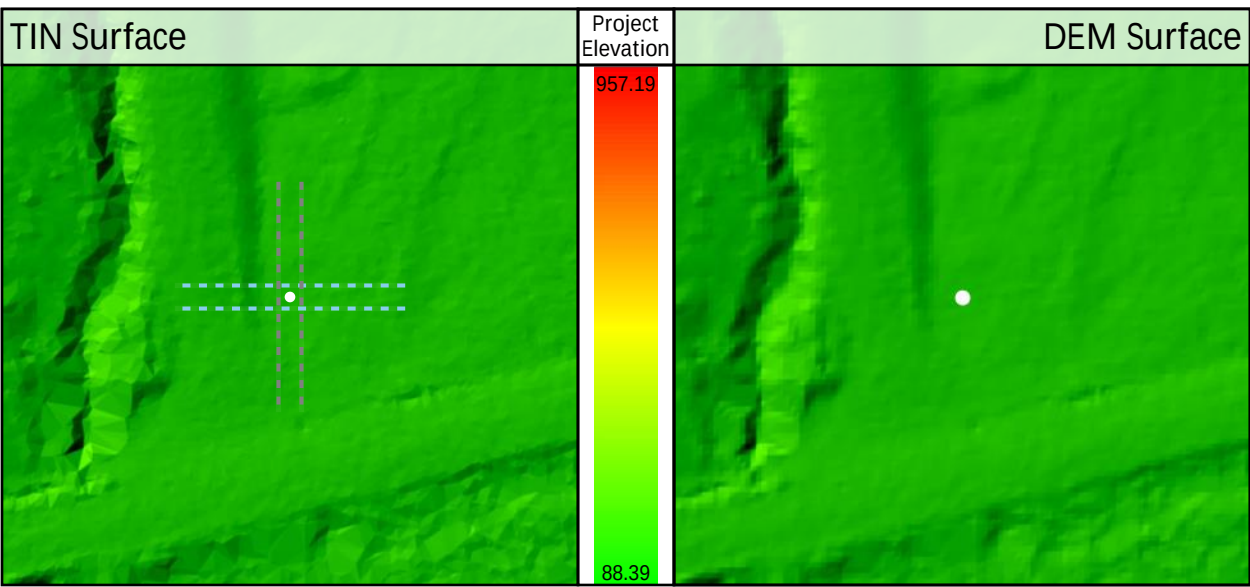
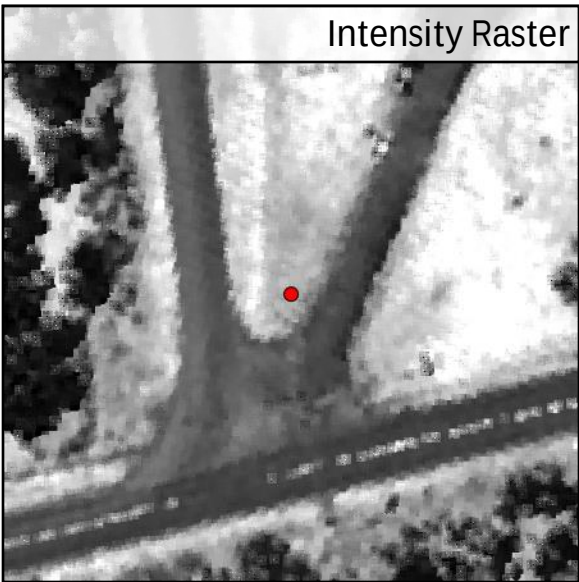
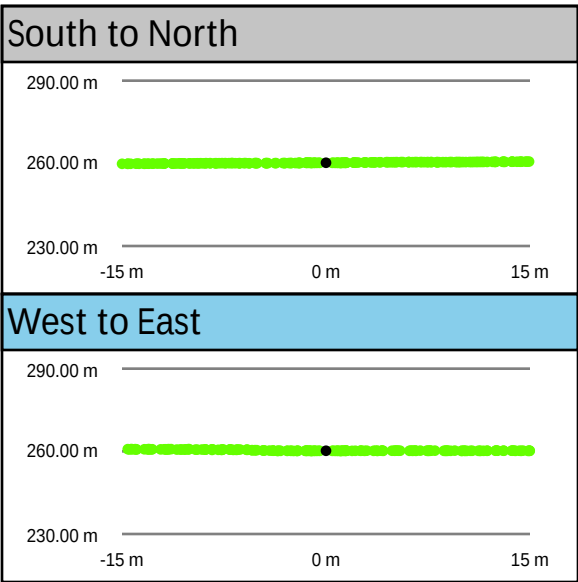
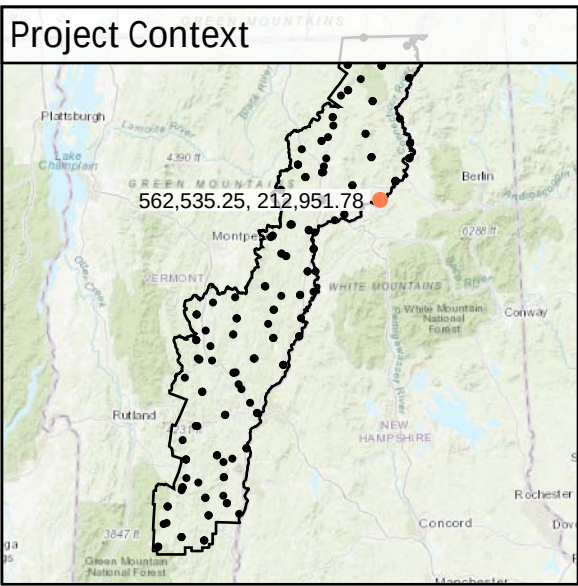






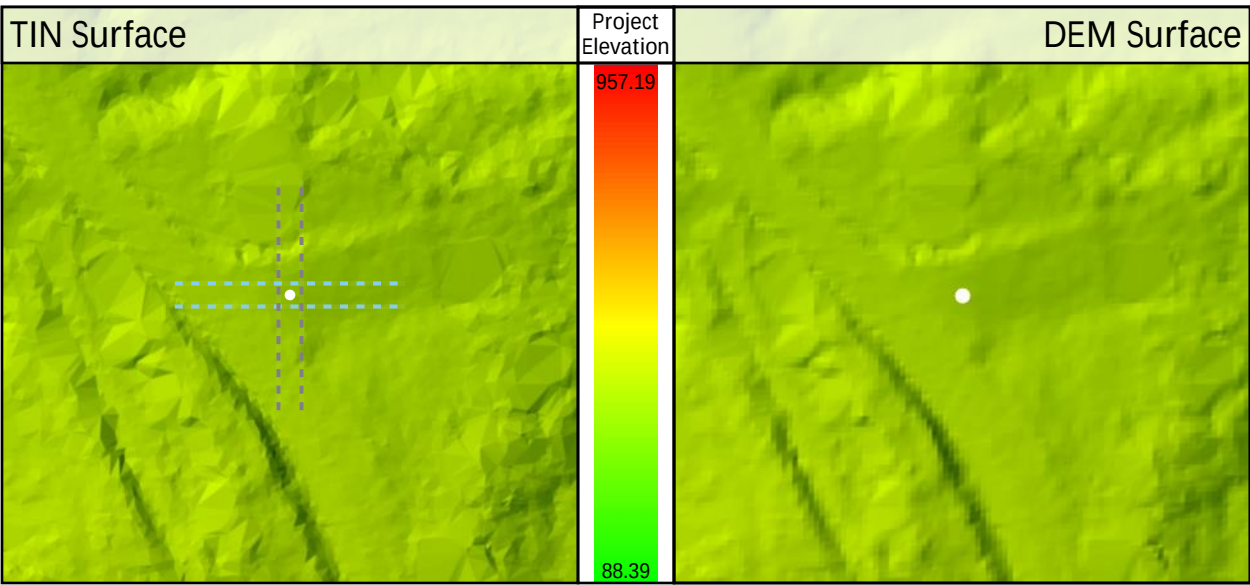
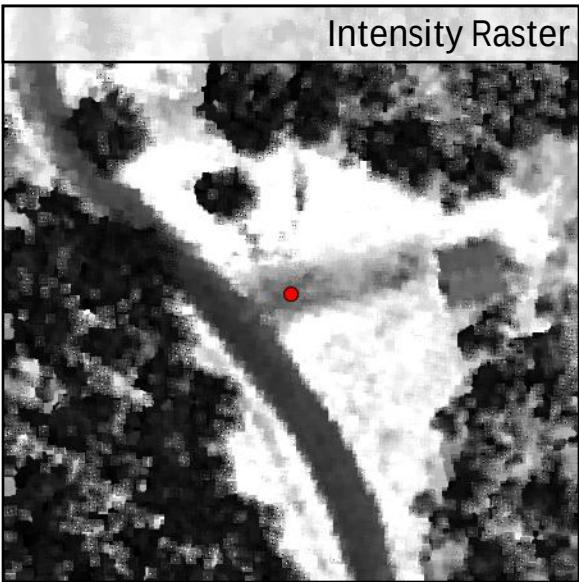
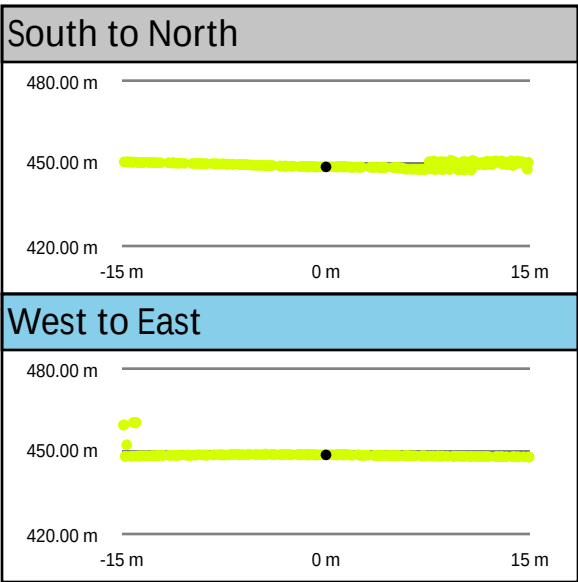
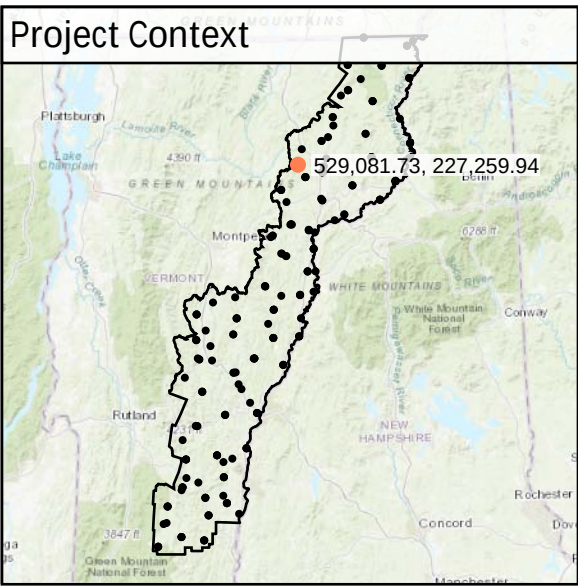


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE30 | Known Z    | 260.21 m | Point Density  | 1.95 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 2.59 °    |

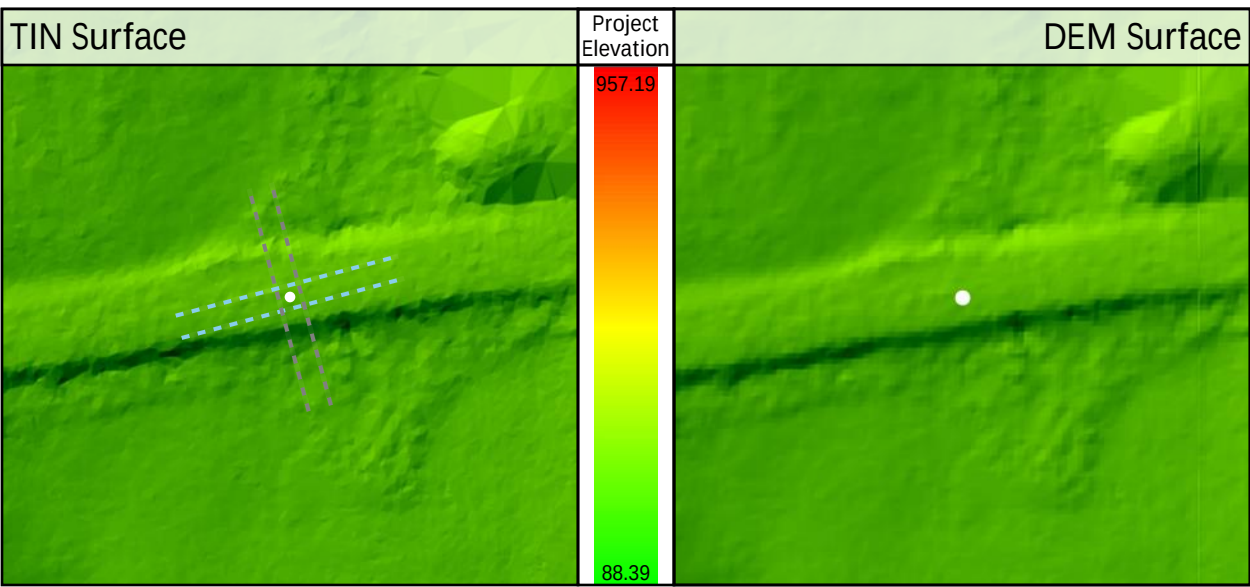
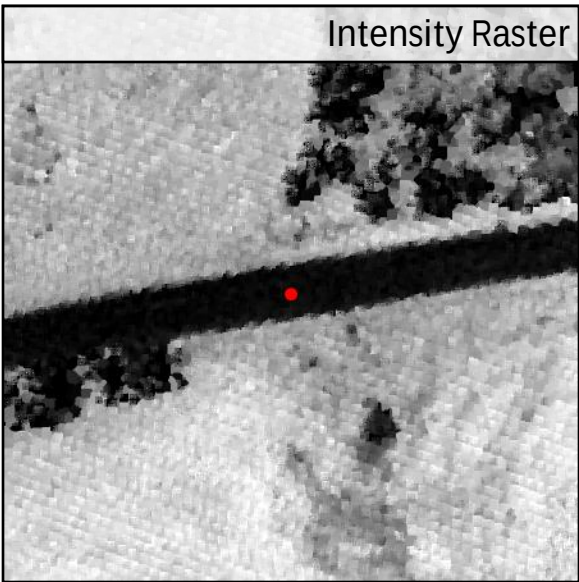
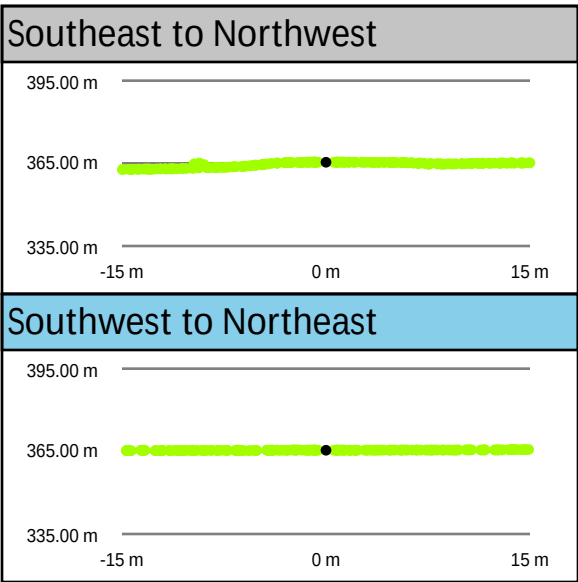
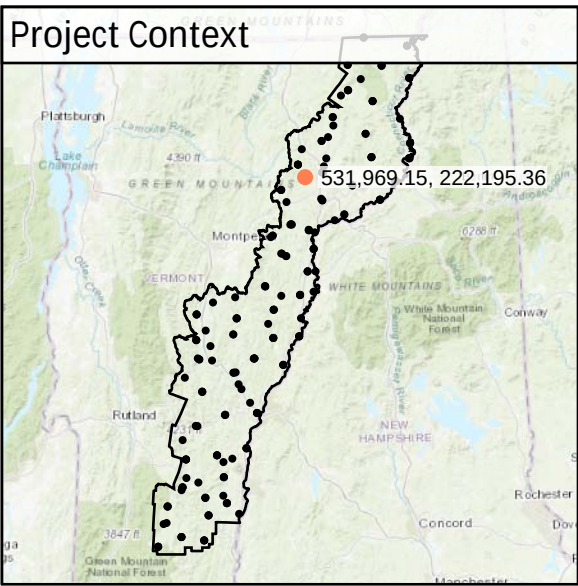




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE31 | Known Z    | 448.72 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.04 m   | Slope          | 4.82 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE32 | Known Z    | 365.39 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 2.04 °    |

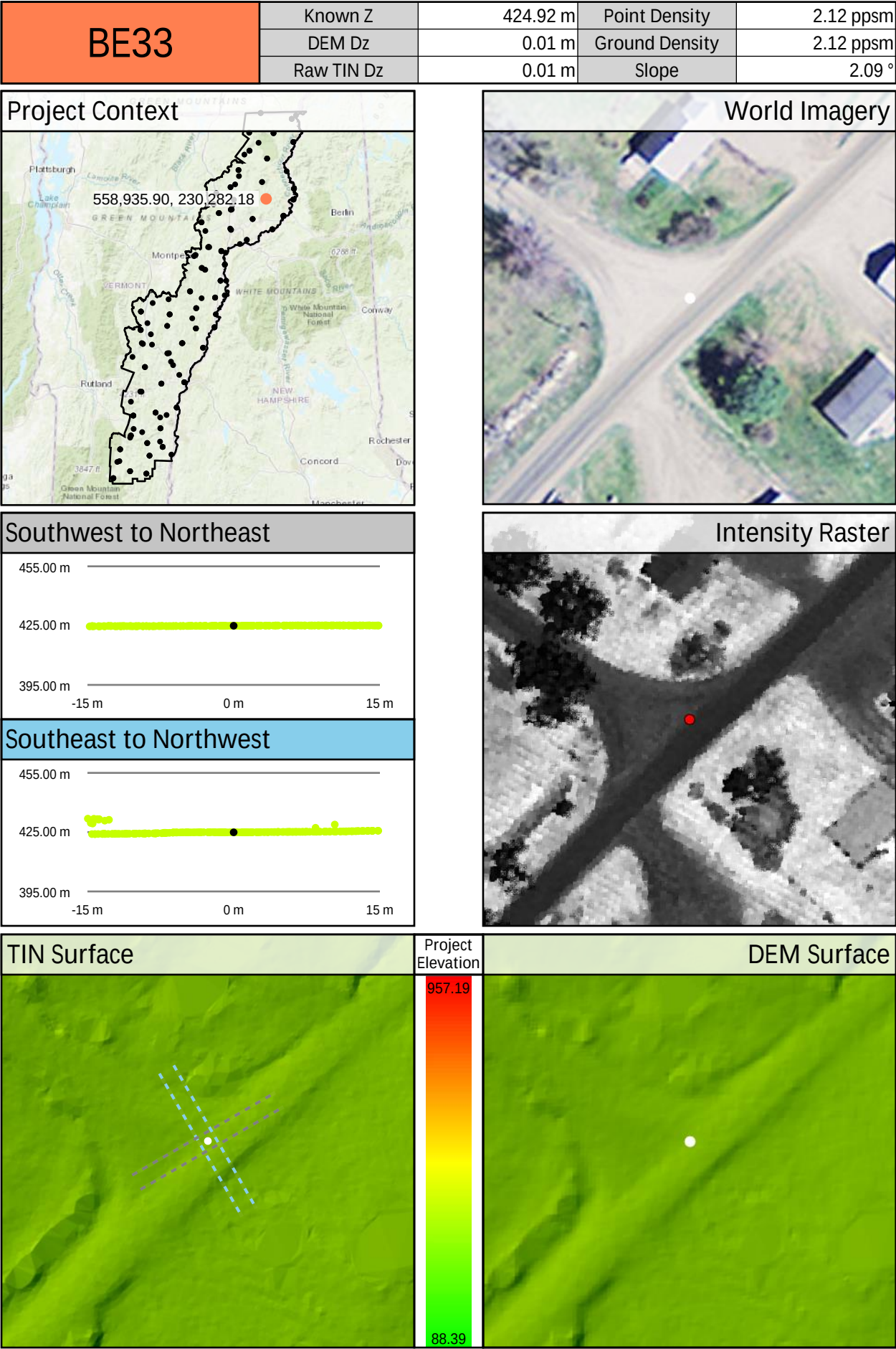


DEM Dz +0.04 m

NVA - BE32

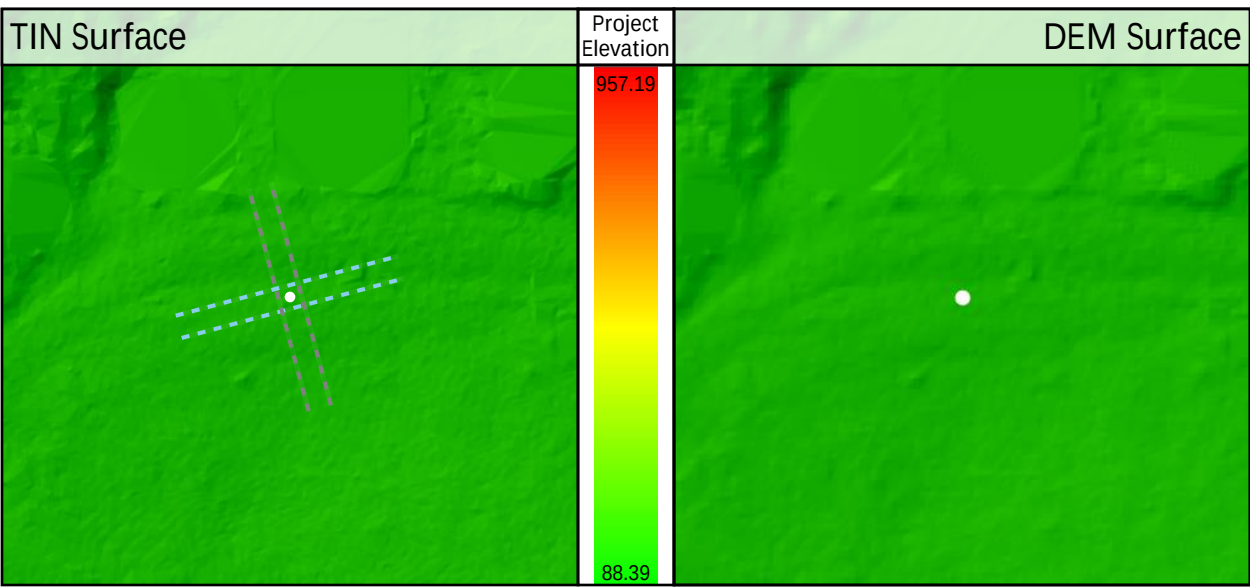
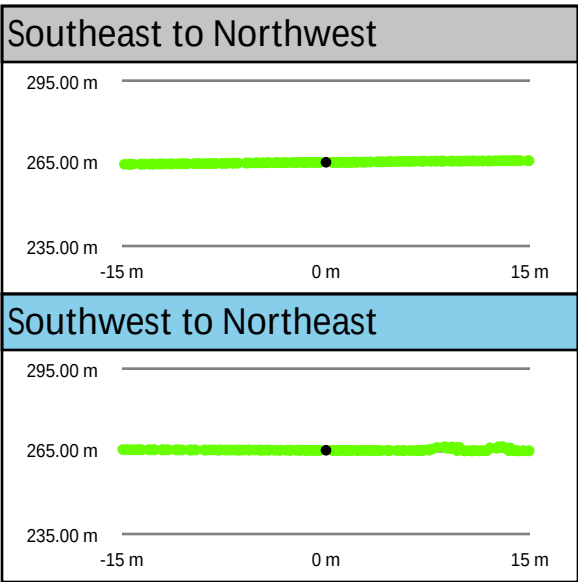
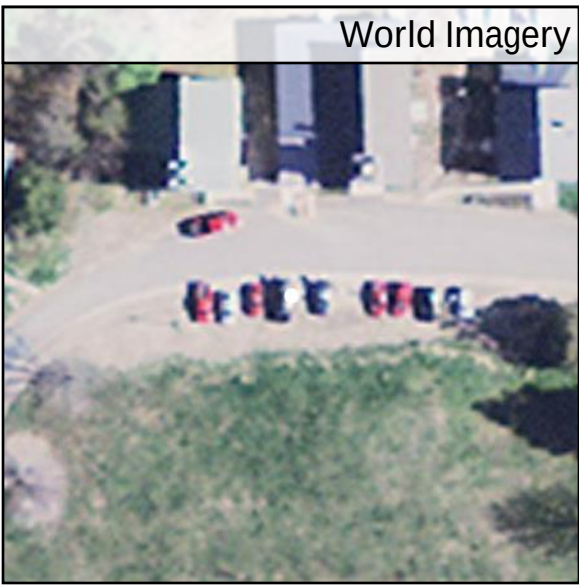
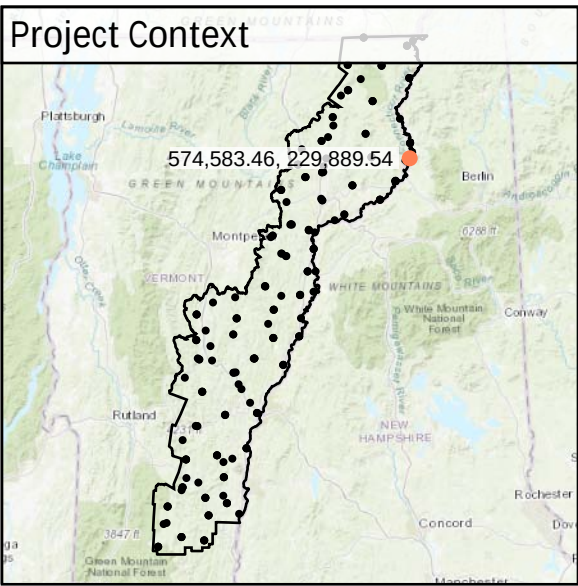
Raw TIN Dz +0.01 m



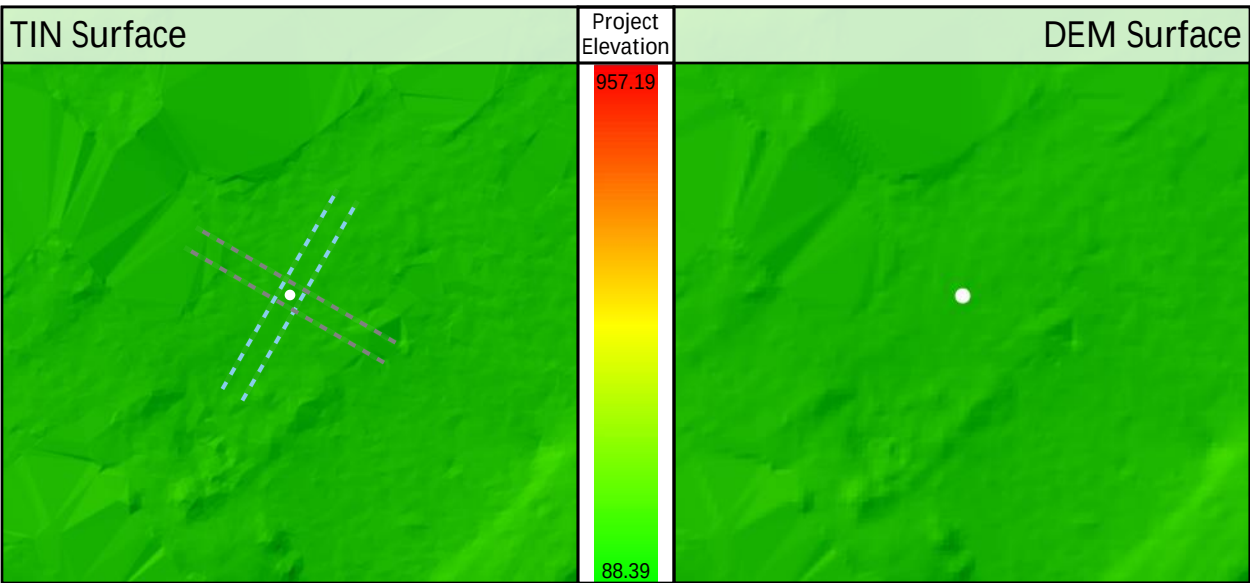
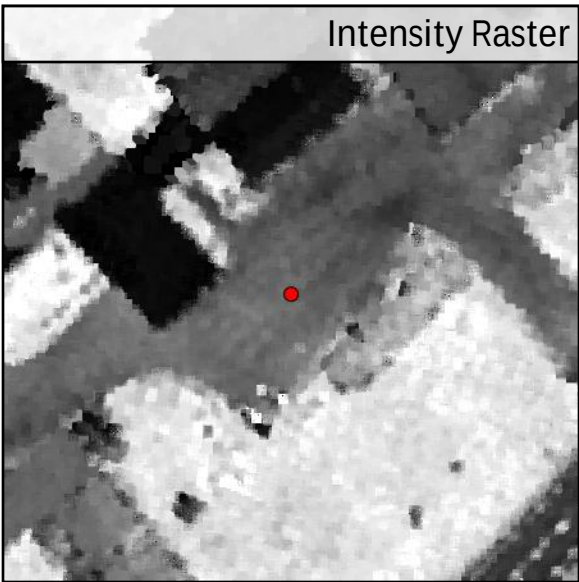
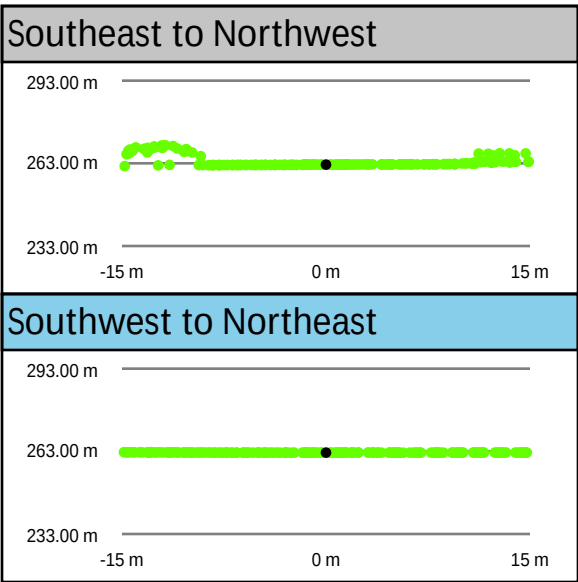
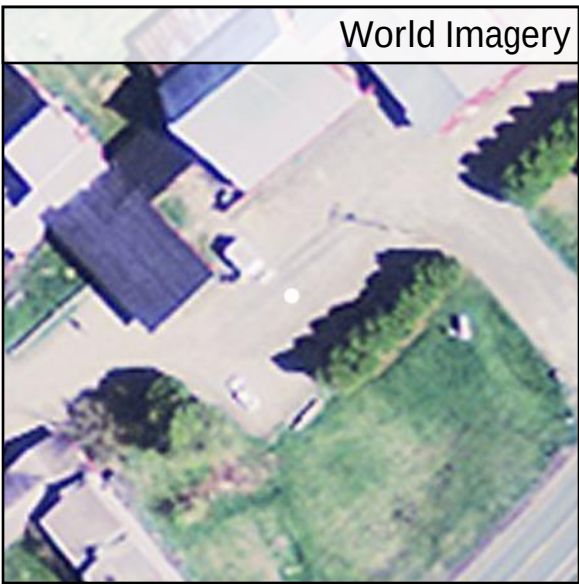
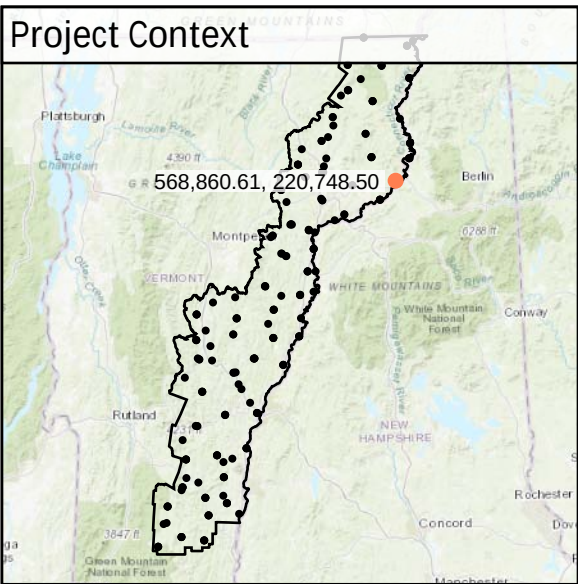




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE34 | Known Z    | 265.39 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 1.89 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE35 | Known Z    | 262.53 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.70 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.73 °    |

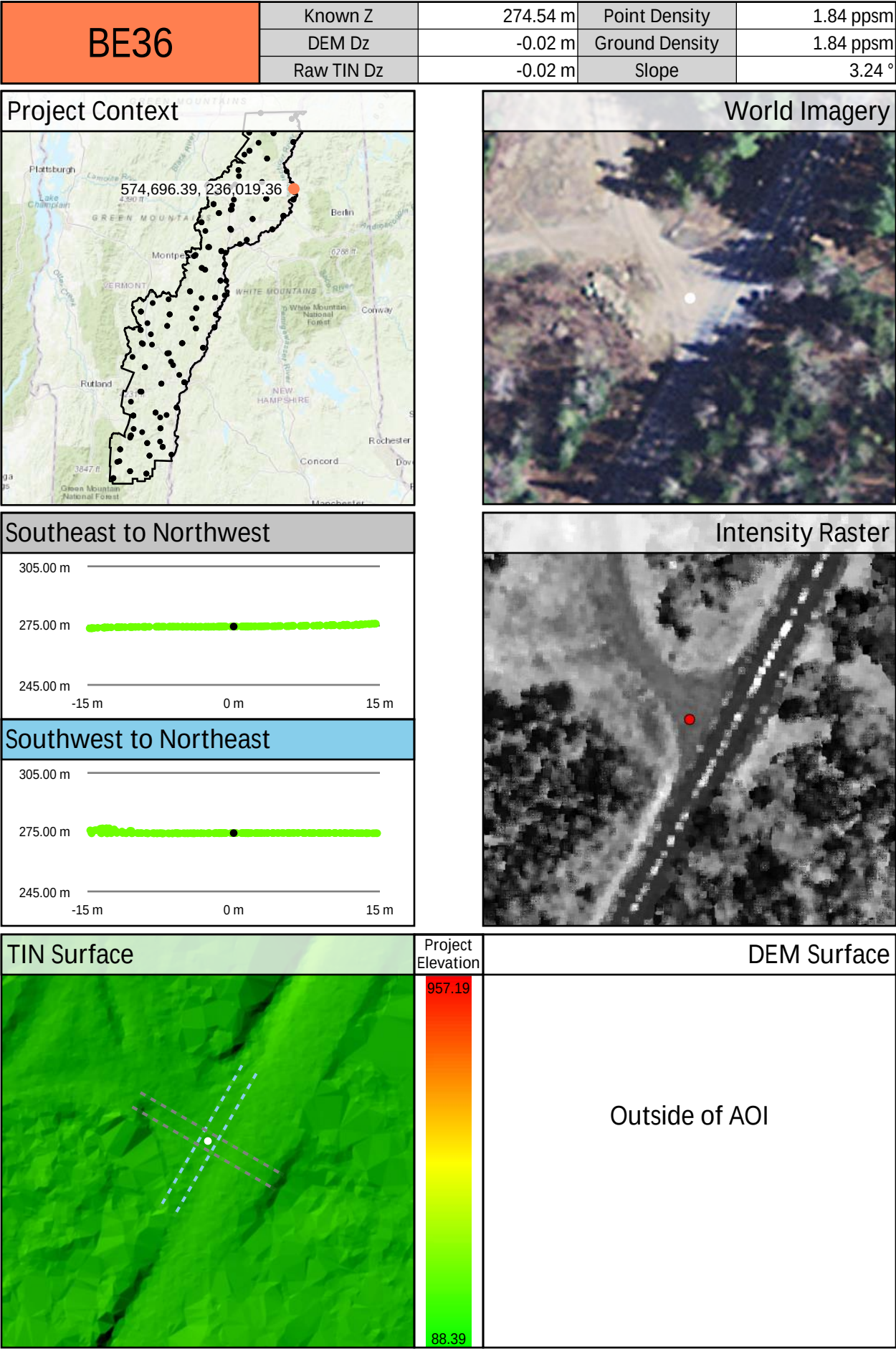


DEM Dz +0.02 m

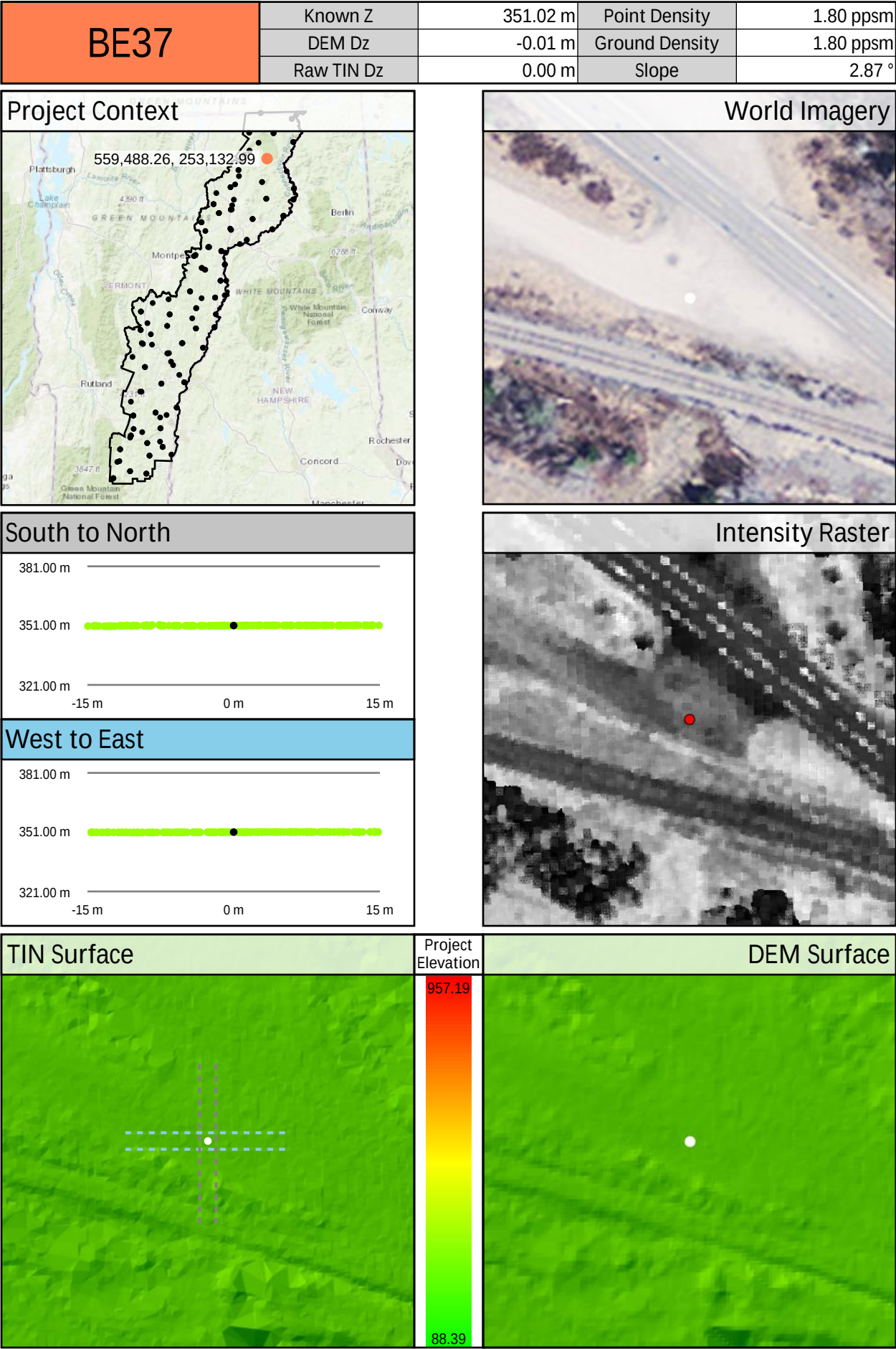
NVA - BE35

Raw TIN Dz +0.02 m

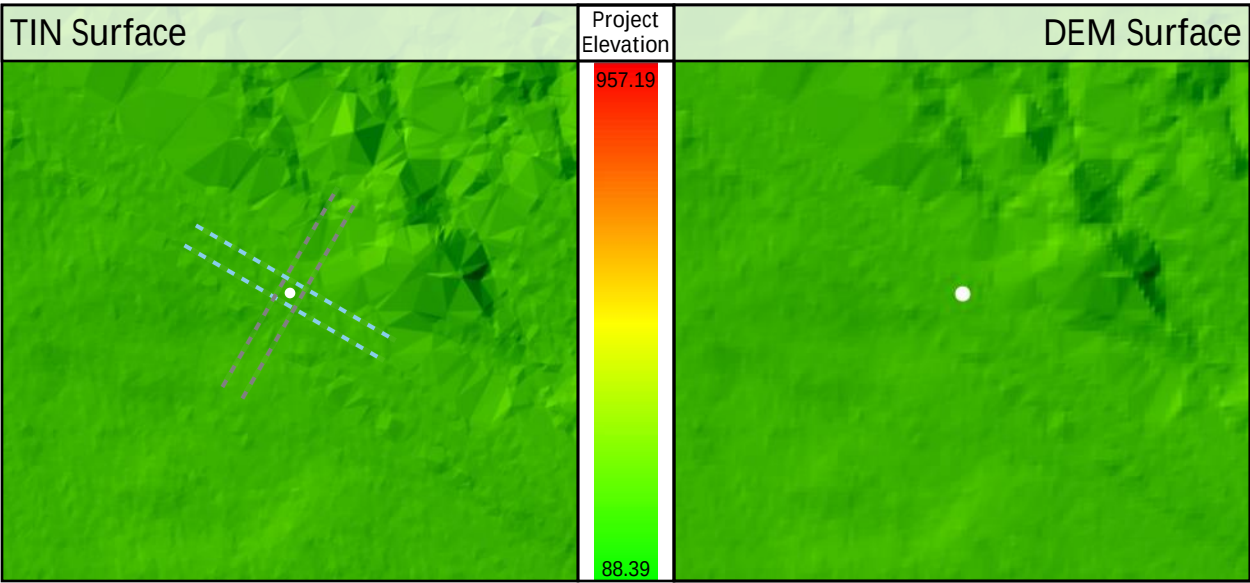
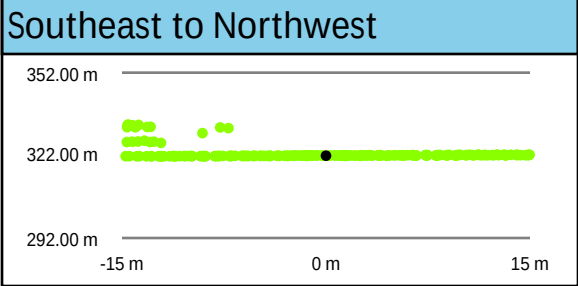
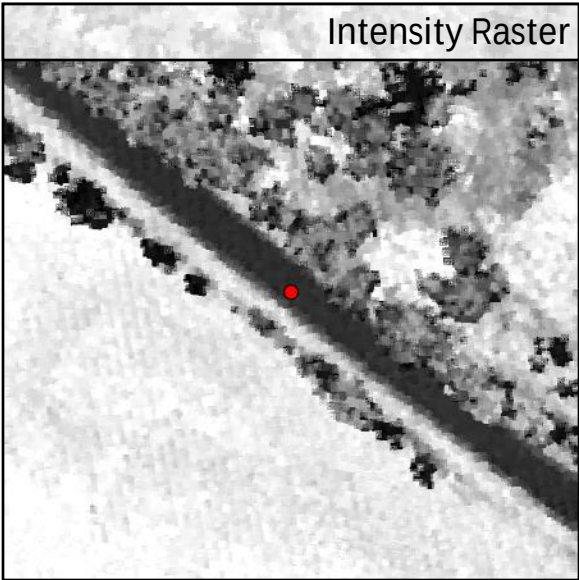
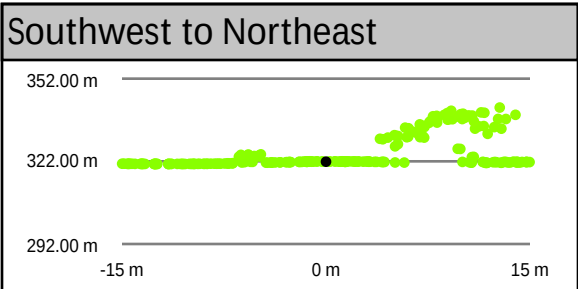
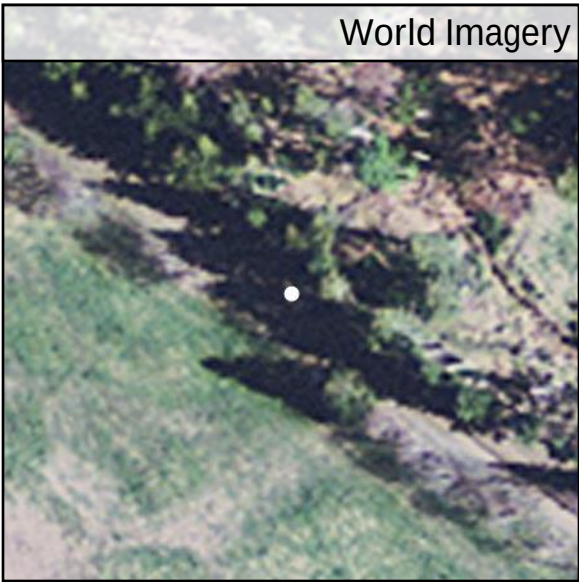
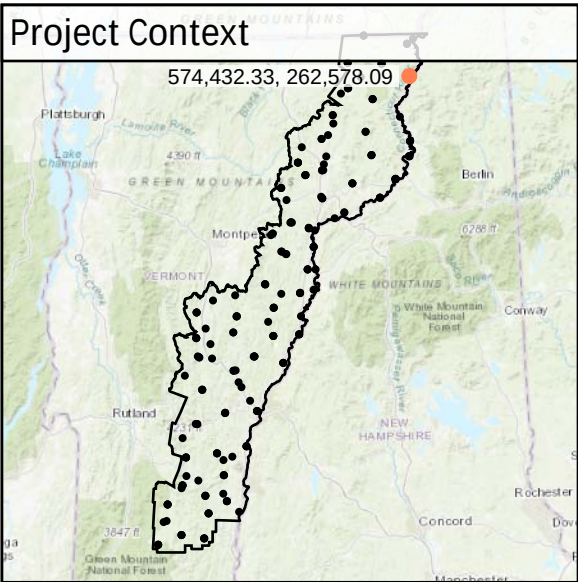






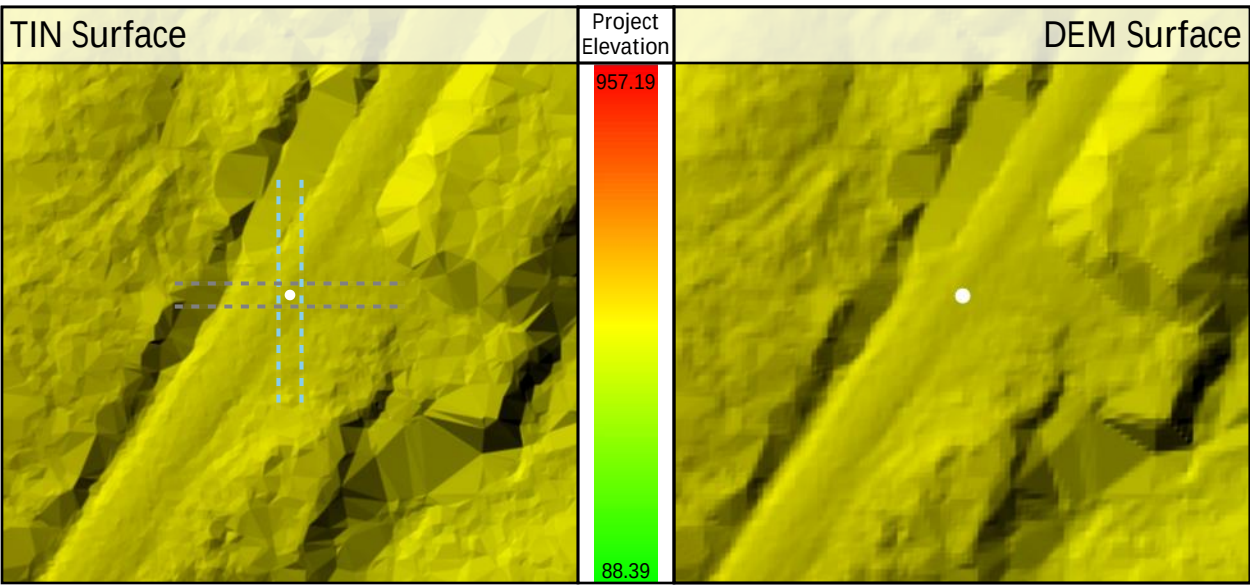
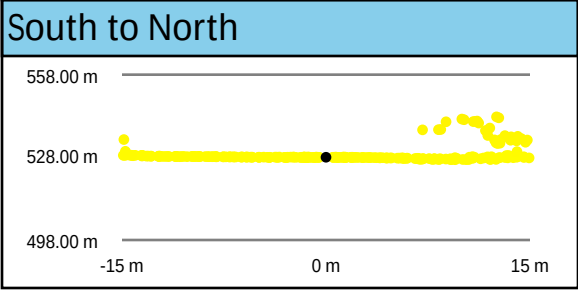
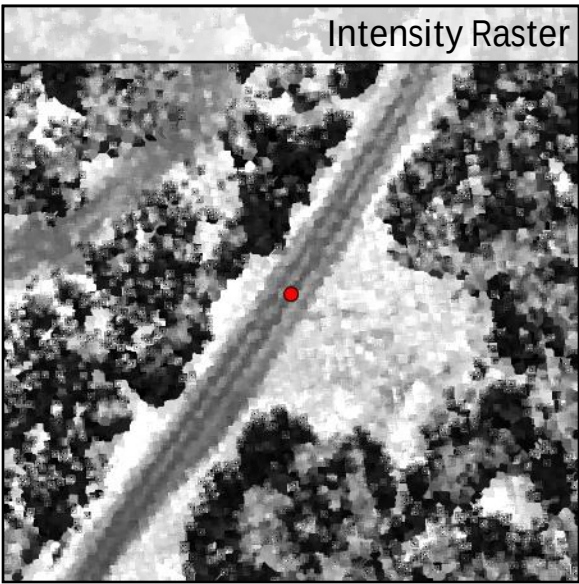
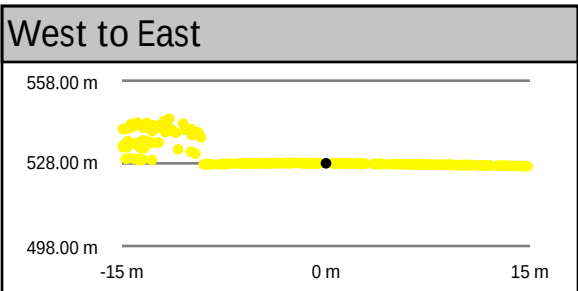
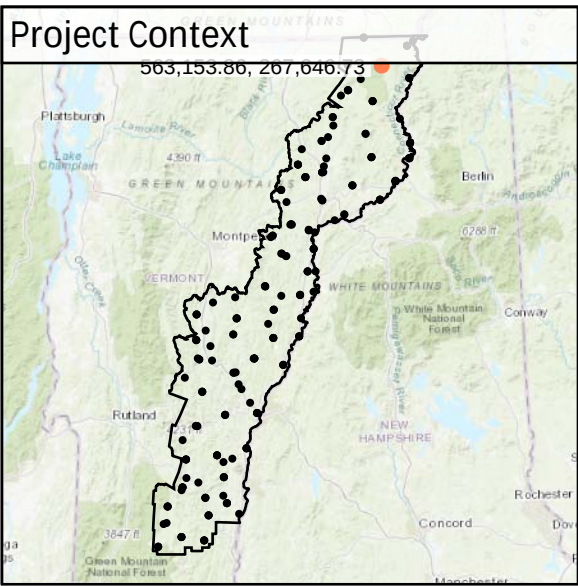


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE38 | Known Z    | 321.87 m | Point Density  | 2.05 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 2.05 ppsm |
|      | Raw TIN Dz | 0.06 m   | Slope          | 3.73 °    |





|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE39 | Known Z    | 528.03 m | Point Density  | 2.33 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 2.30 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 3.83 °    |



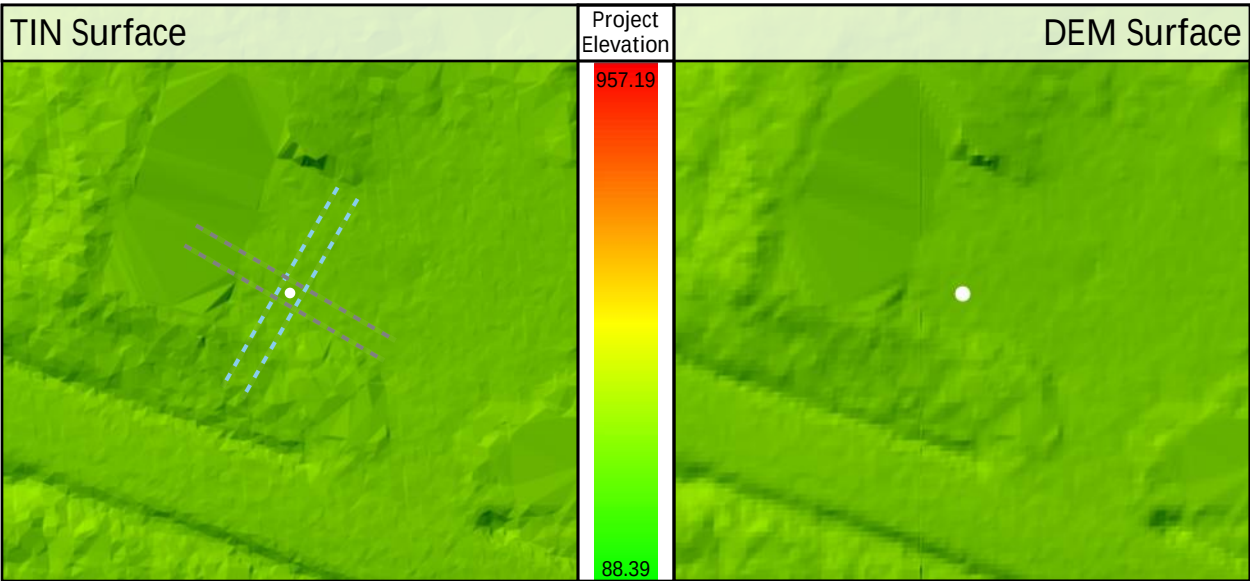
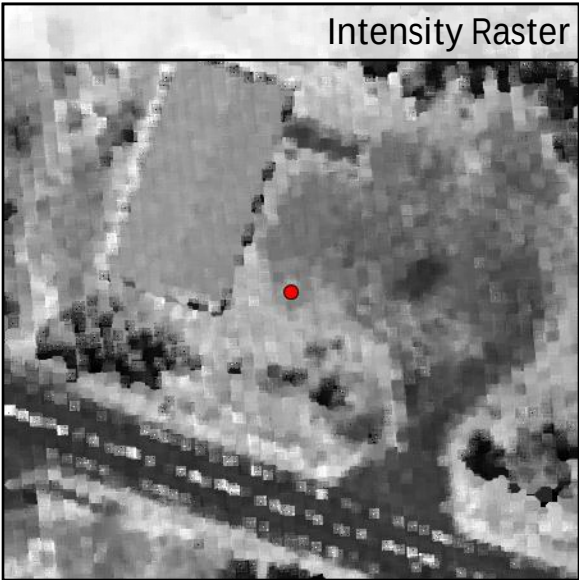
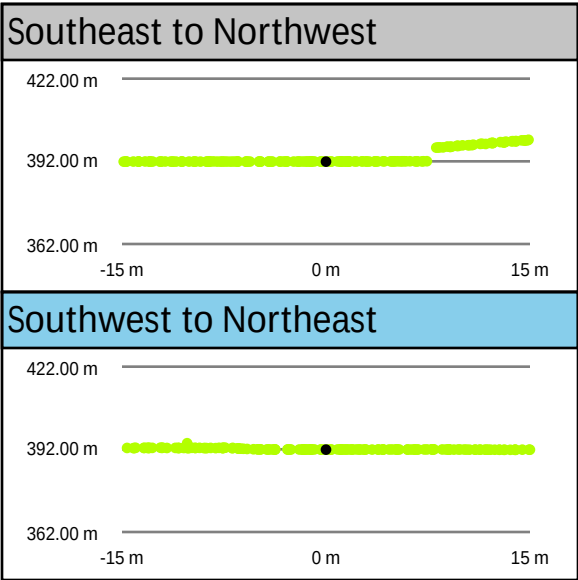
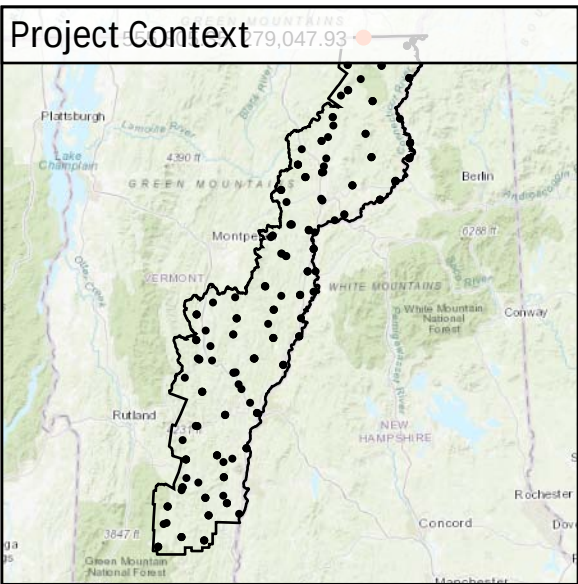
DEM Dz -0.01 m

NVA - BE39

Raw TIN Dz 0.00 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE40 | Known Z    | 391.89 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.66 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 1.33 °    |

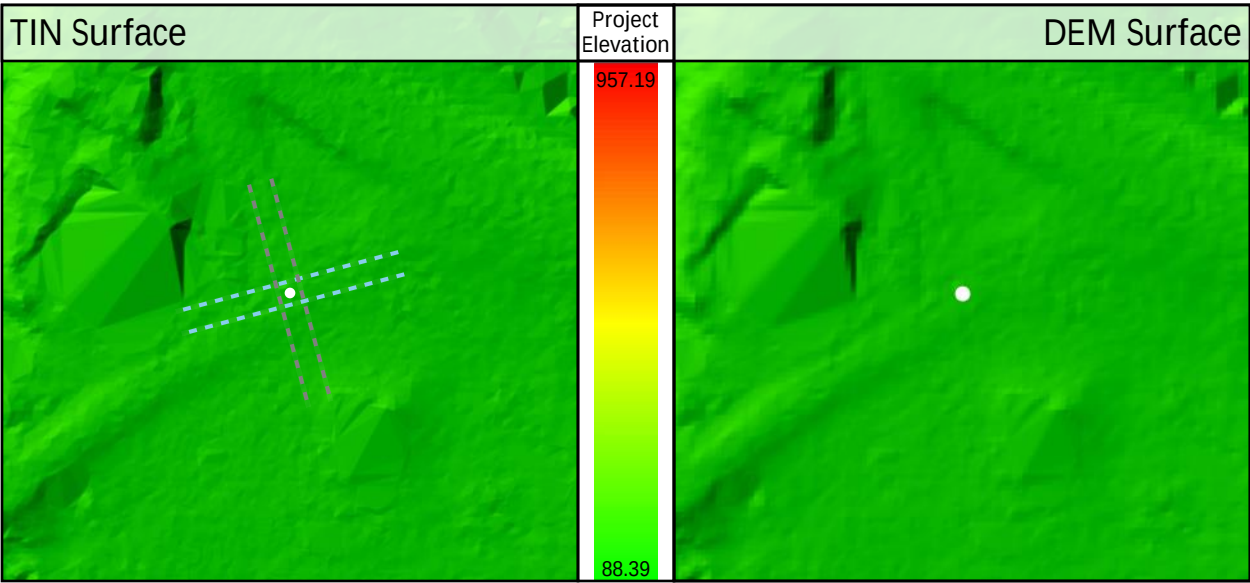
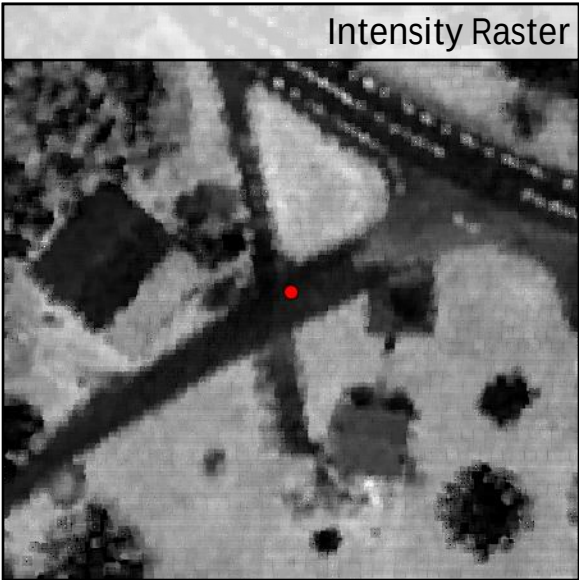
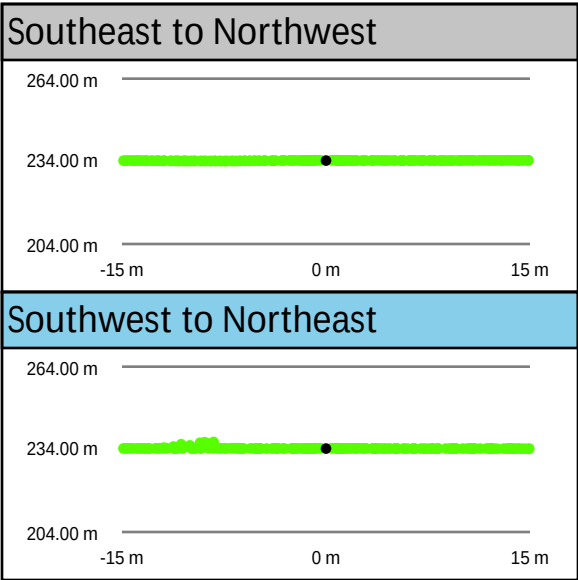
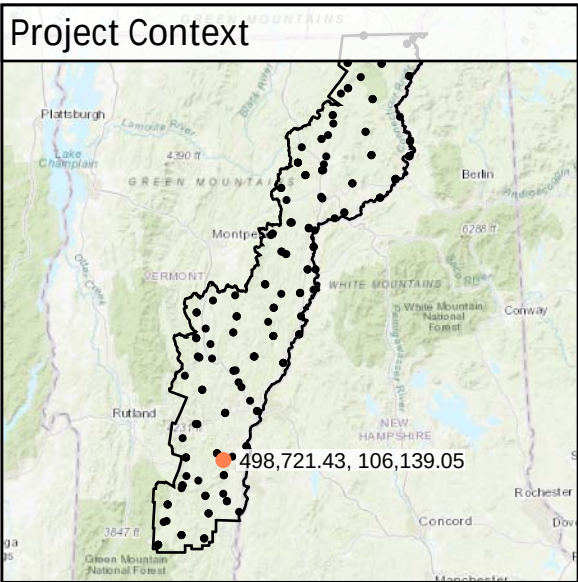


DEM Dz +0.04 m

NVA - BE40

Raw TIN Dz +0.05 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE41 | Known Z    | 234.27 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.09 m   | Slope          | 1.43 °    |

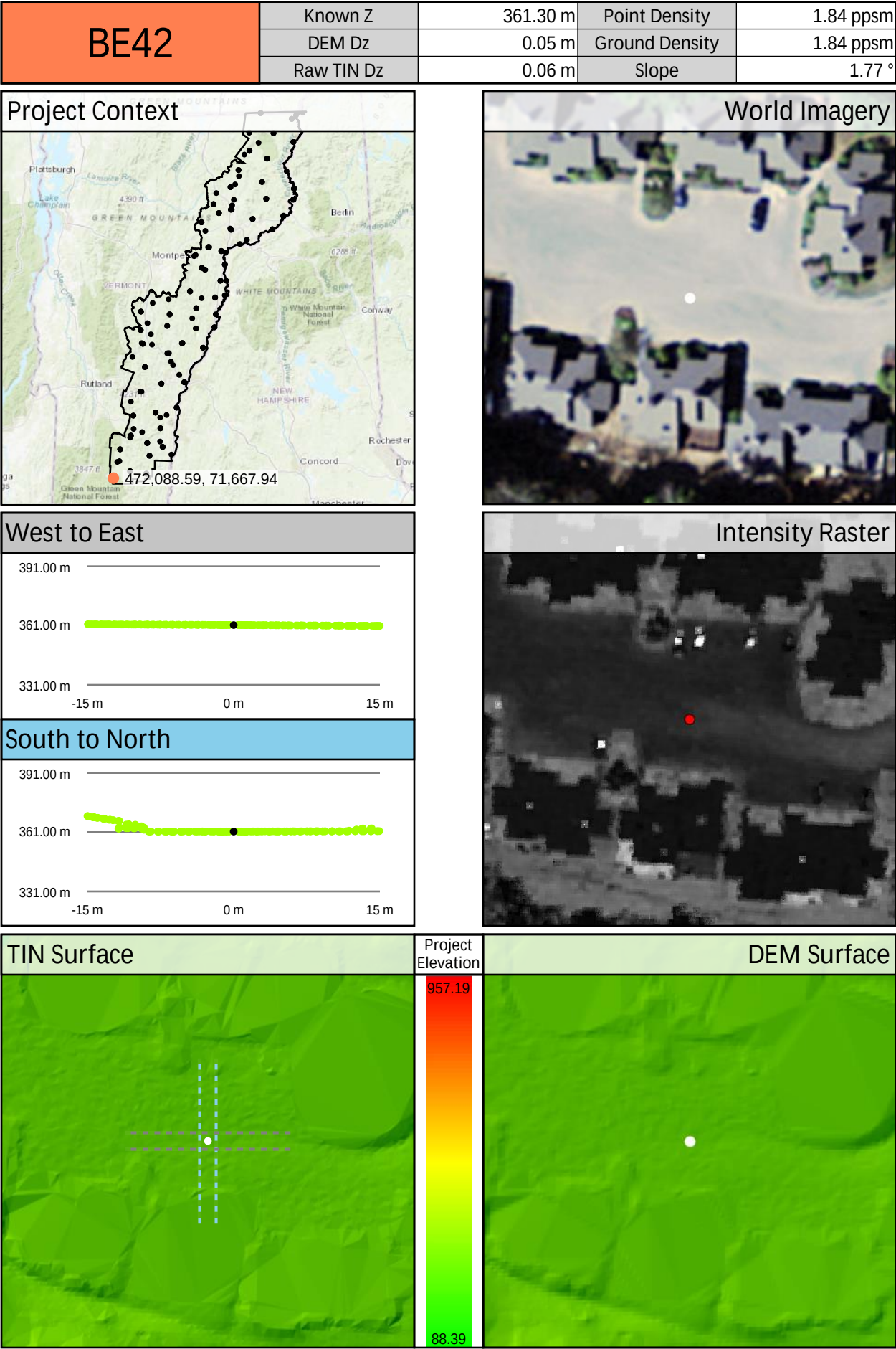


DEM Dz +0.09 m

NVA - BE41

Raw TIN Dz +0.09 m



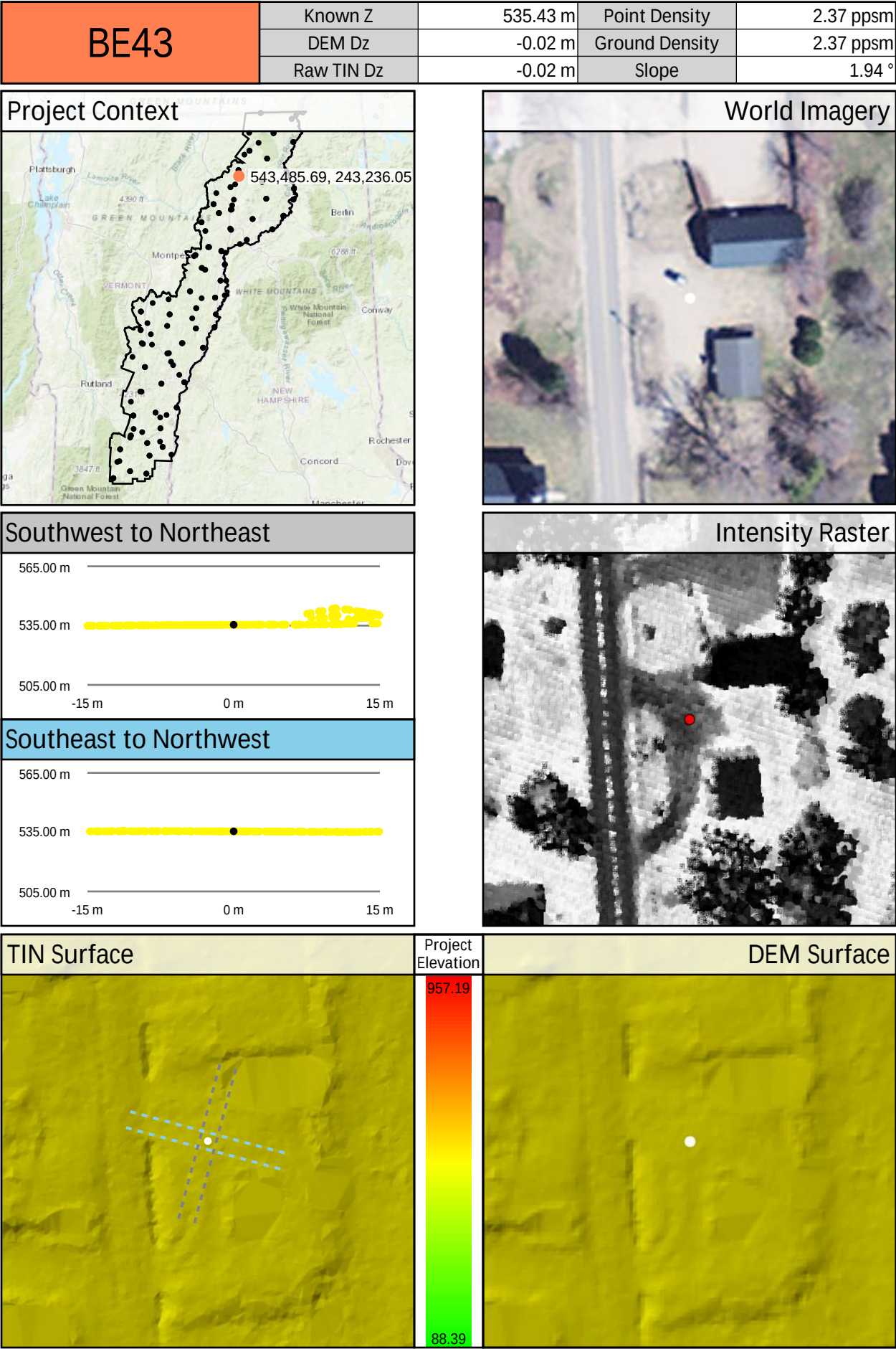


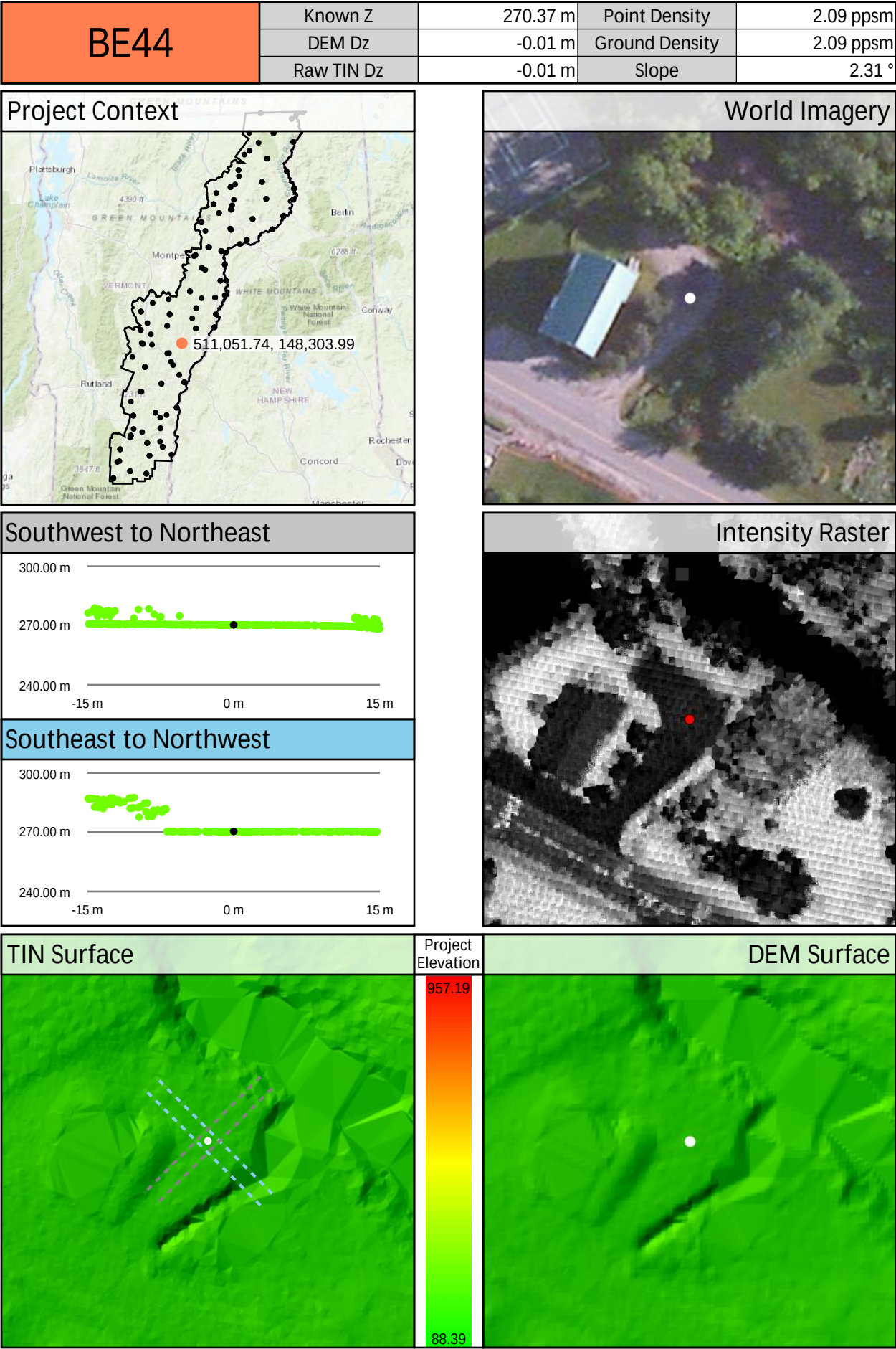
DEM Dz +0.05 m

NVA - BE42

Raw TIN Dz +0.06 m

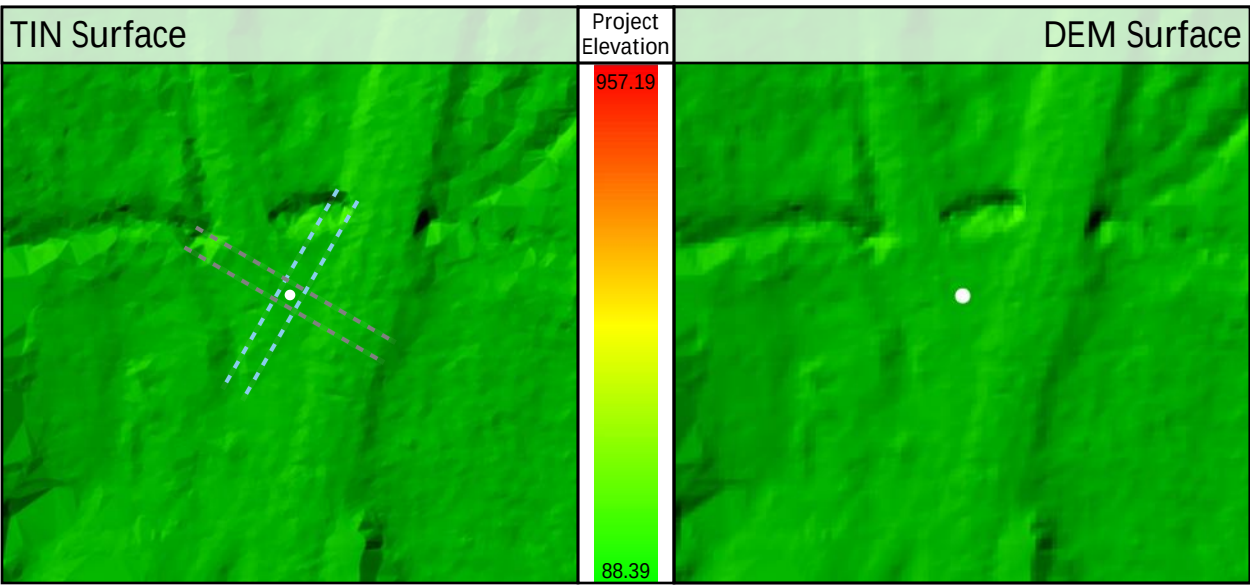
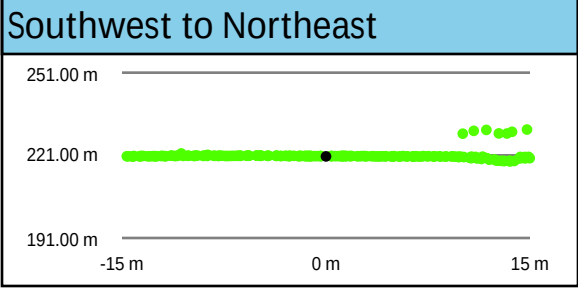
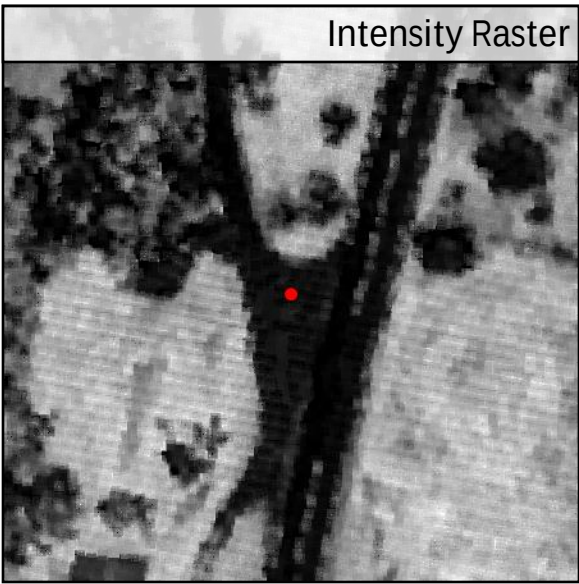
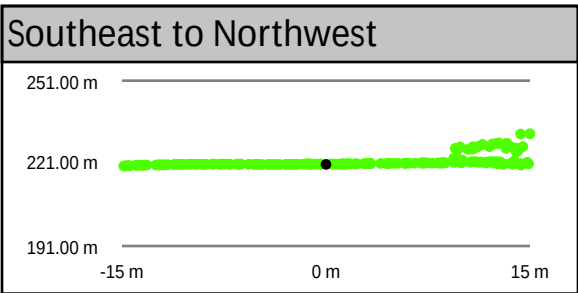
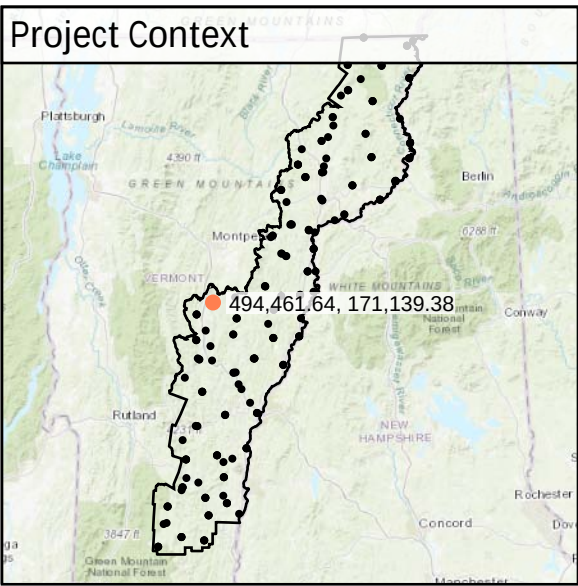








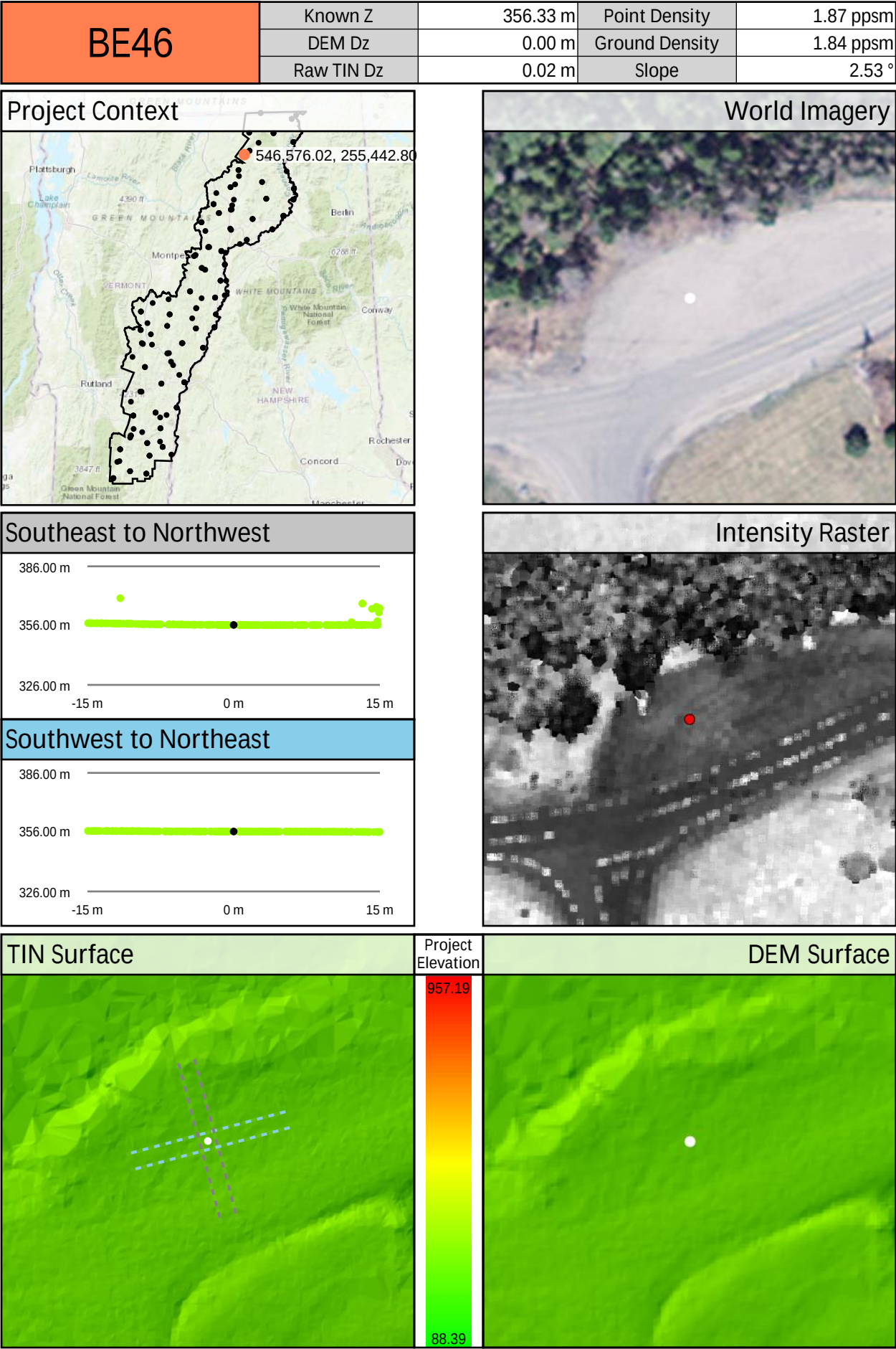
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE45 | Known Z    | 220.61 m | Point Density  | 1.95 ppsm |
|      | DEM Dz     | 0.11 m   | Ground Density | 1.95 ppsm |
|      | Raw TIN Dz | 0.11 m   | Slope          | 1.98 °    |



DEM Dz +0.11 m

NVA - BE45

Raw TIN Dz +0.11 m



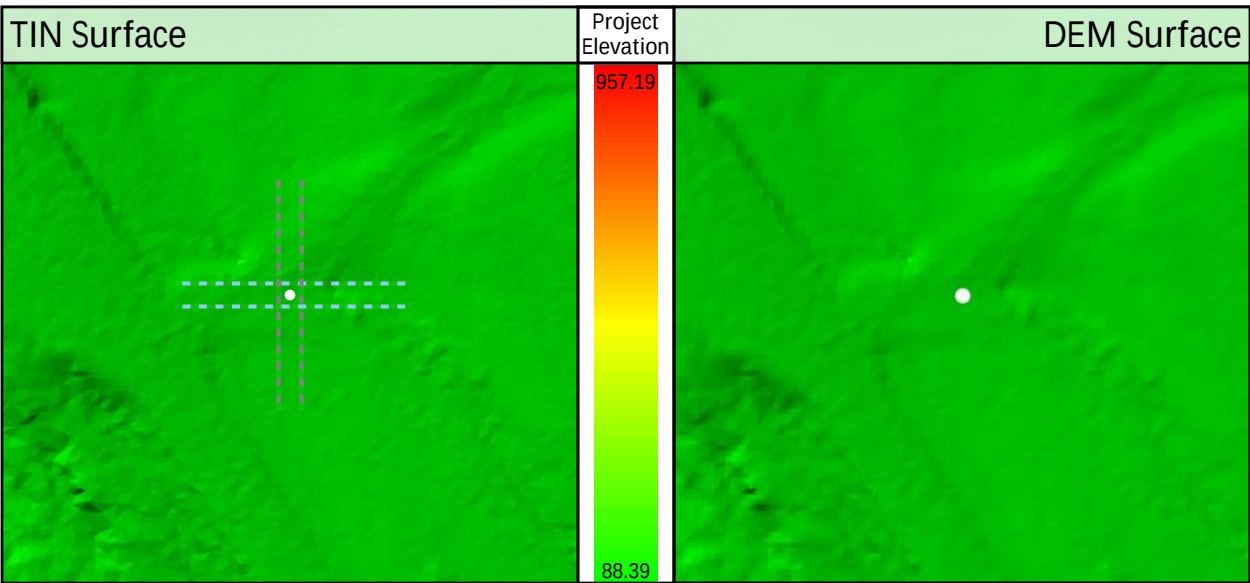
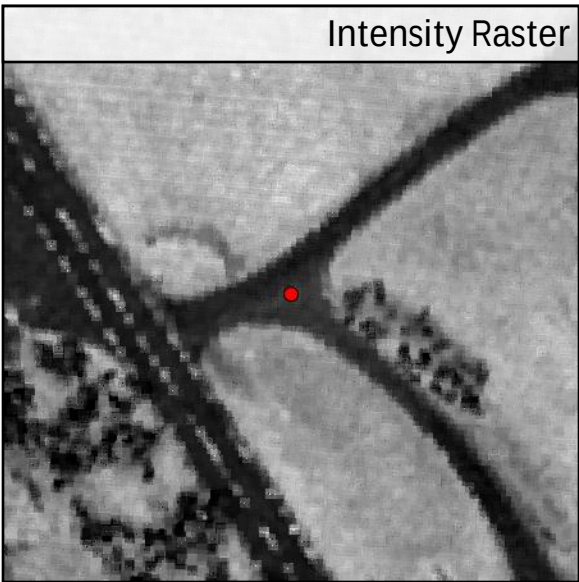
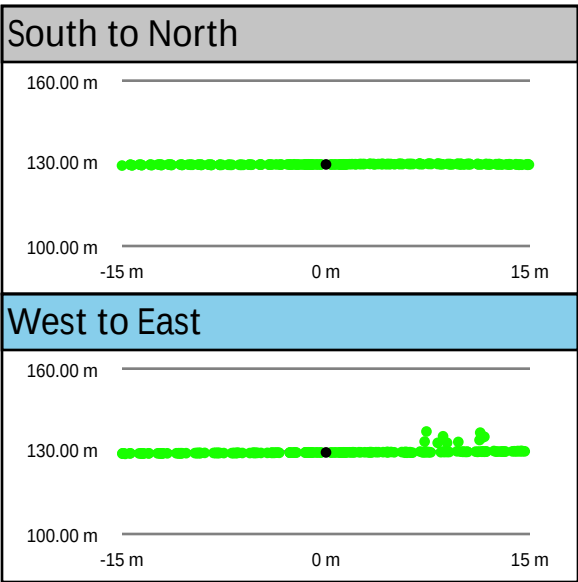
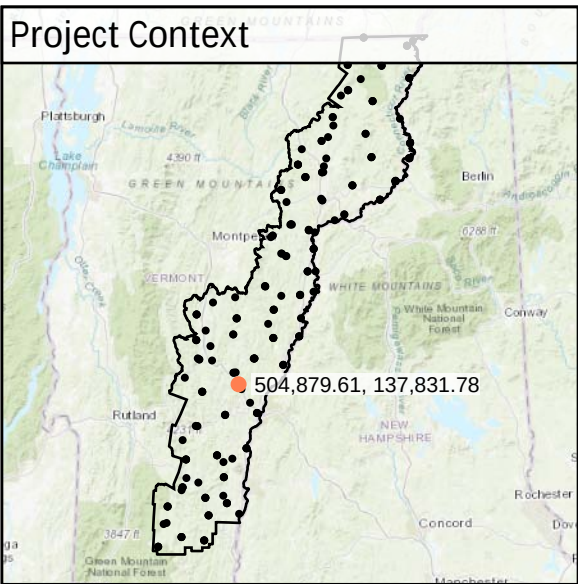
DEM Dz +0.00 m

NVA - BE46

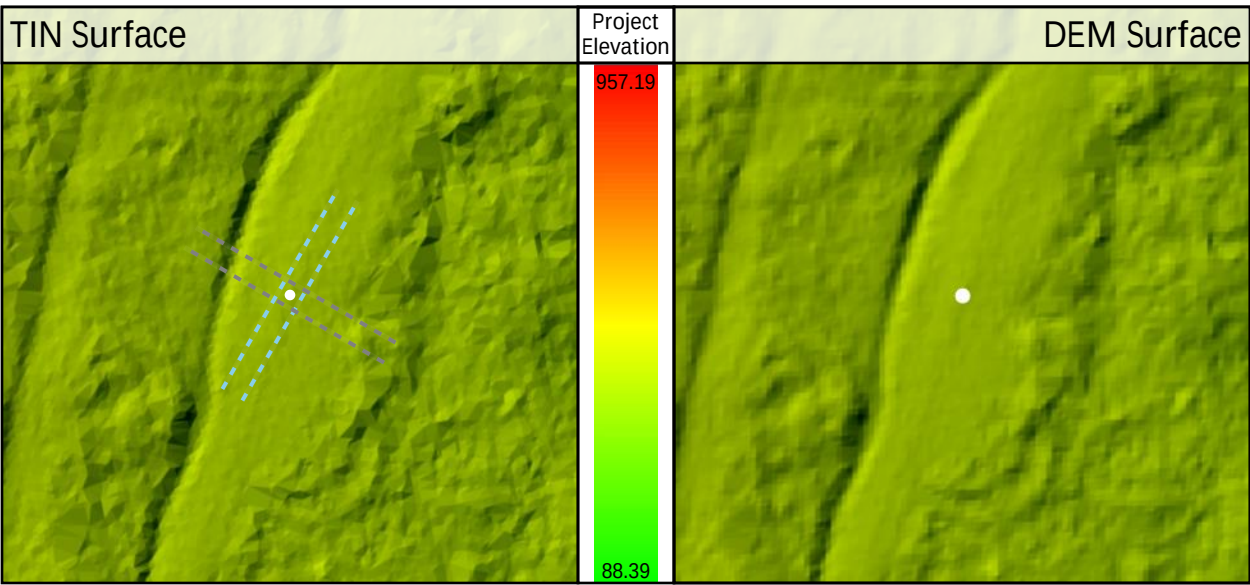
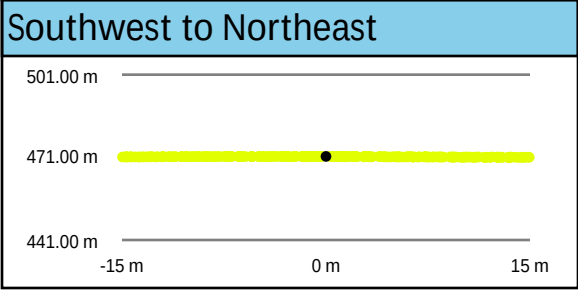
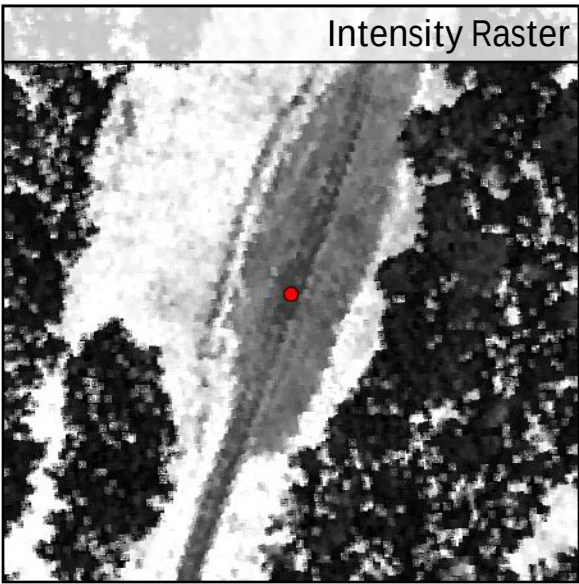
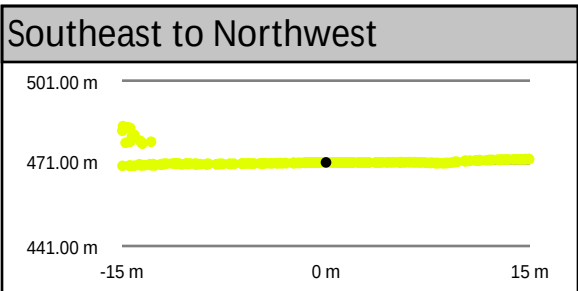
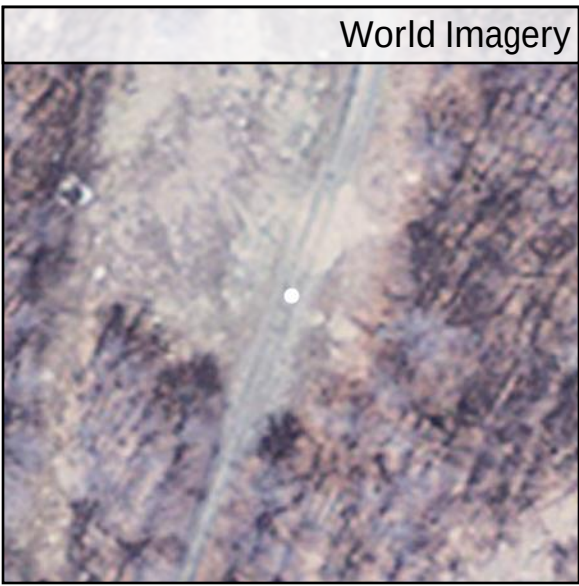
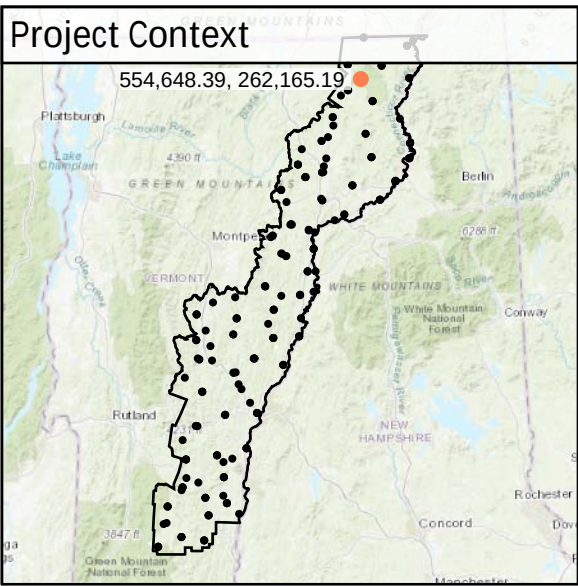
Raw TIN Dz +0.02 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE47 | Known Z    | 129.60 m | Point Density  | 1.95 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 1.95 ppsm |
|      | Raw TIN Dz | -0.03 m  | Slope          | 2.11 °    |

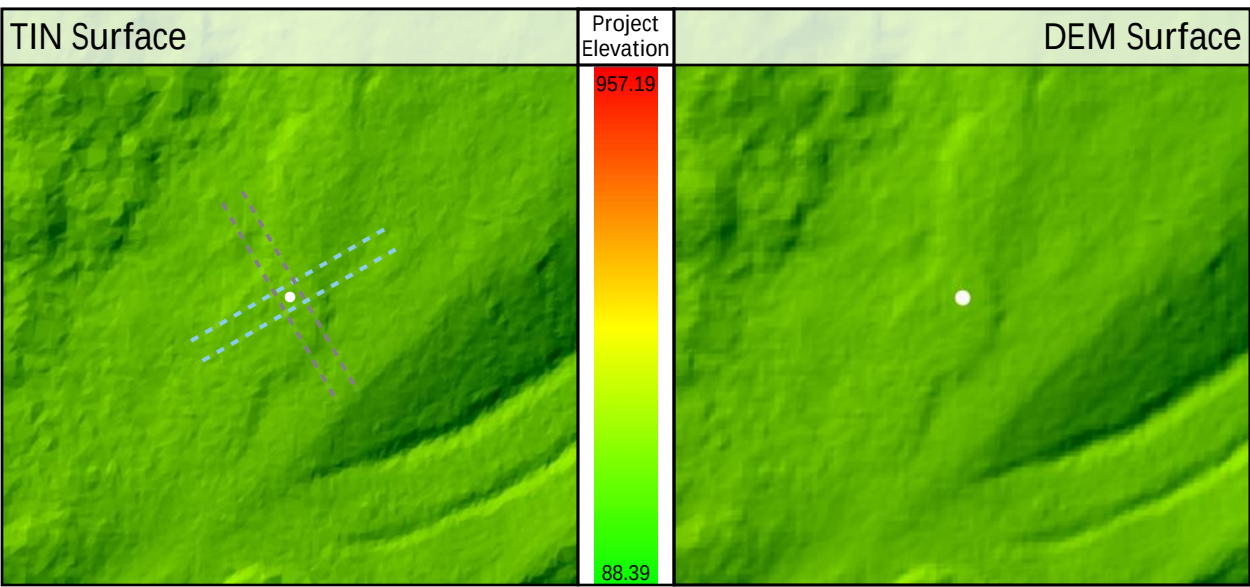
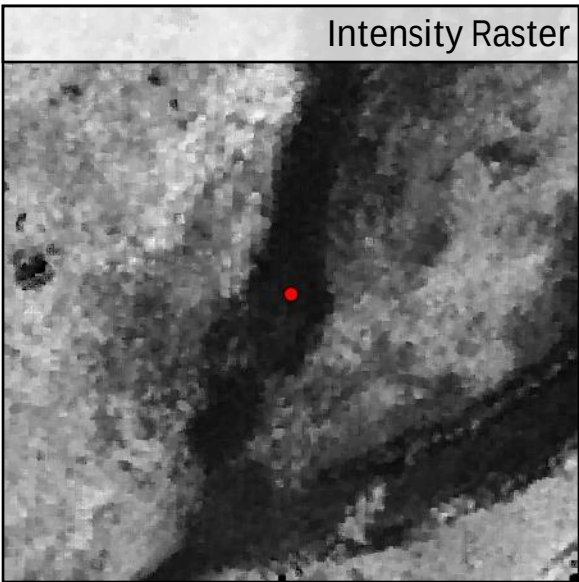
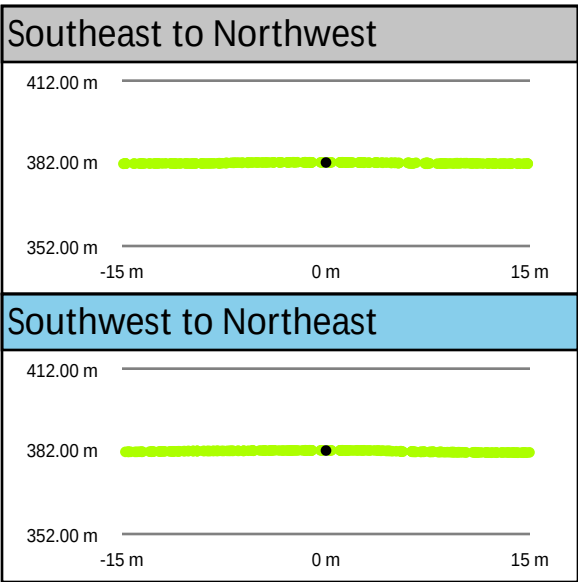
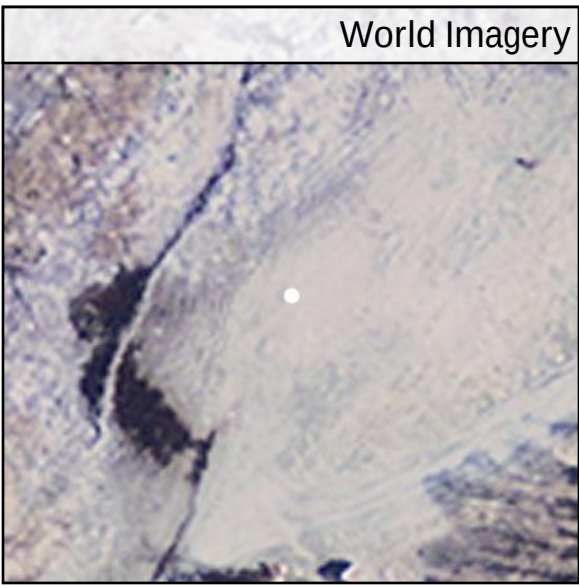
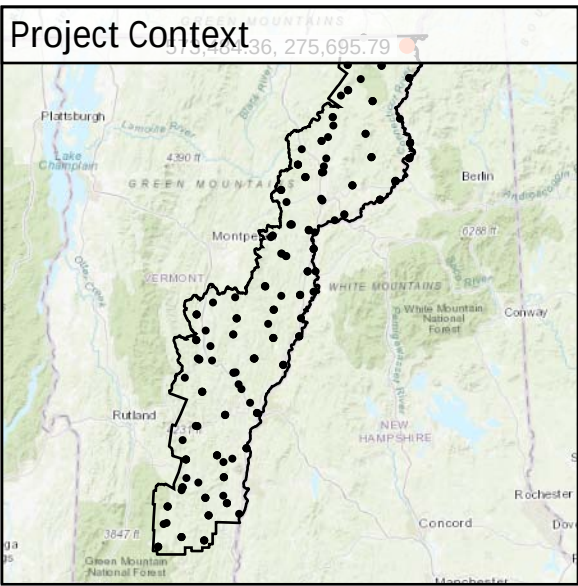


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE48 | Known Z    | 471.33 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 2.26 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 2.76 °    |

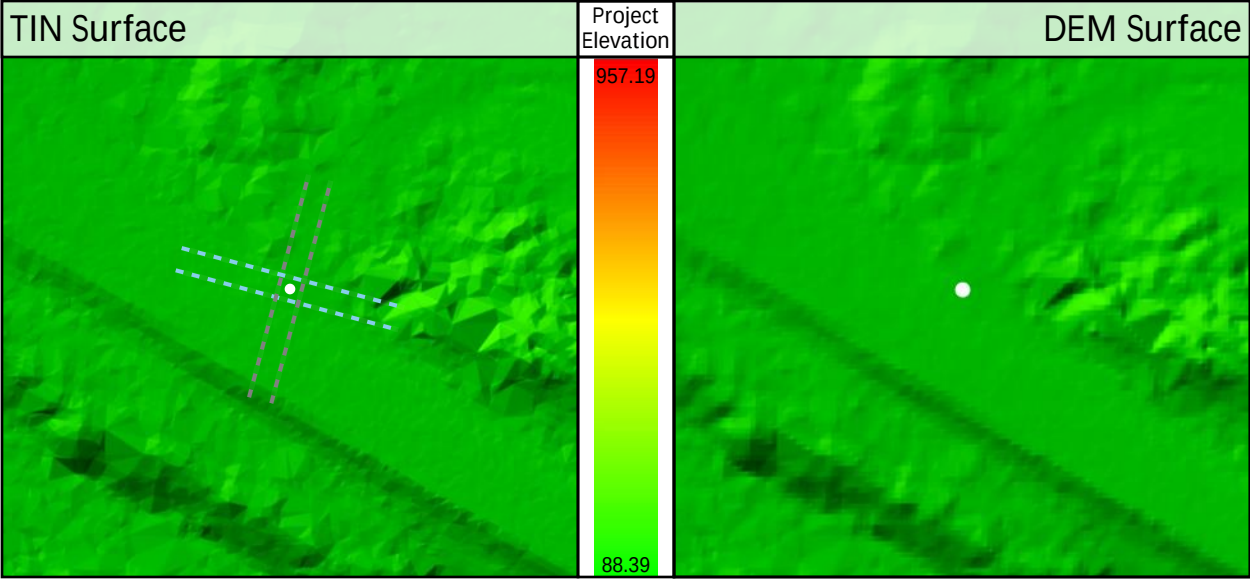
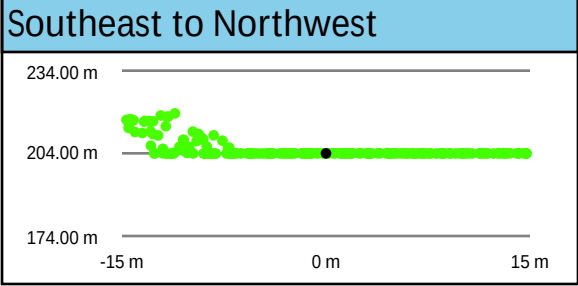
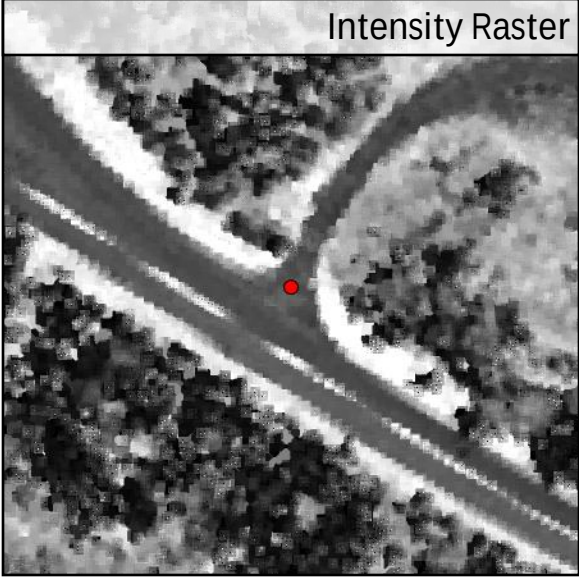
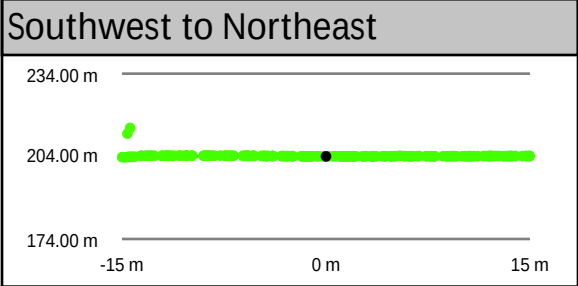
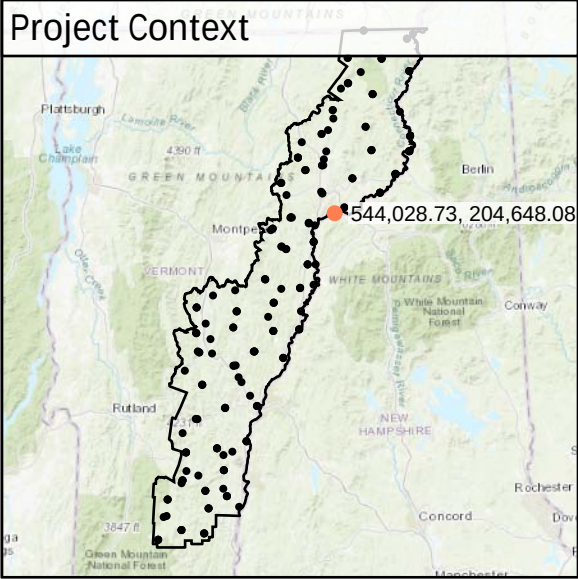




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE49 | Known Z    | 382.30 m | Point Density  | 2.44 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 2.37 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 0.78 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| BE50 | Known Z    | 203.99 m | Point Density  | 1.87 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 0.46 °    |



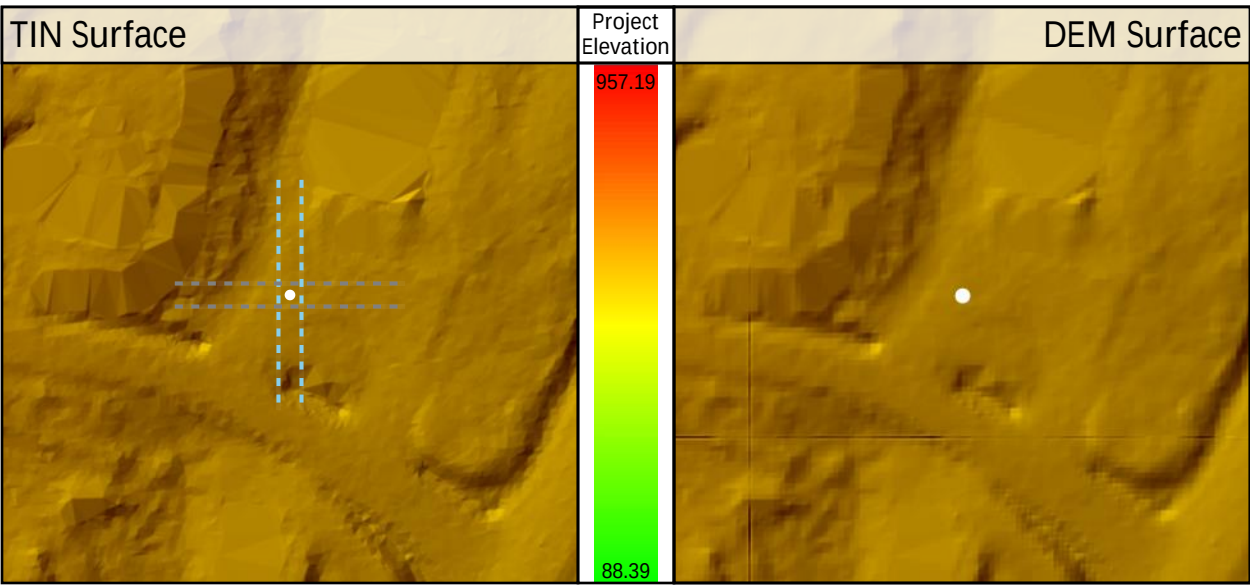
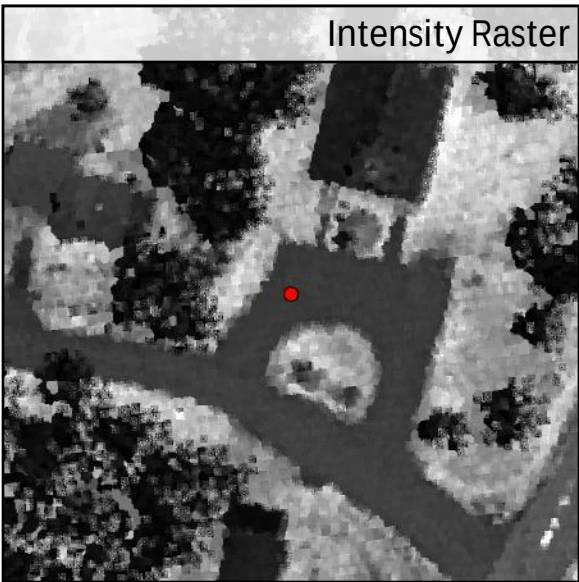
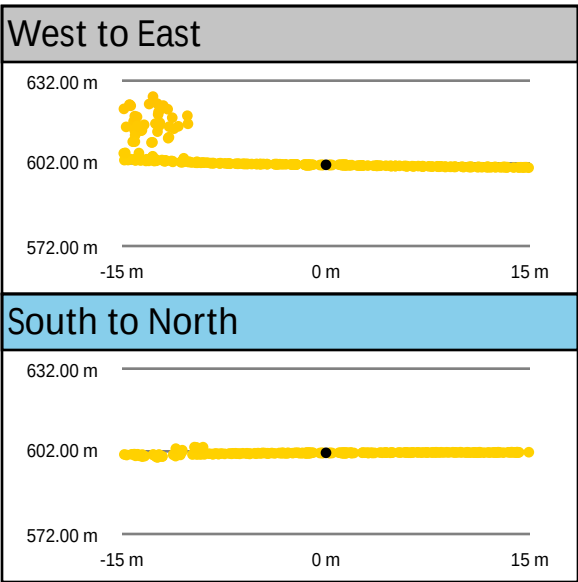
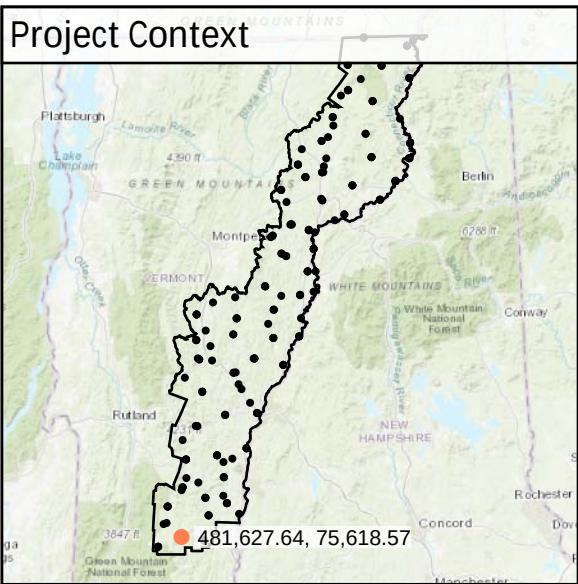
DEM Dz +0.01 m

NVA - BE50

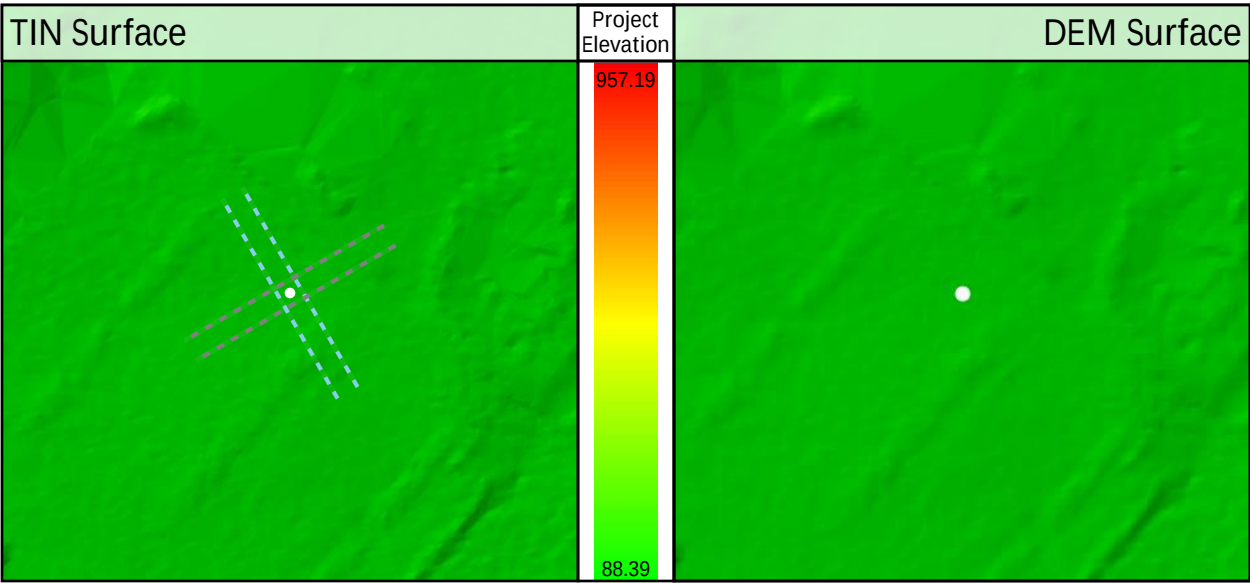
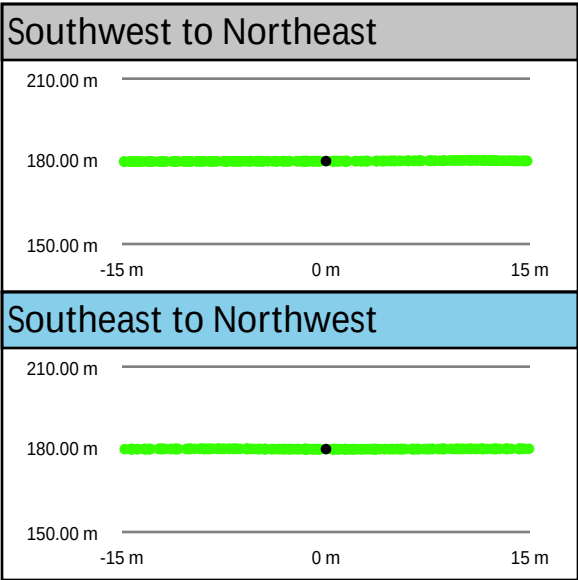
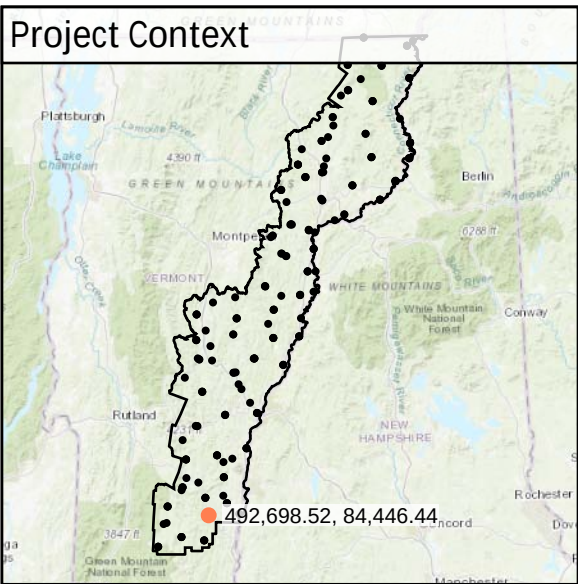
Raw TIN Dz +0.01 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA01 | Known Z    | 601.46 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 2.12 ppsm |
|      | Raw TIN Dz | -0.06 m  | Slope          | 5.29 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA02 | Known Z    | 180.09 m | Point Density  | 2.19 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 0.90 °    |

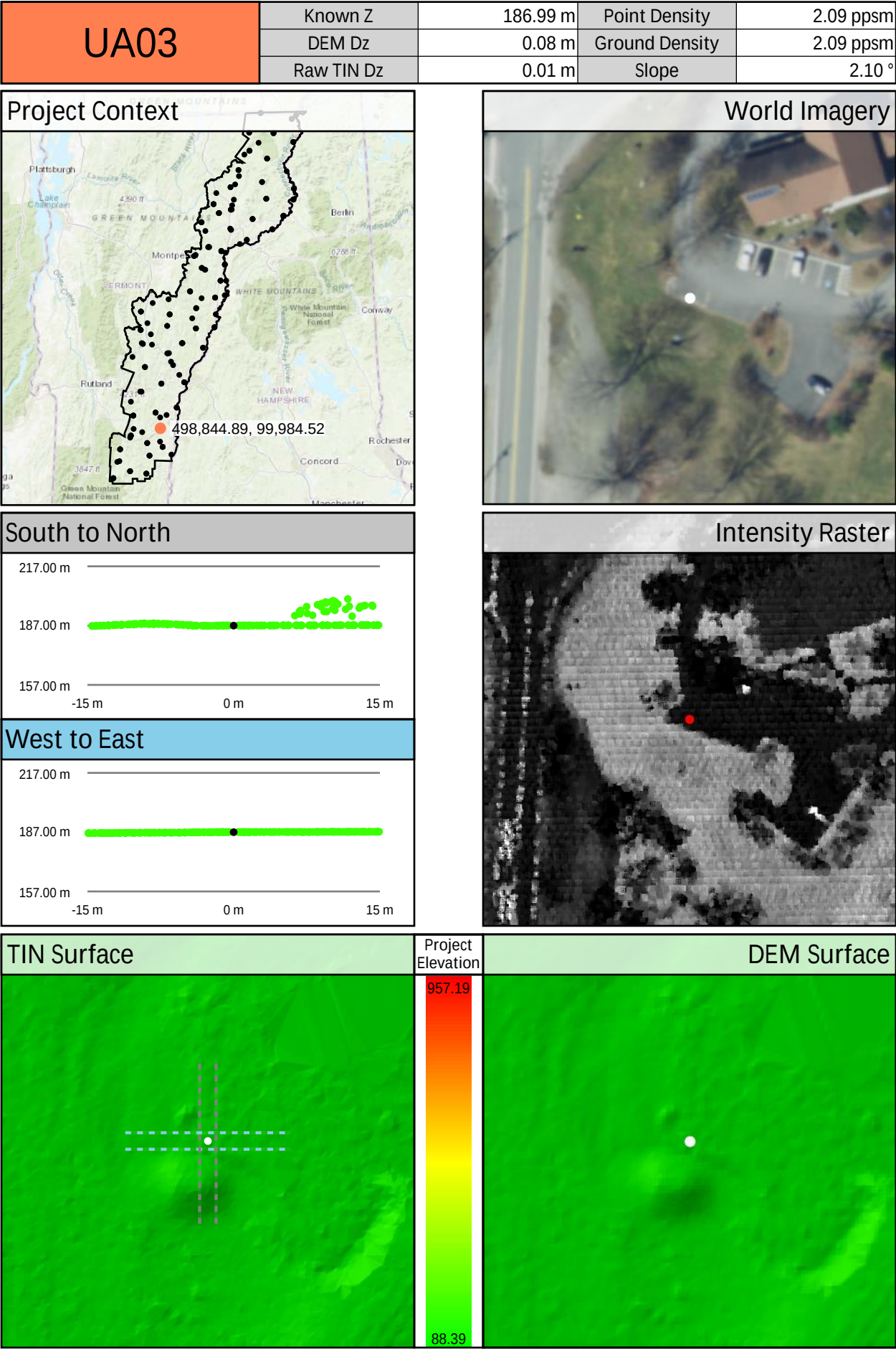


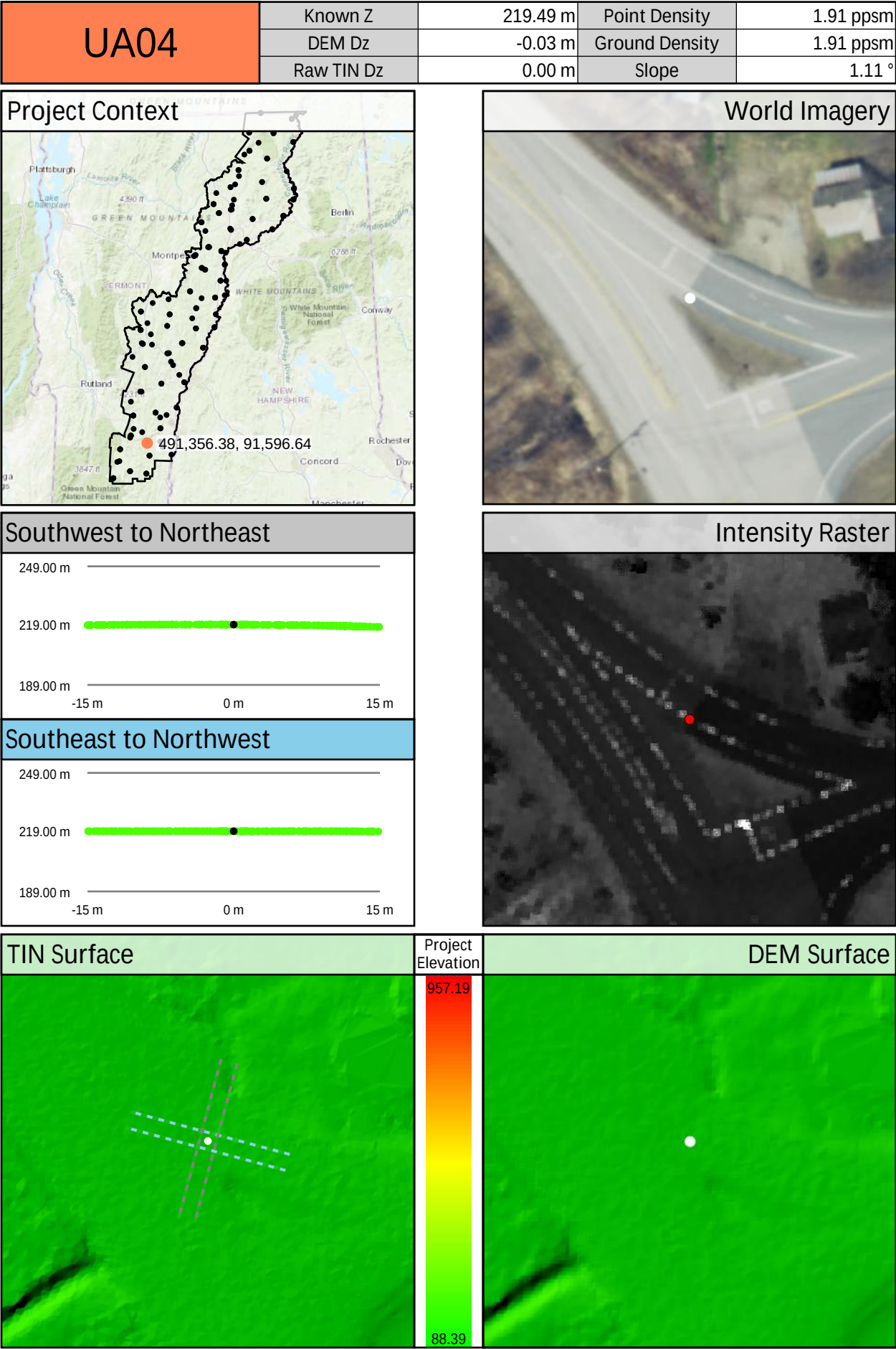
DEM Dz -0.03 m

NVA - UA02

Raw TIN Dz -0.02 m

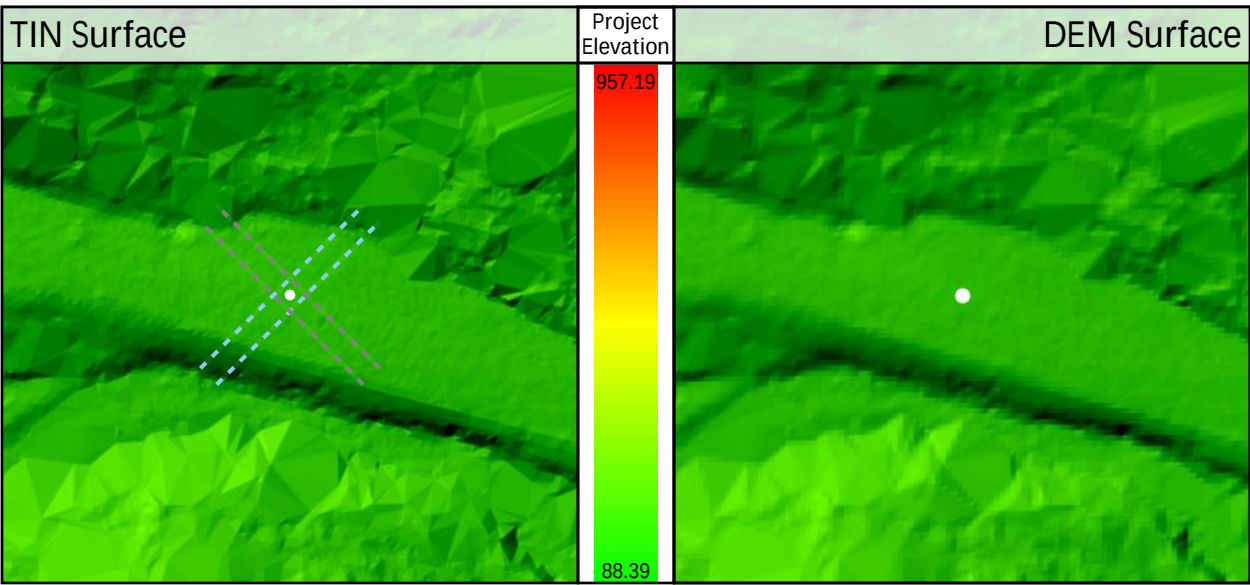
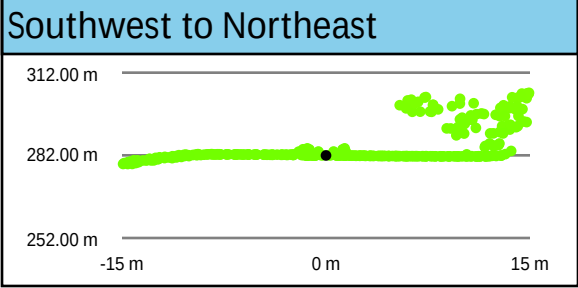
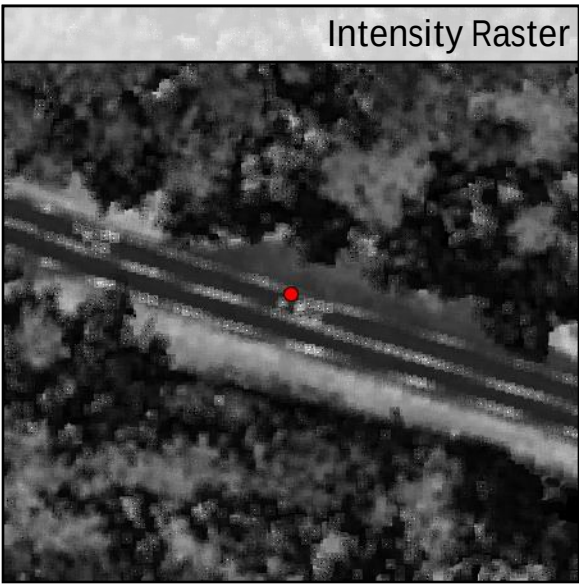
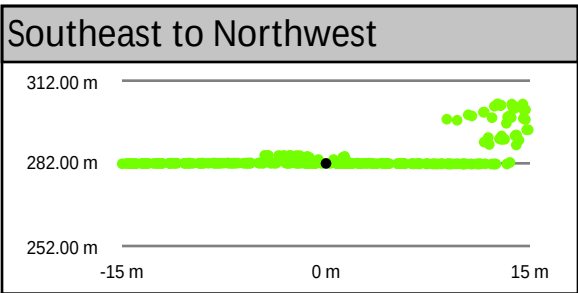
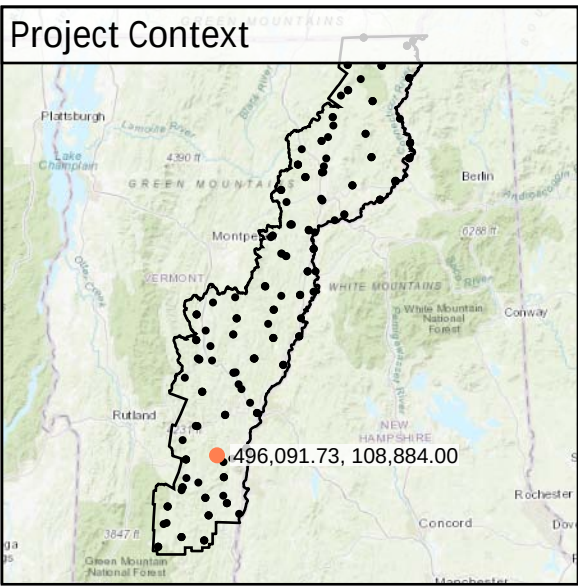








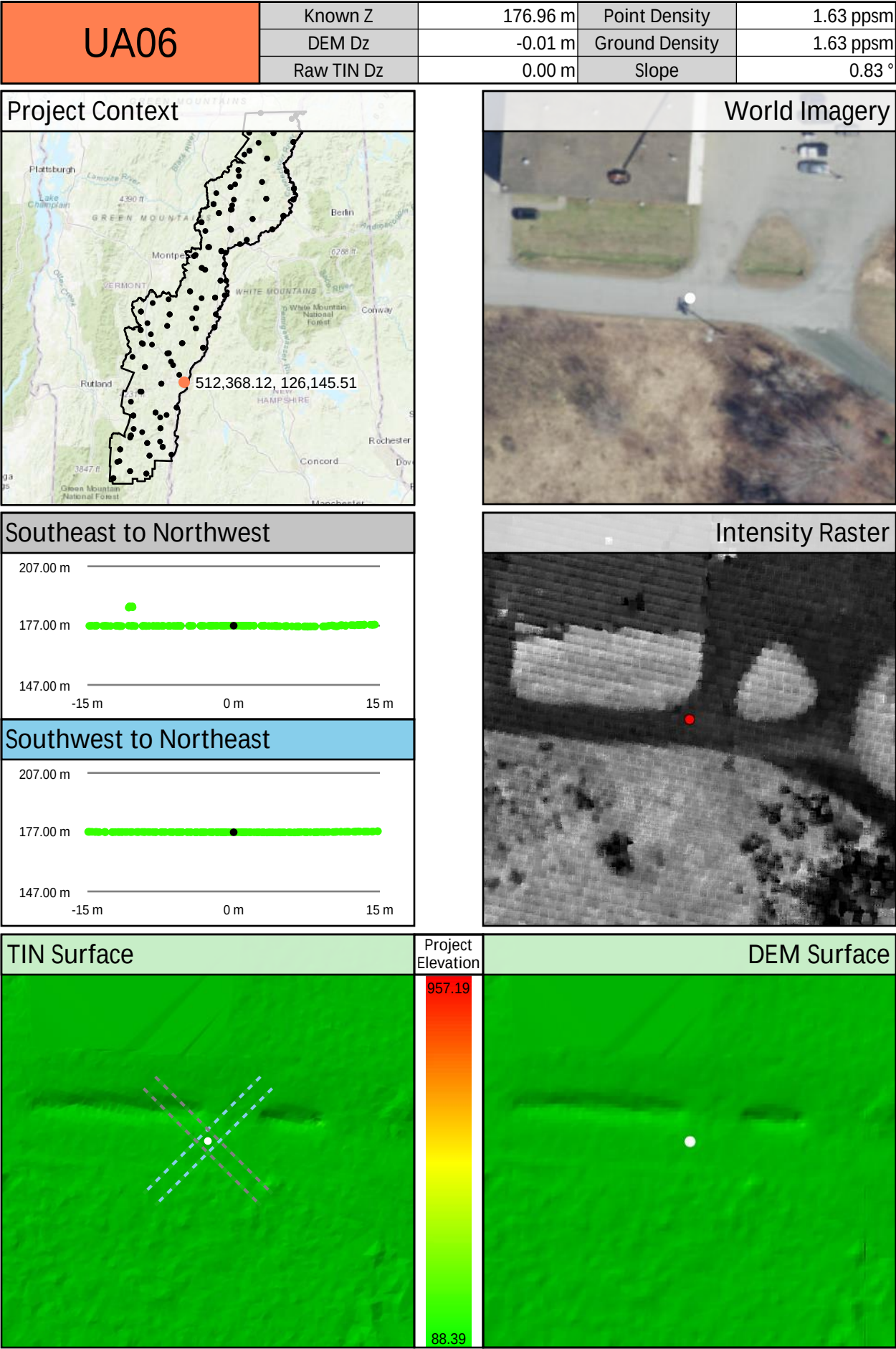
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA05 | Known Z    | 281.96 m | Point Density  | 2.51 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.06 m   | Slope          | 4.83 °    |



DEM Dz +0.06 m

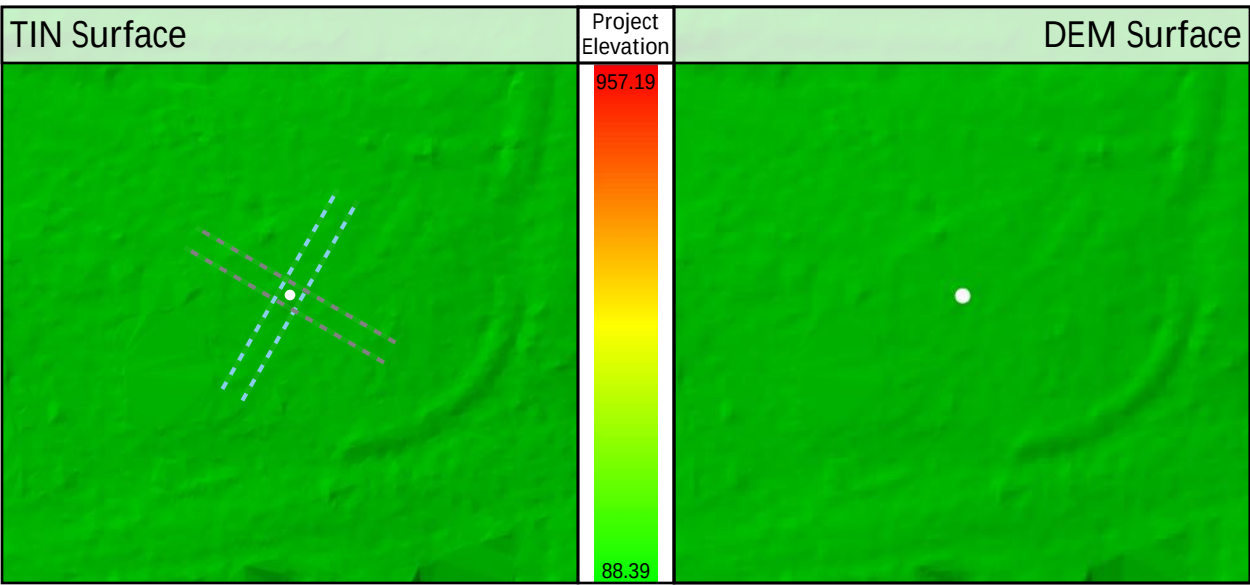
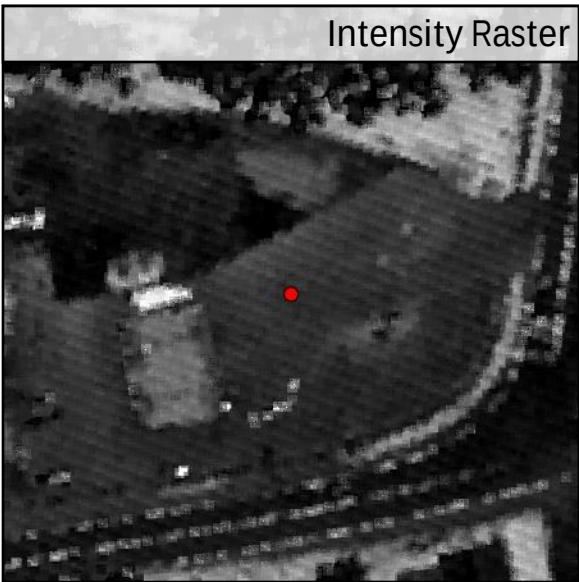
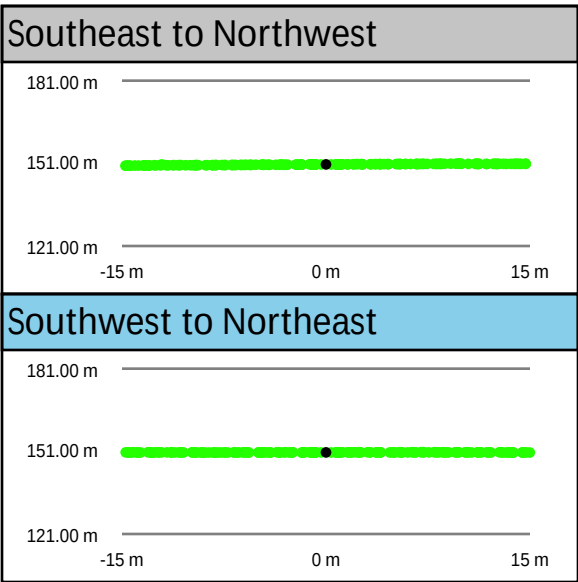
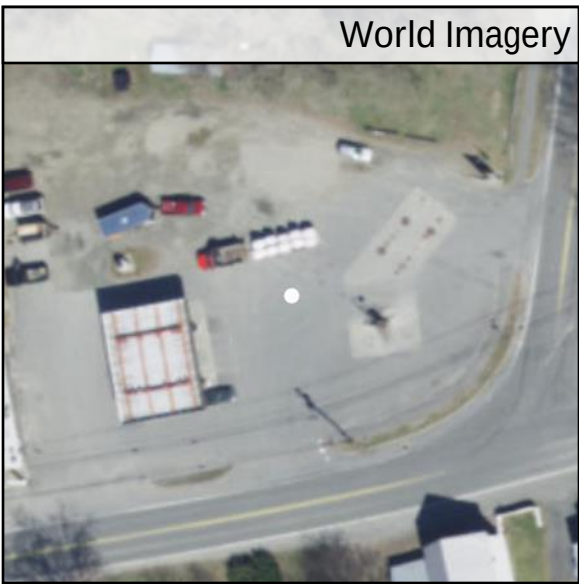
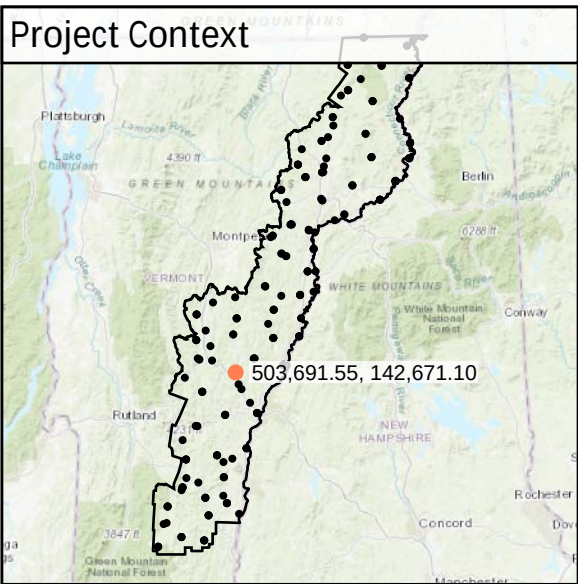
NVA - UA05

Raw TIN Dz +0.06 m

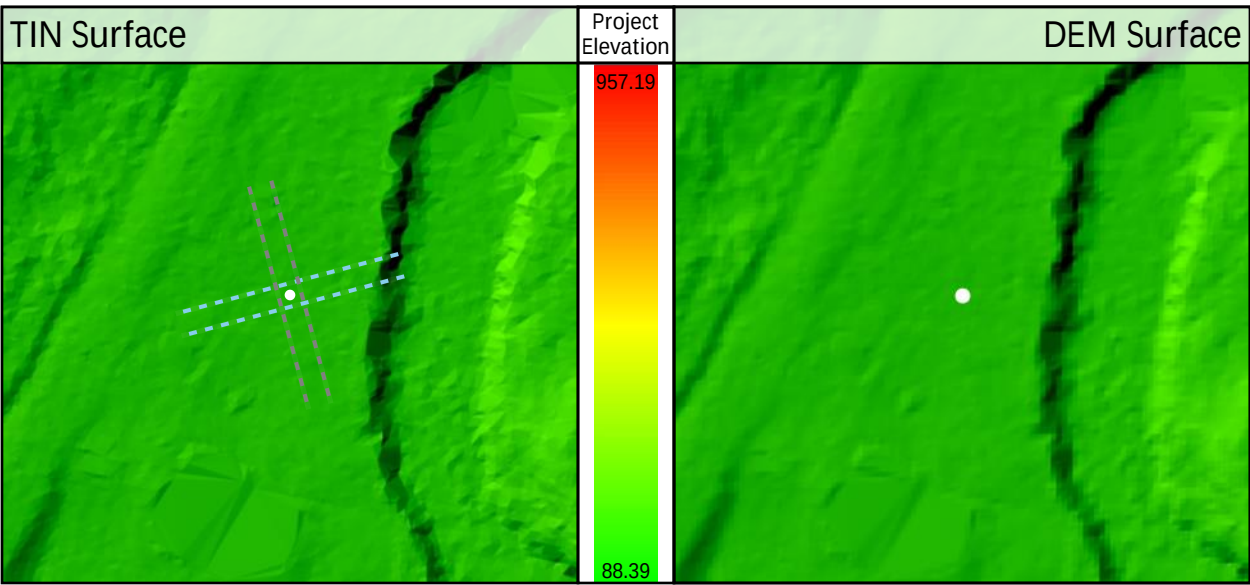
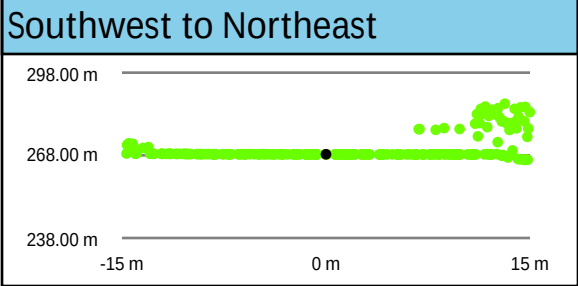
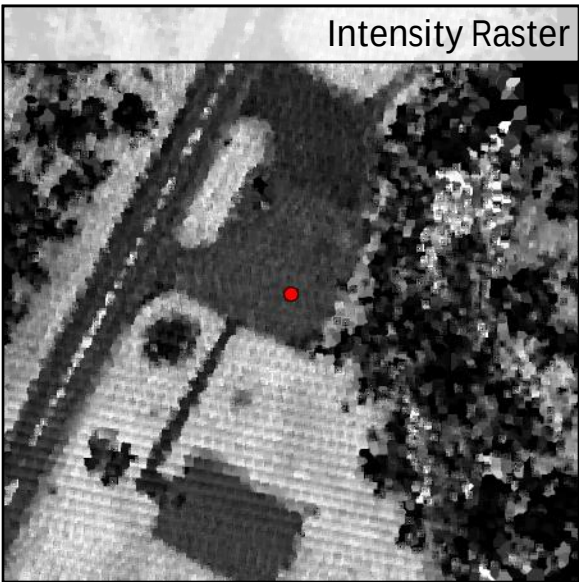
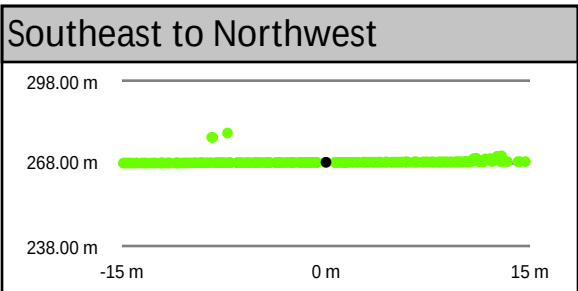
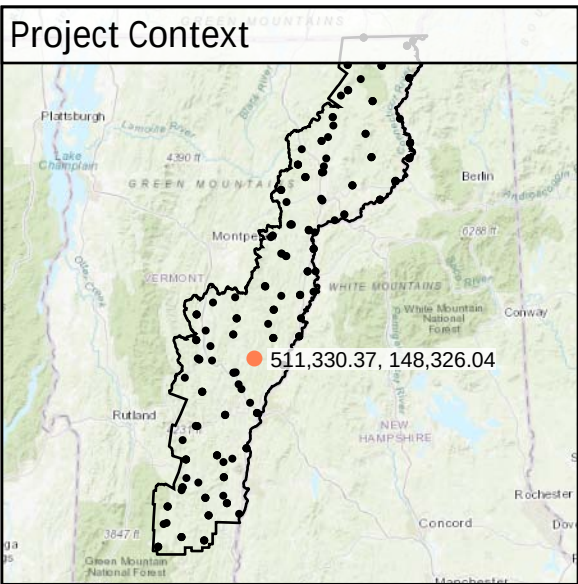




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA07 | Known Z    | 150.61 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 2.75 °    |

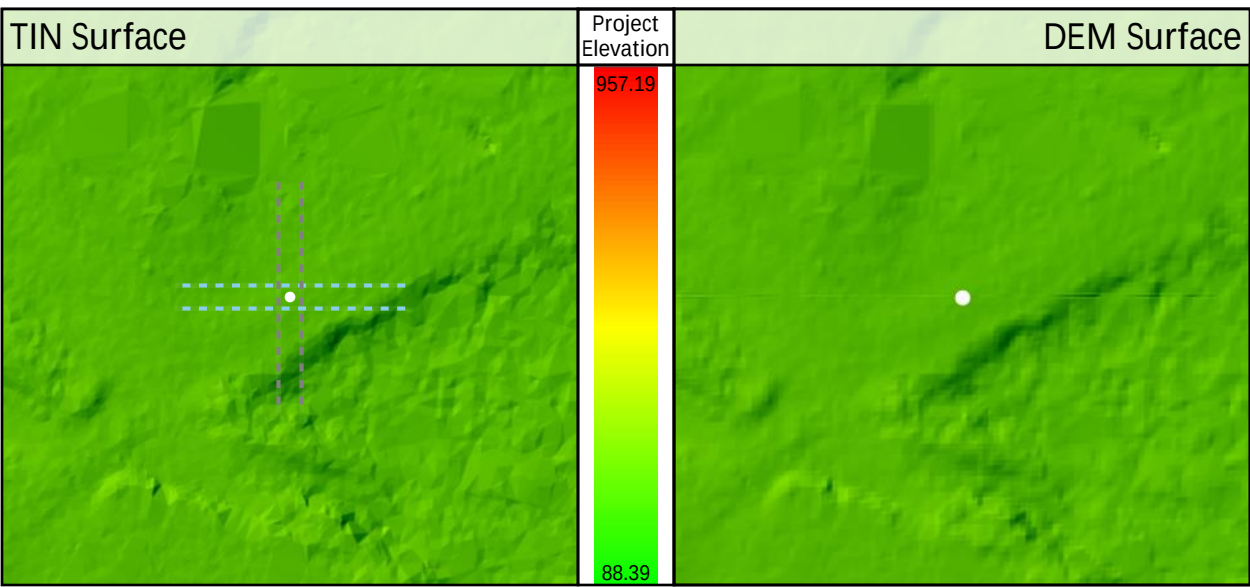
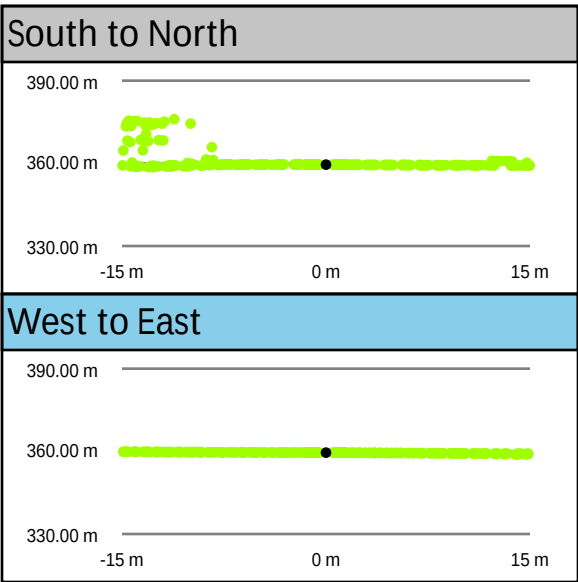
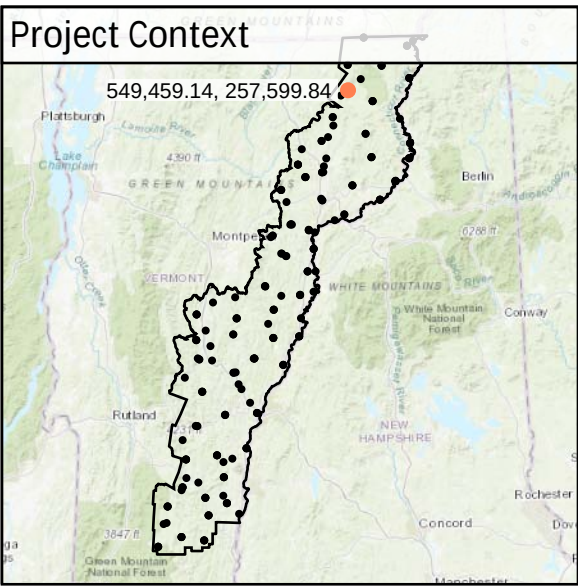


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA08 | Known Z    | 268.38 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | -0.04 m  | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | -0.04 m  | Slope          | 0.82 °    |



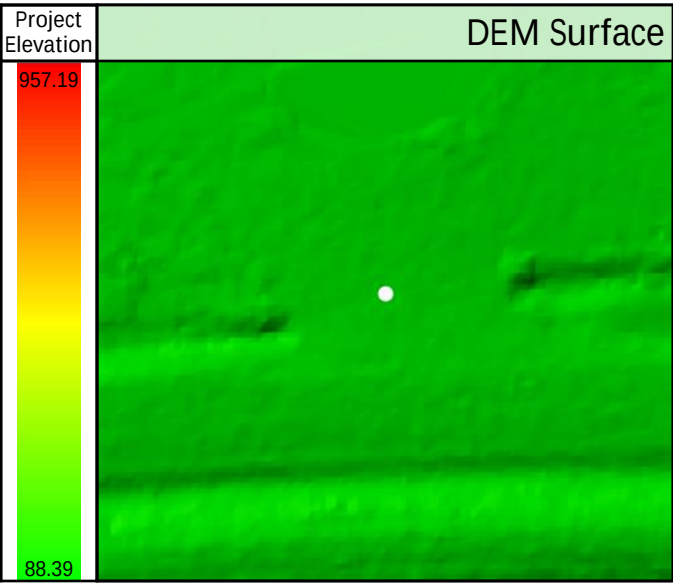
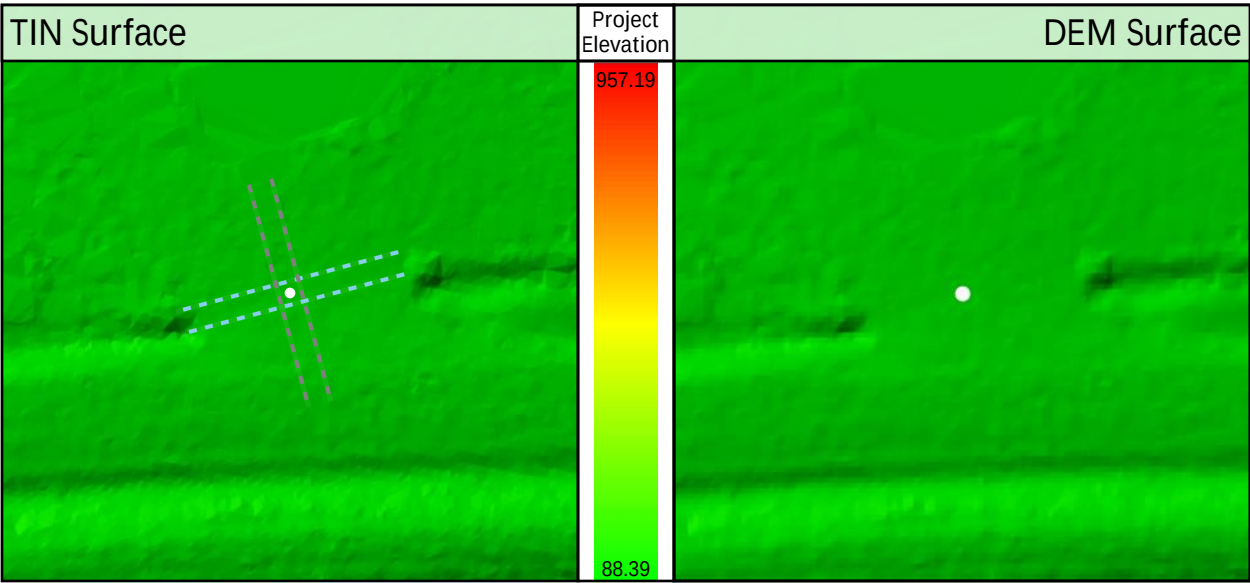
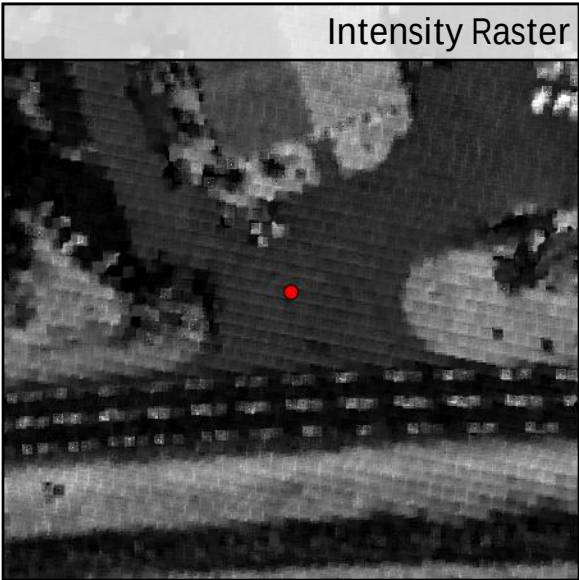
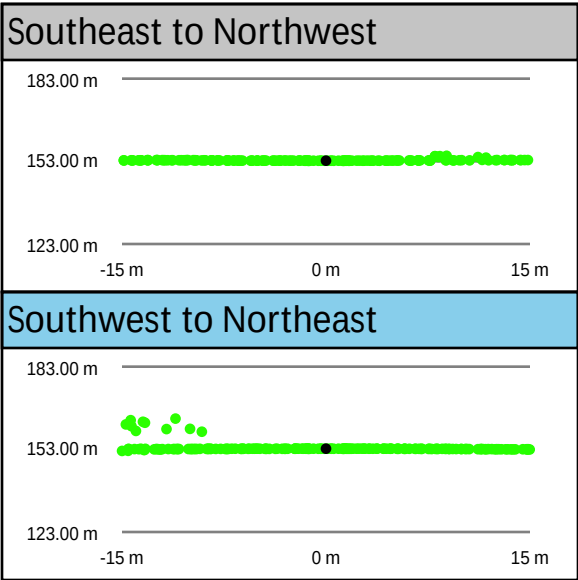
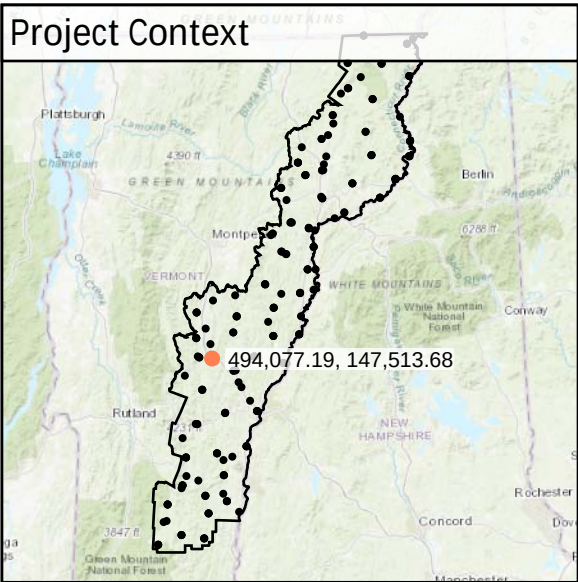


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA09 | Known Z    | 359.53 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 1.90 °    |

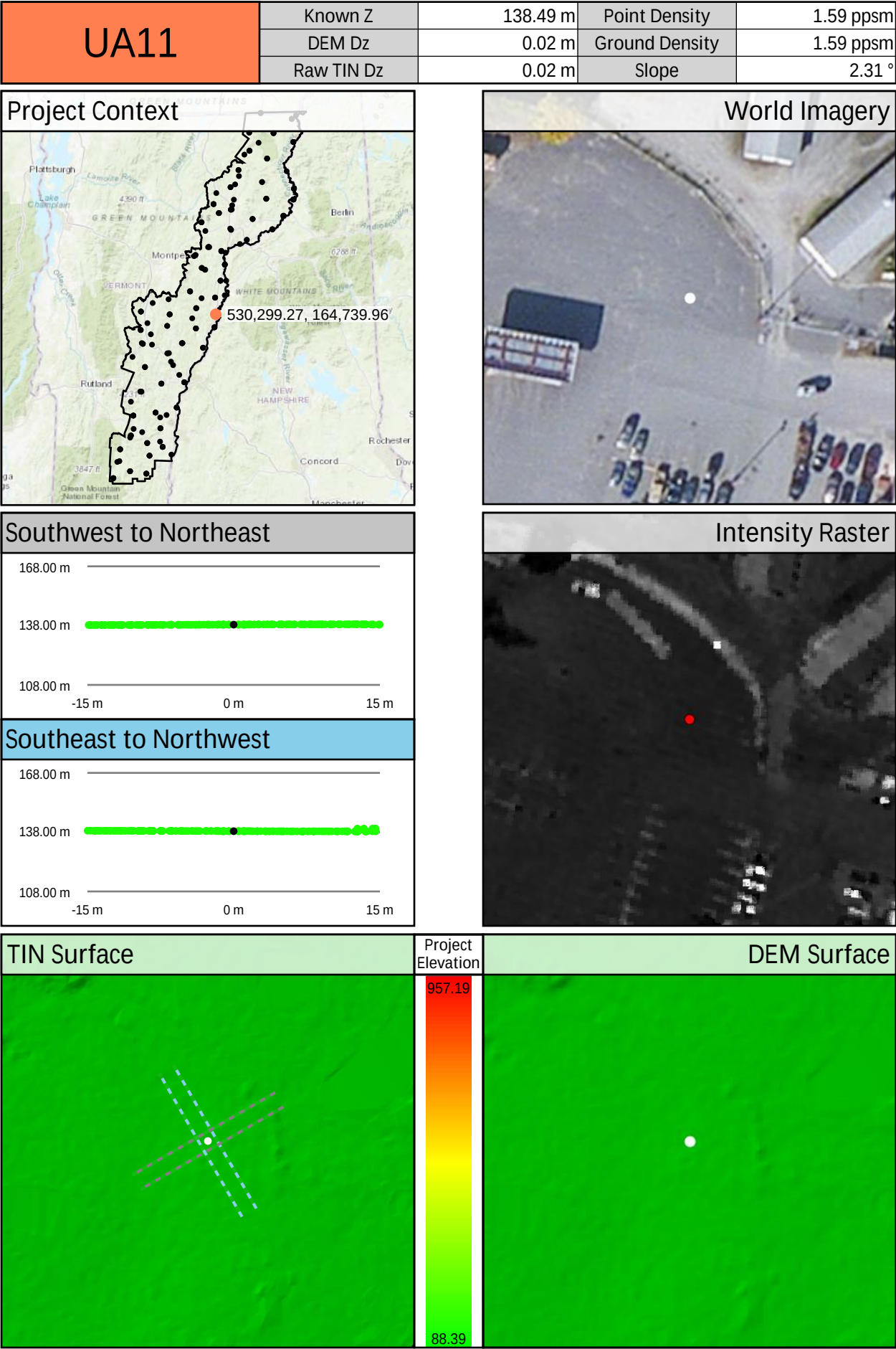


Raw TIN Dz +0.00 m
 NVA - UA09
 DEM Dz +0.01 m

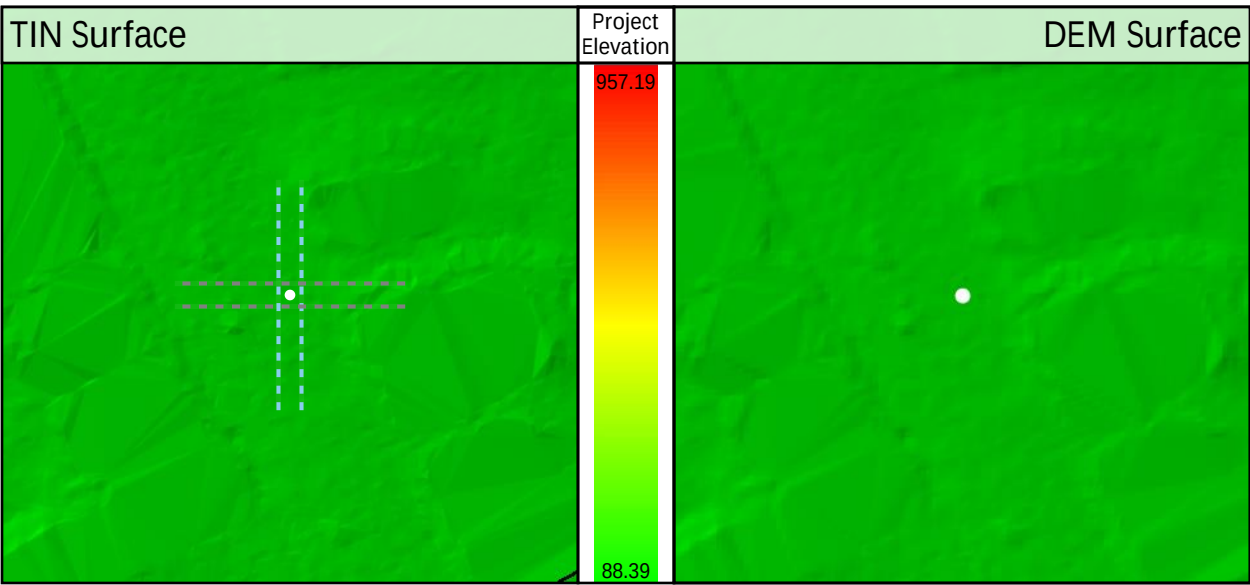
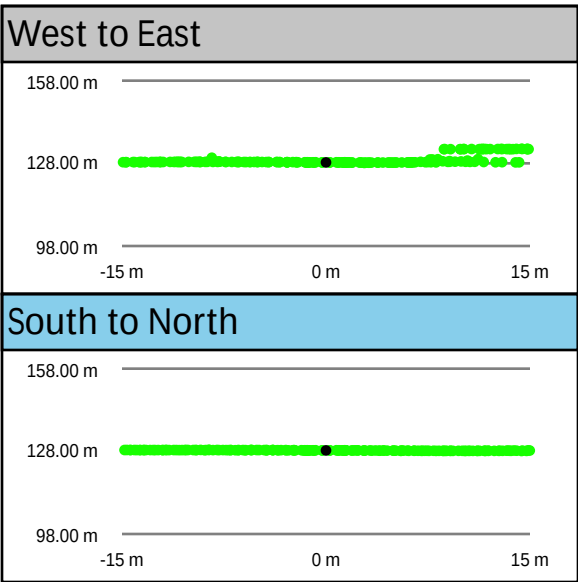
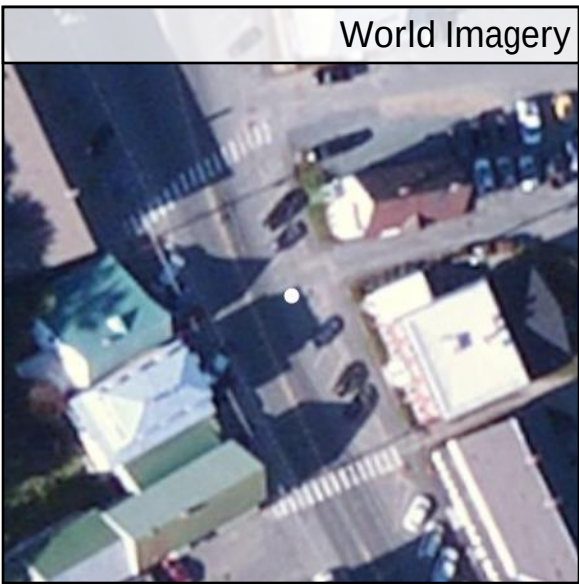
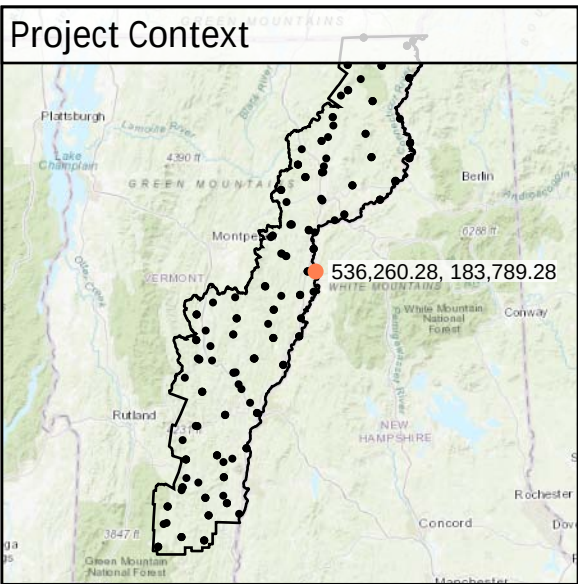
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA10 | Known Z    | 153.24 m | Point Density  | 1.73 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 0.88 °    |





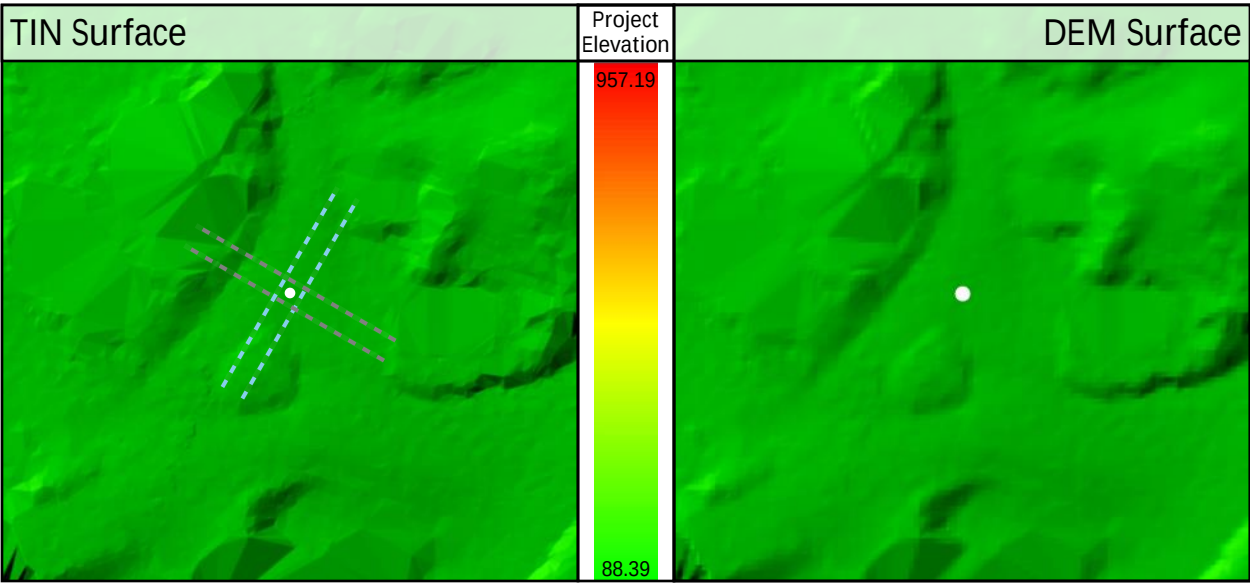
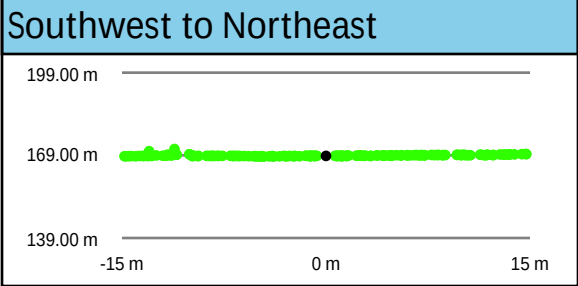
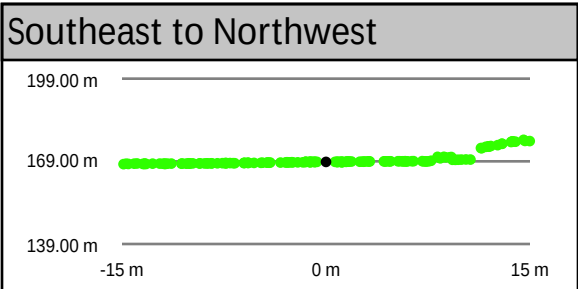
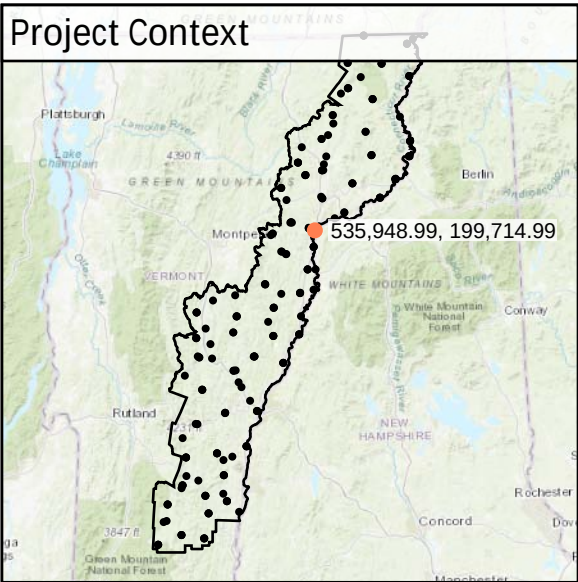


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA12 | Known Z    | 128.33 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 2.43 °    |

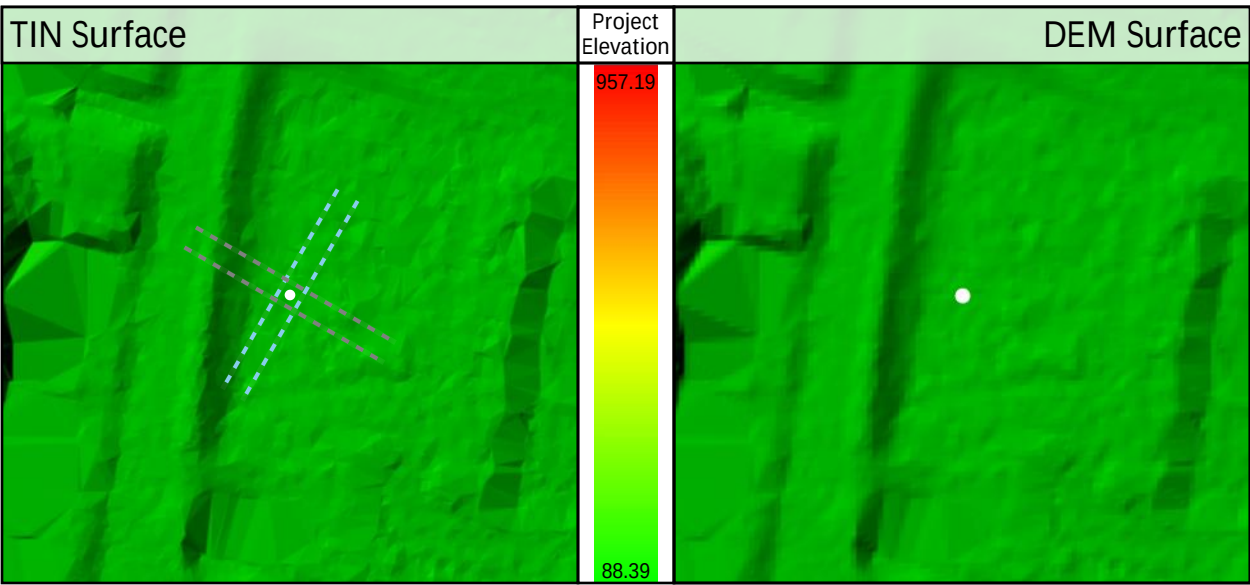
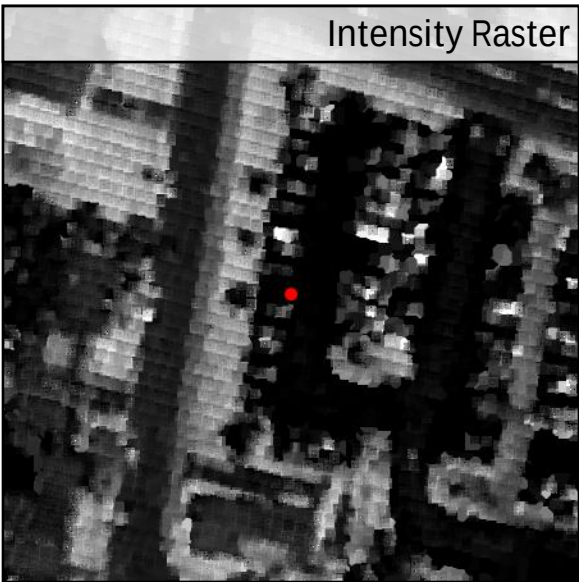
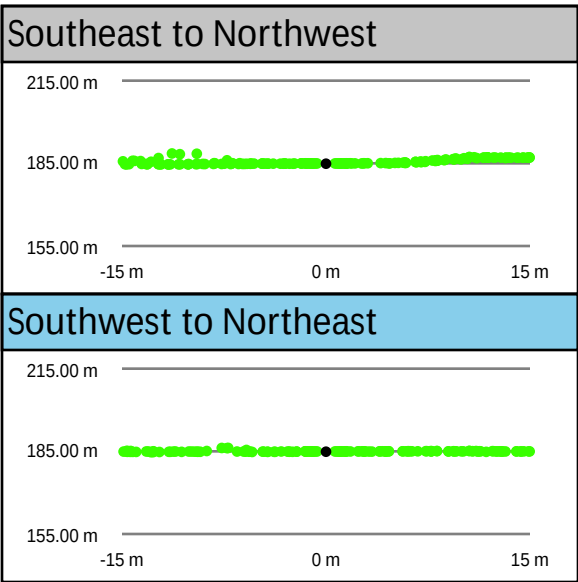
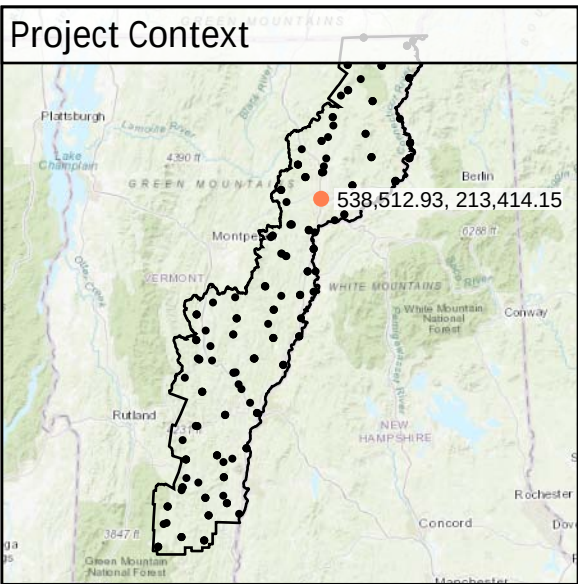




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA13 | Known Z    | 168.79 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 4.17 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA14 | Known Z    | 184.86 m | Point Density  | 1.63 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 1.56 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.58 °    |



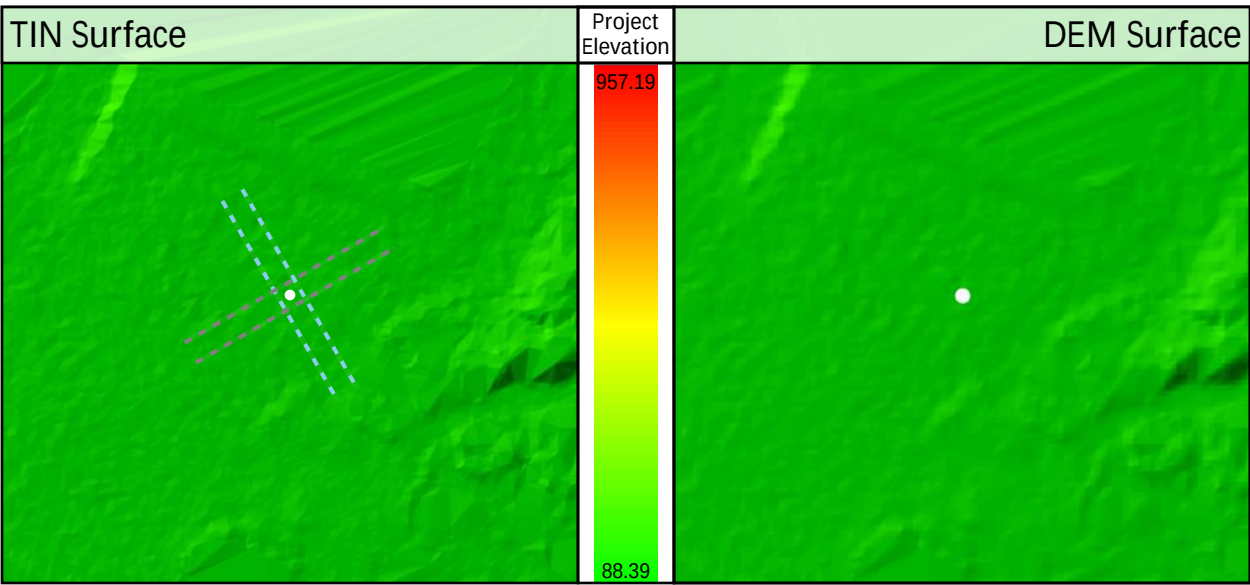
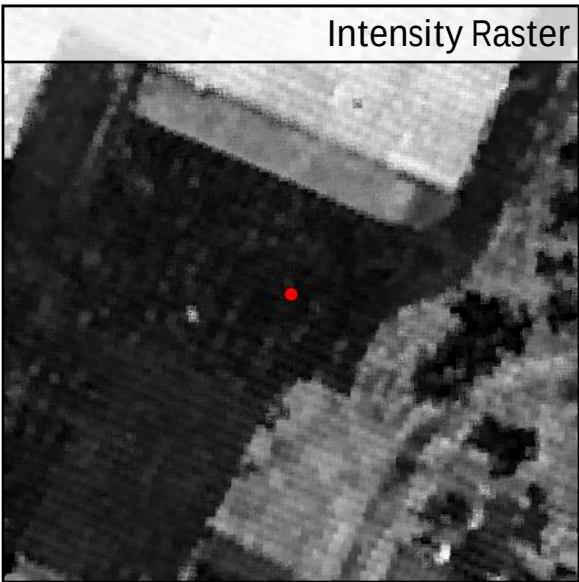
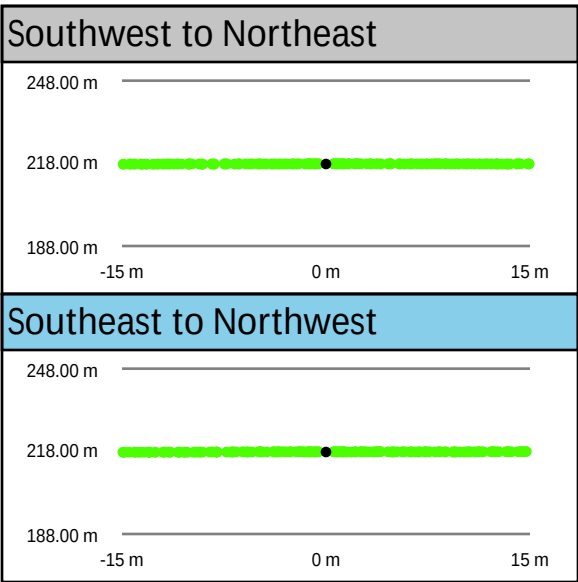
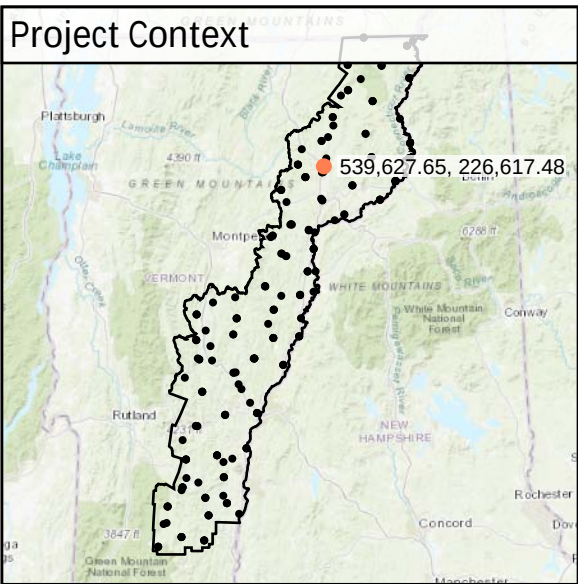
DEM Dz +0.09 m

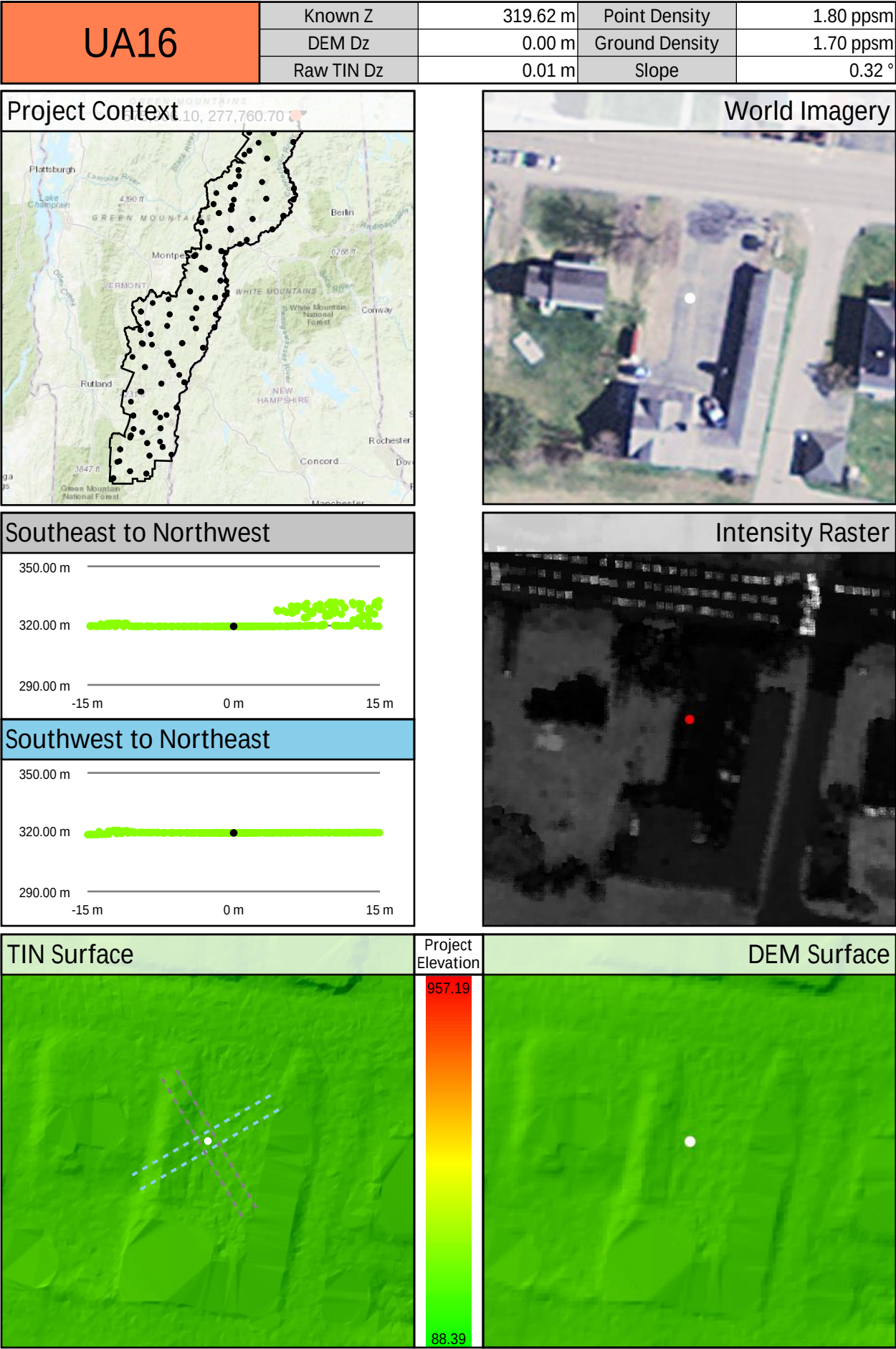
NVA - UA14

Raw TIN Dz +0.02 m



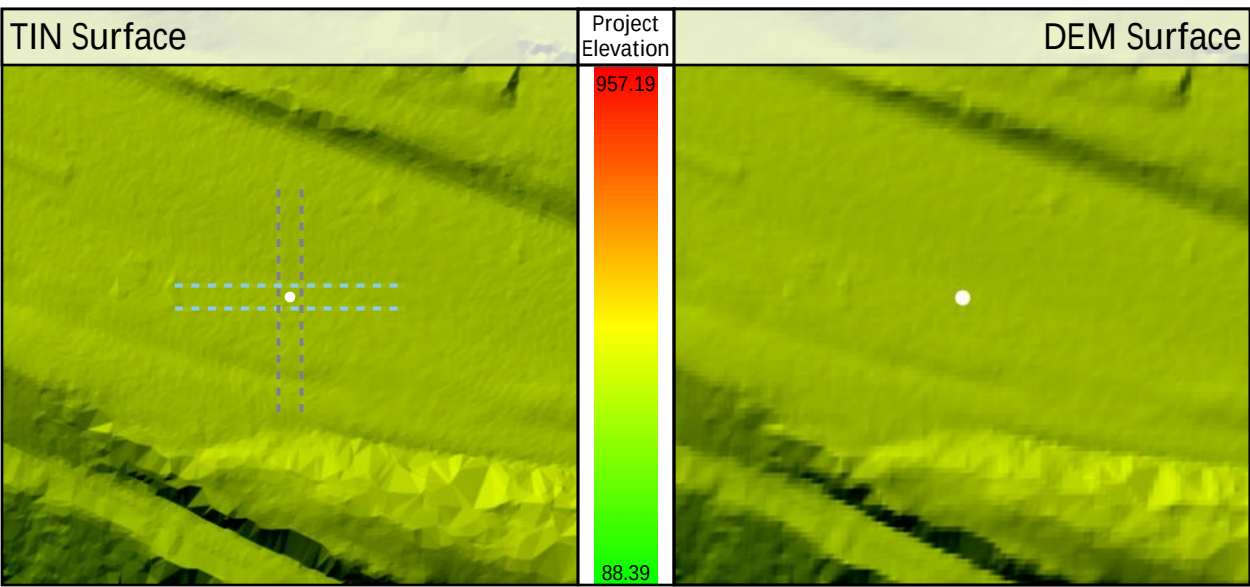
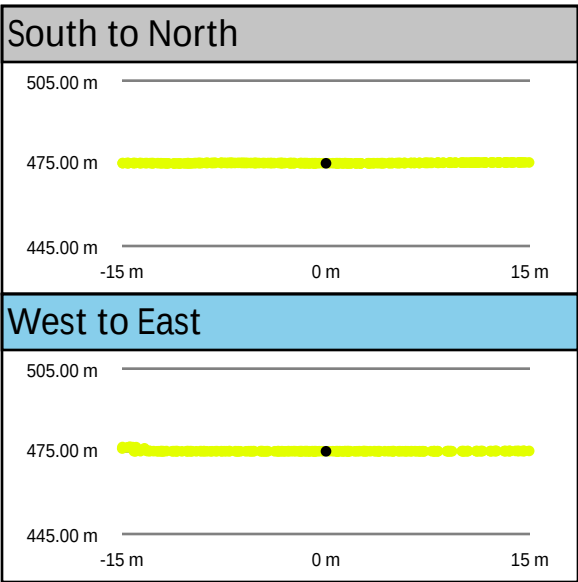
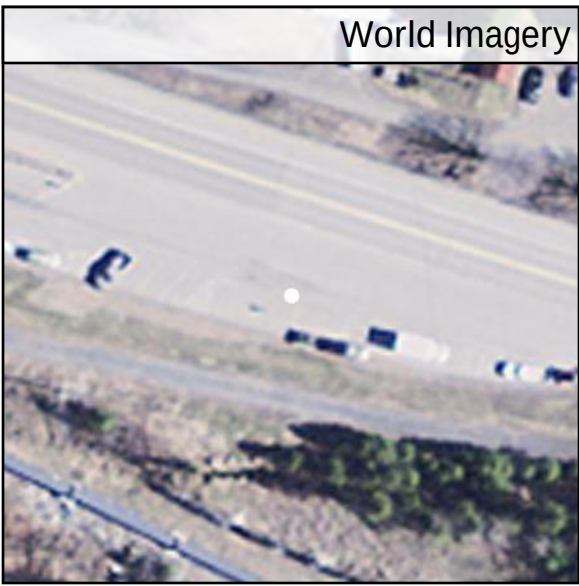
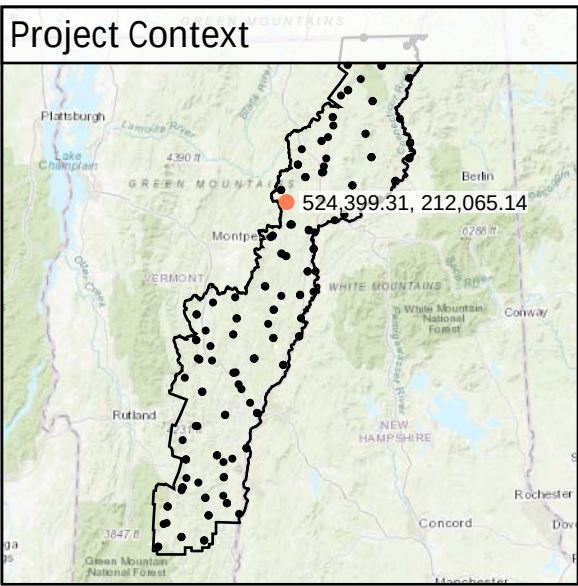
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA15 | Known Z    | 217.75 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.07 m   | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | 0.07 m   | Slope          | 1.54 °    |







|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA17 | Known Z    | 475.01 m | Point Density  | 2.23 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.23 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.44 °    |

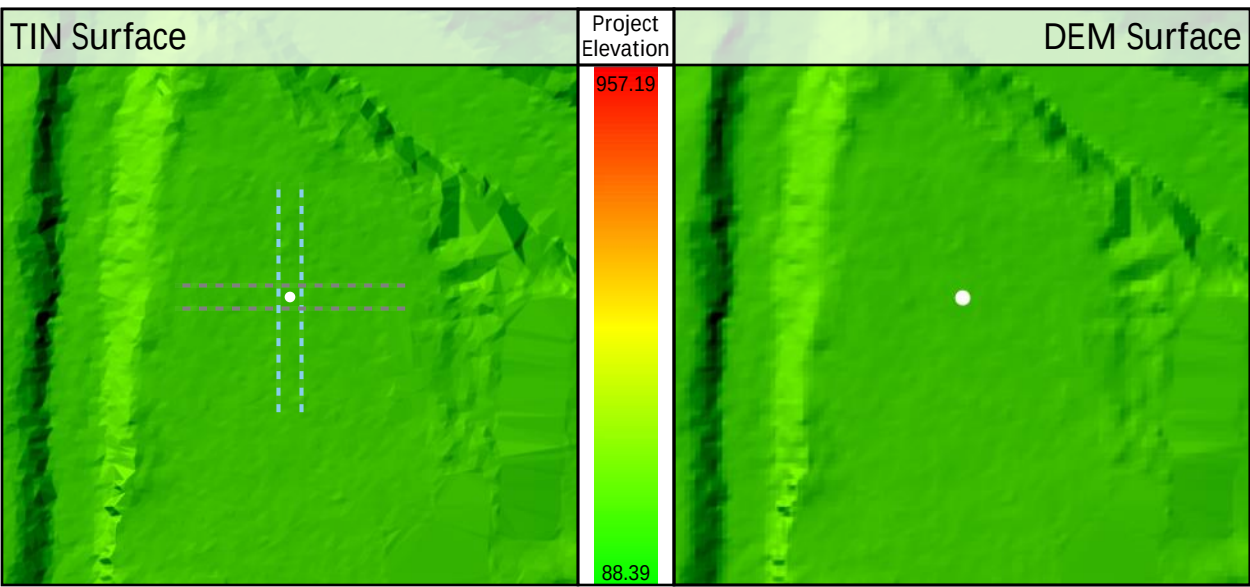
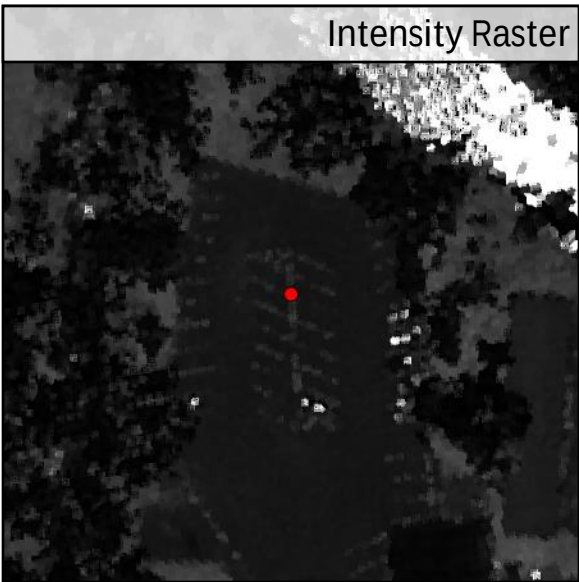
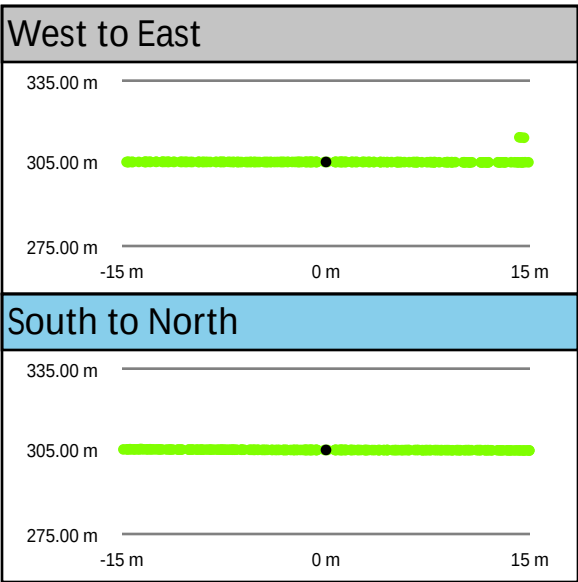
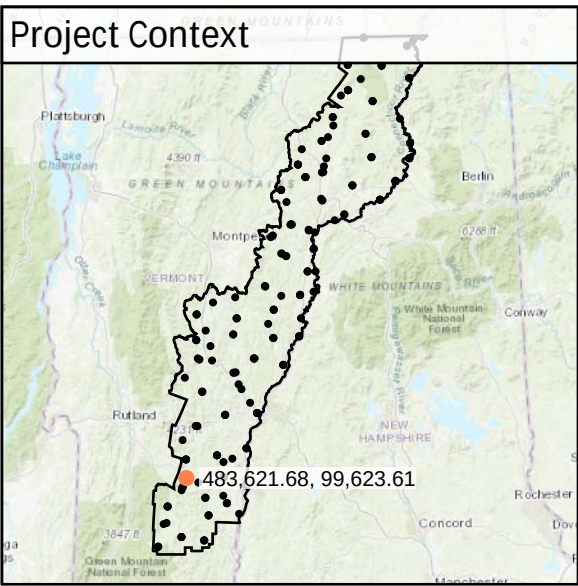


DEM Dz +0.02 m

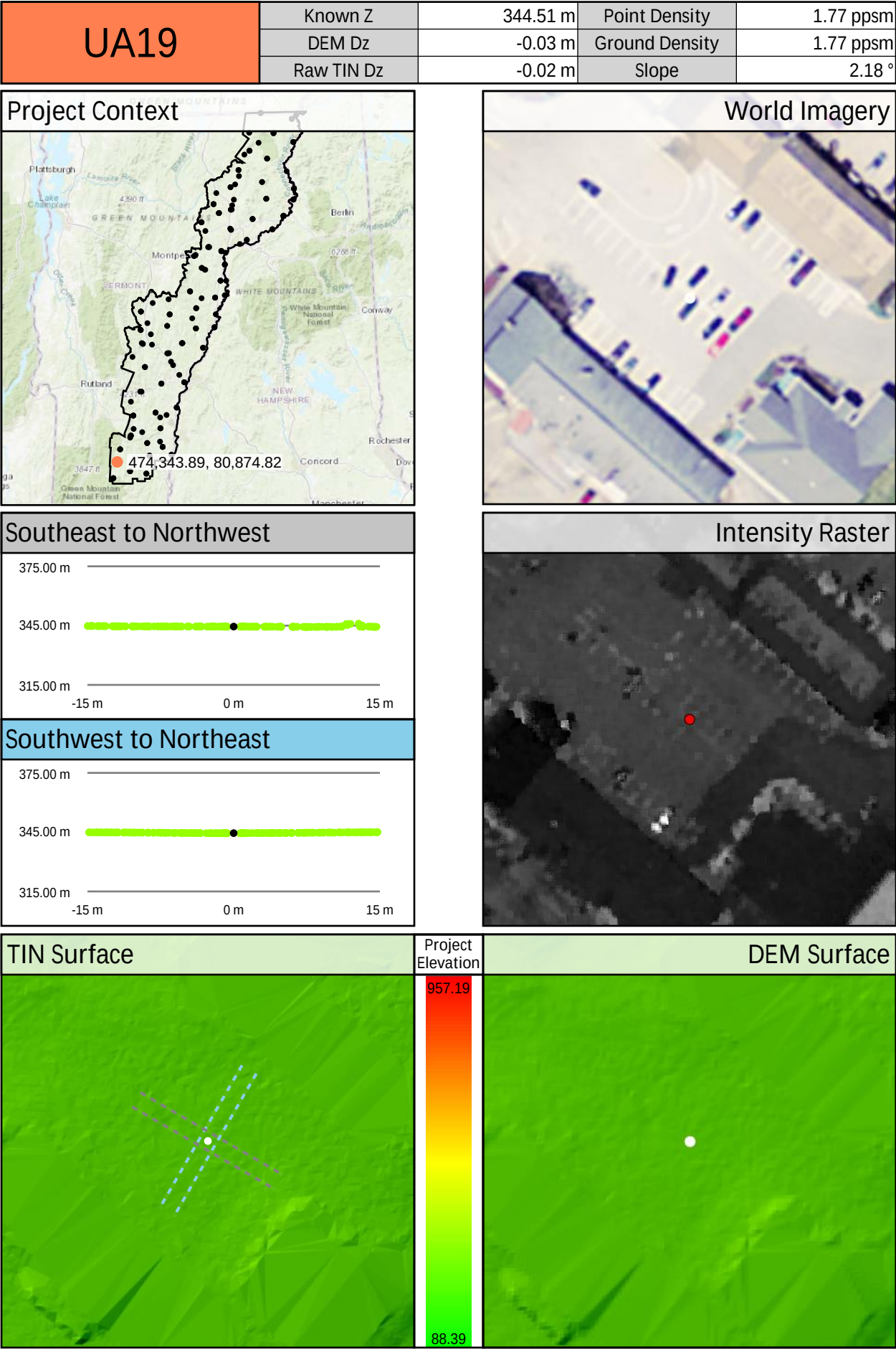
NVA - UA17

Raw TIN Dz +0.02 m

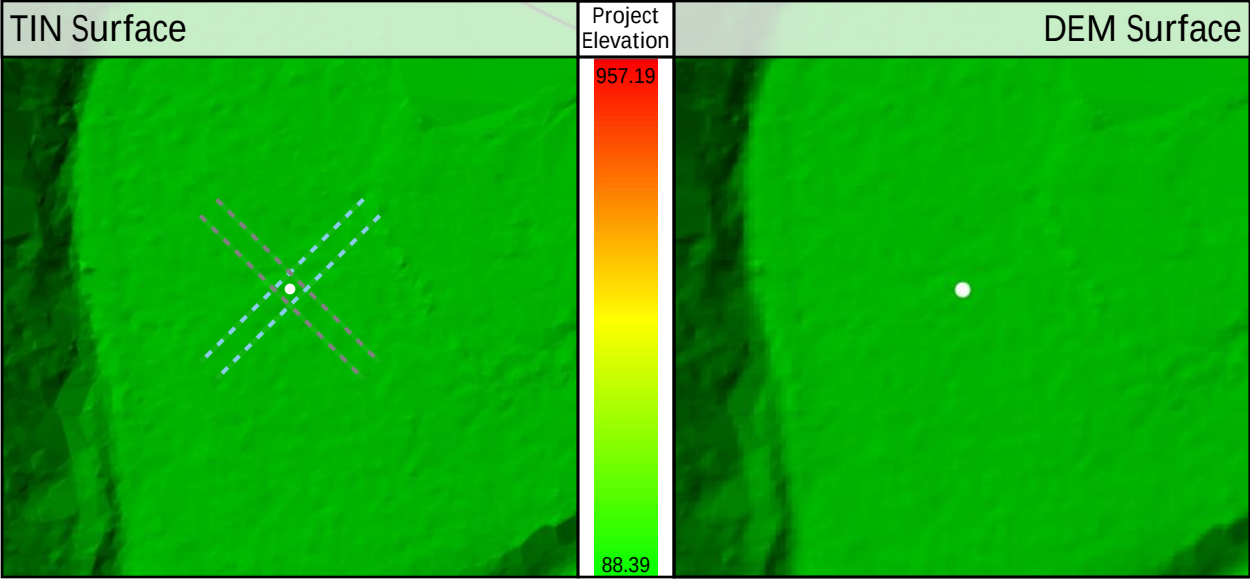
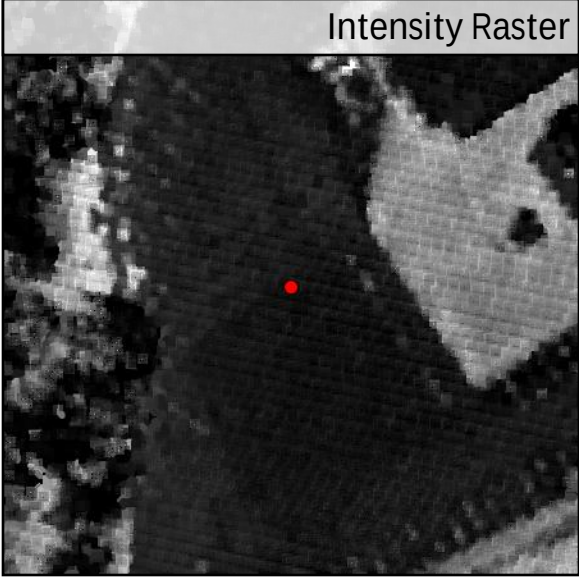
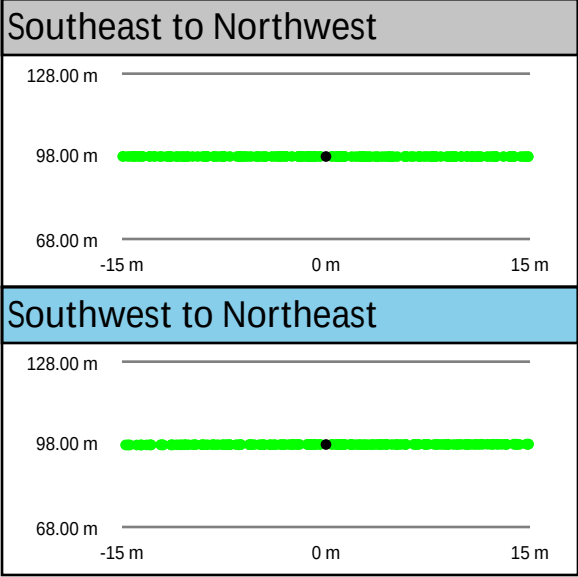
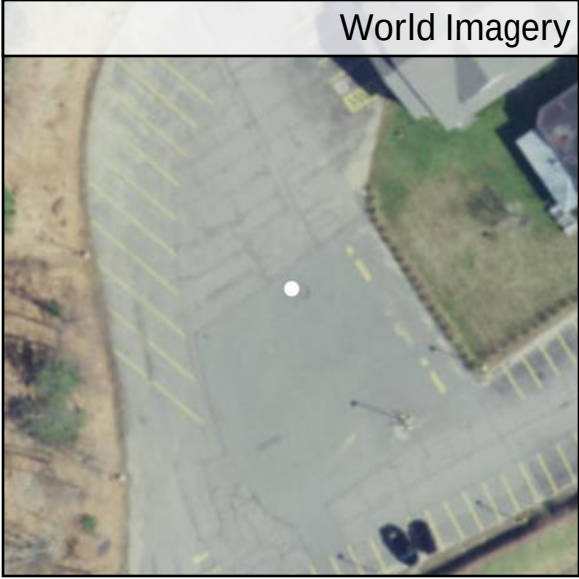
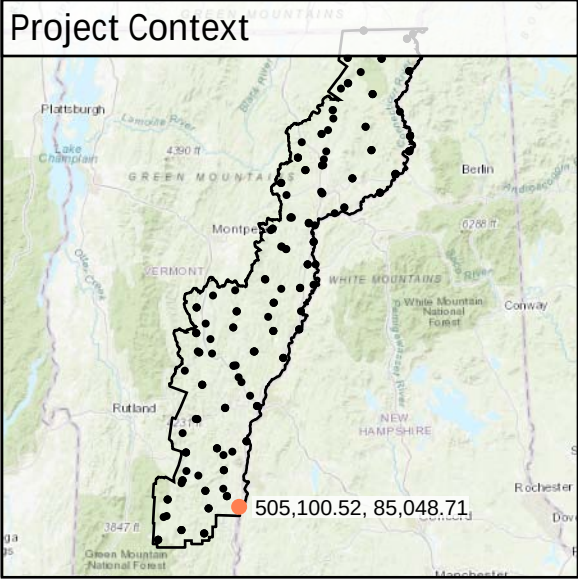
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA18 | Known Z    | 305.50 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 0.30 °    |







|      |            |         |                |           |
|------|------------|---------|----------------|-----------|
| UA20 | Known Z    | 97.94 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.03 m  | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | 0.00 m  | Slope          | 1.38 °    |

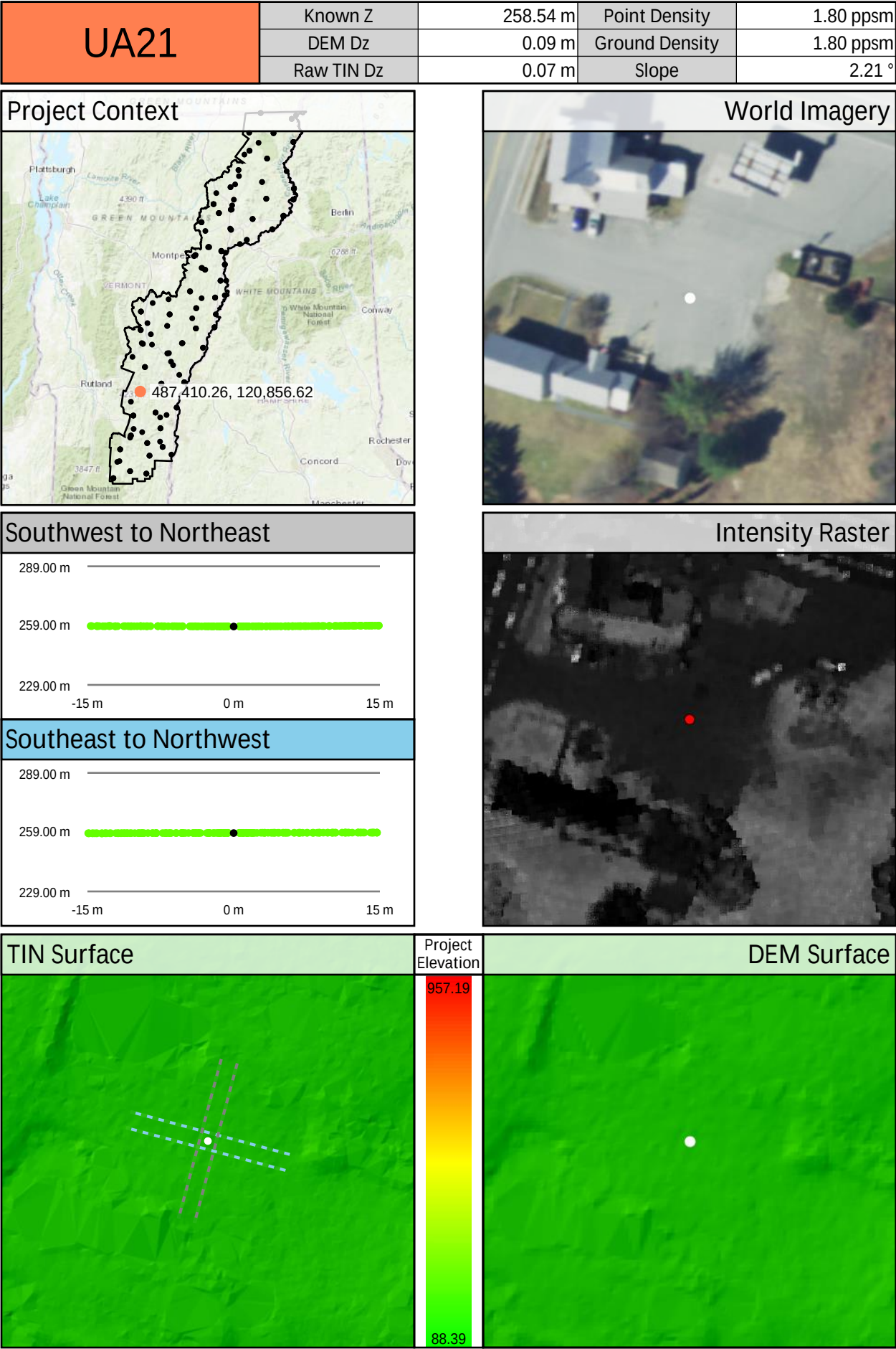


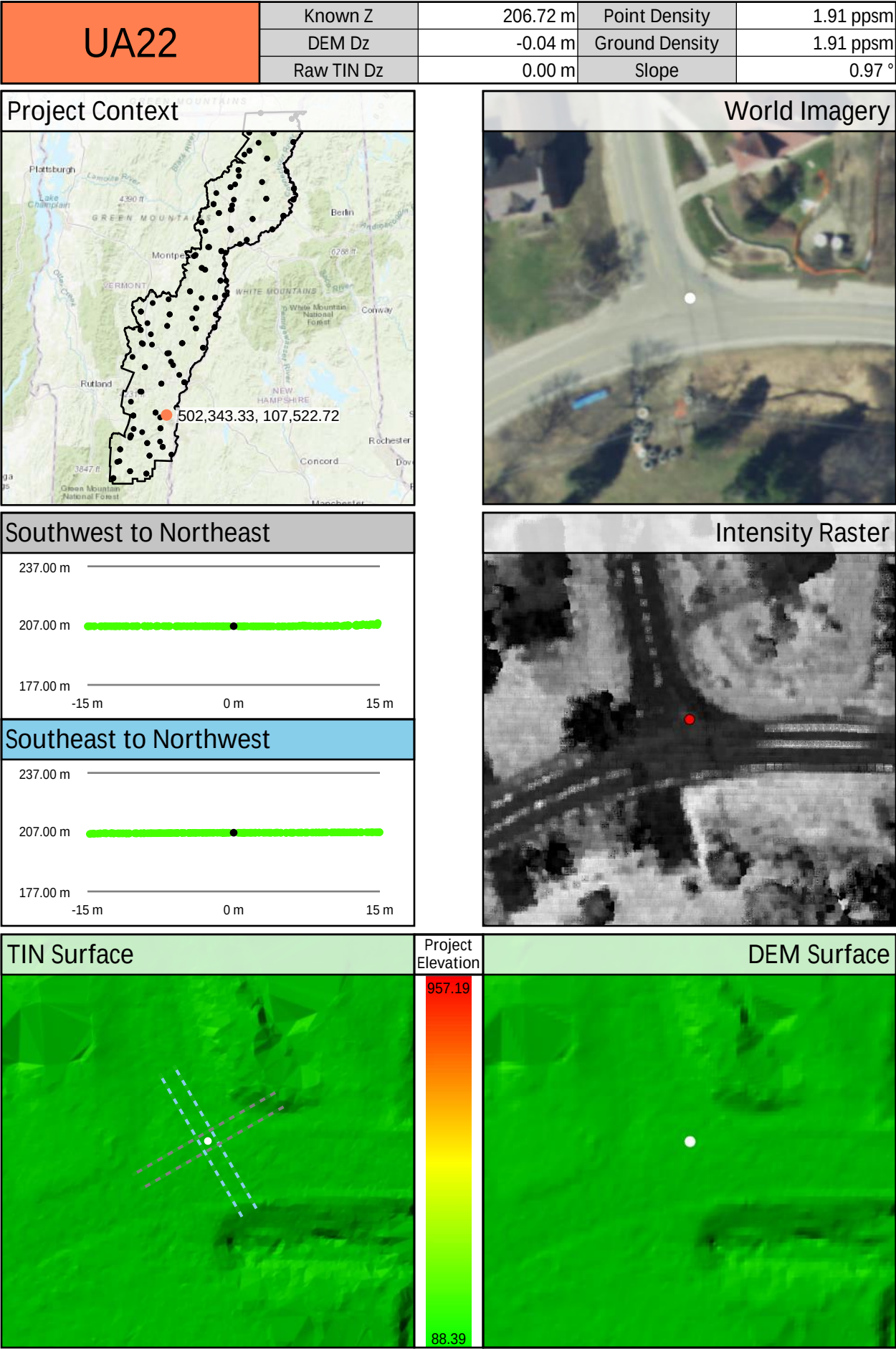
DEM Dz +0.03 m

NVA - UA20

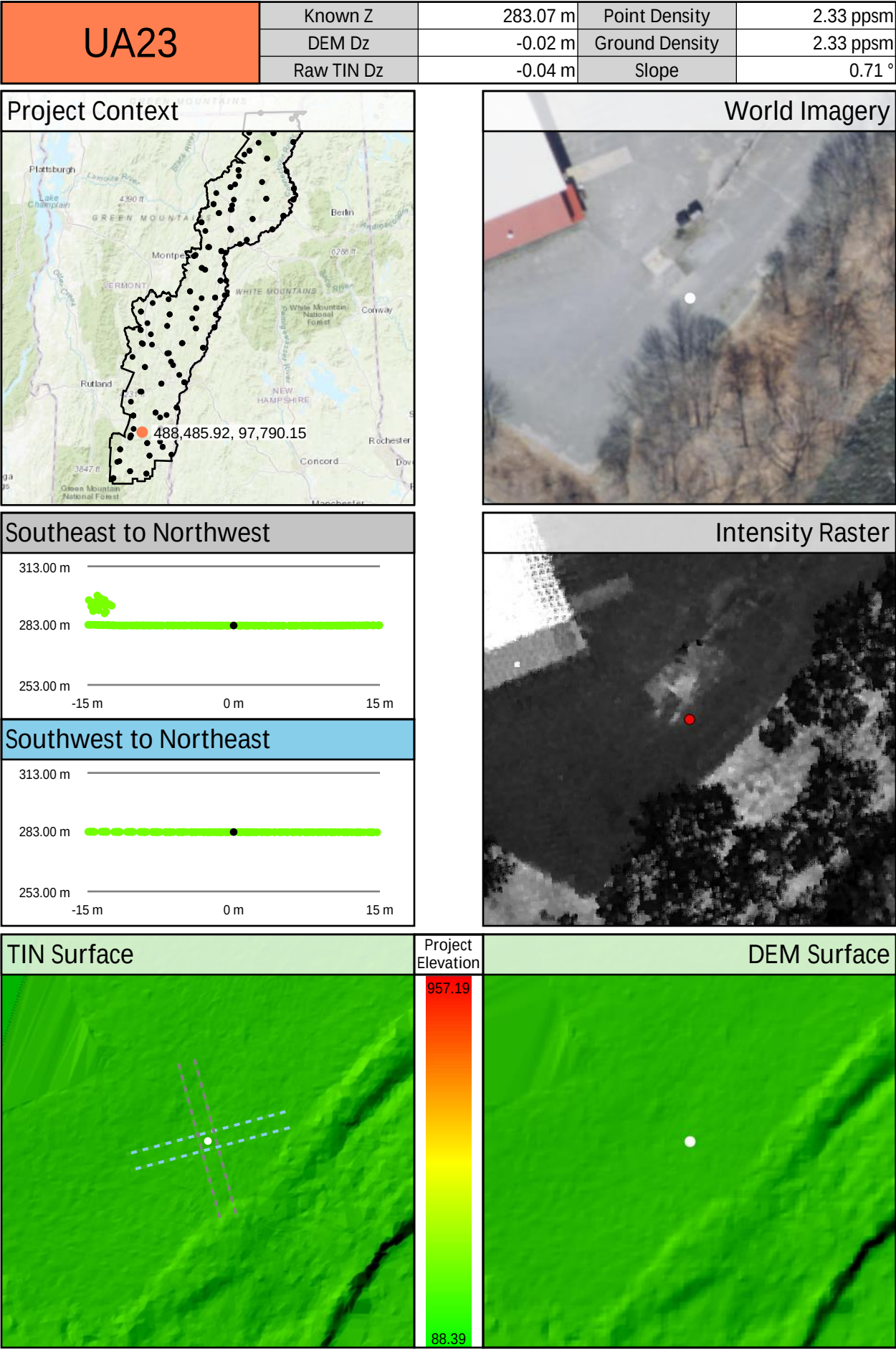
Raw TIN Dz +0.00 m



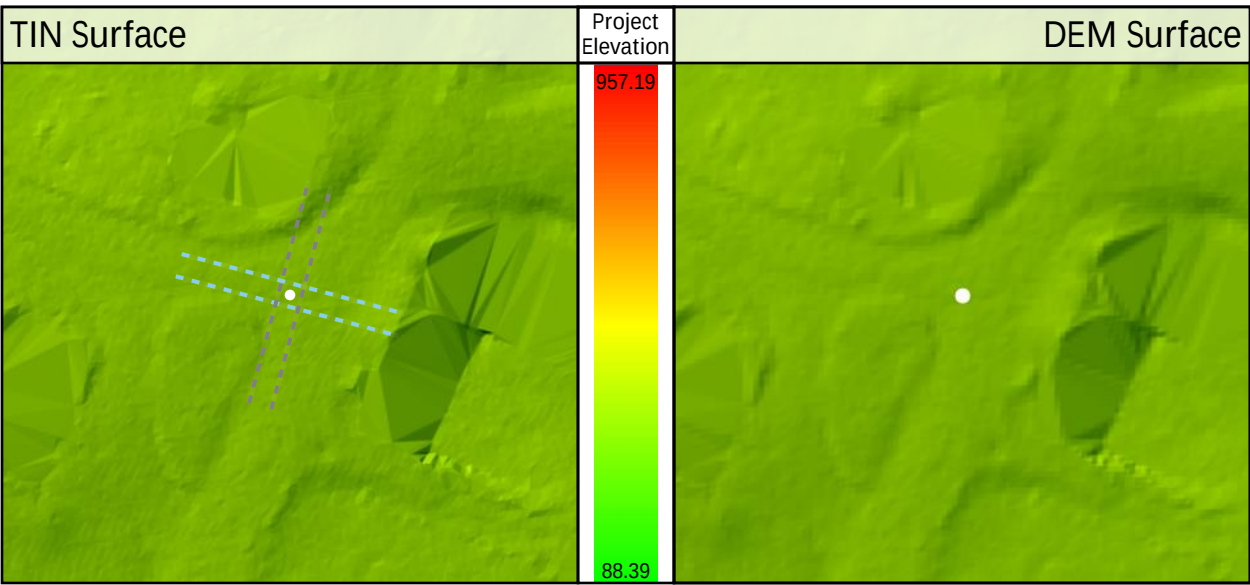
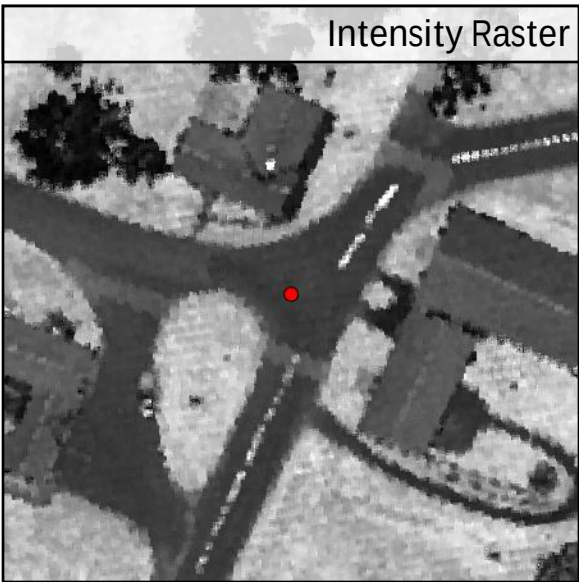
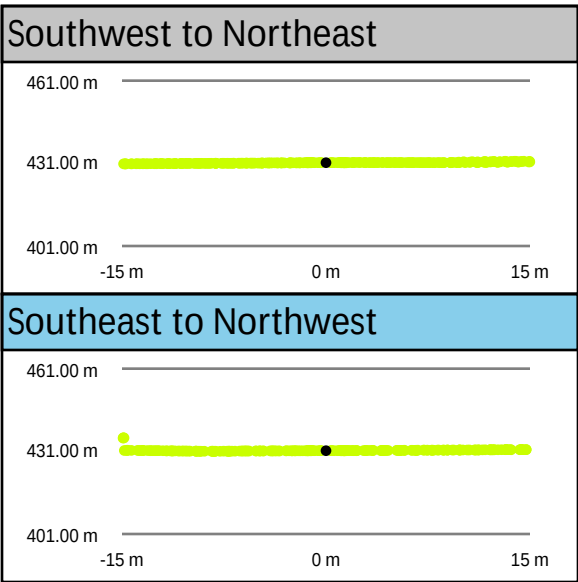
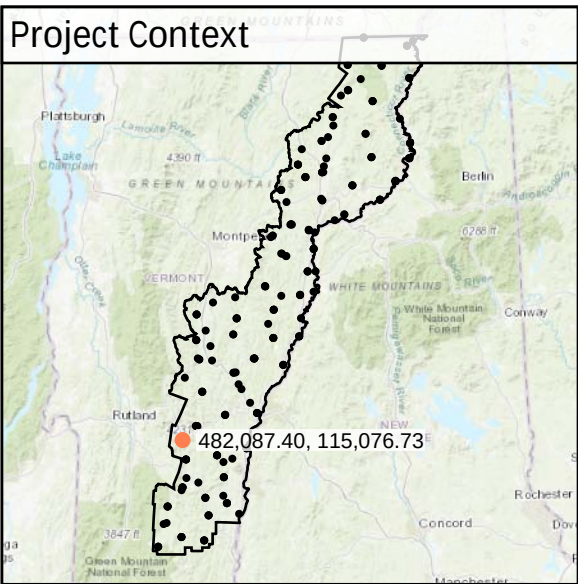








|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA24 | Known Z    | 431.23 m | Point Density  | 2.33 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.33 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 2.00 °    |



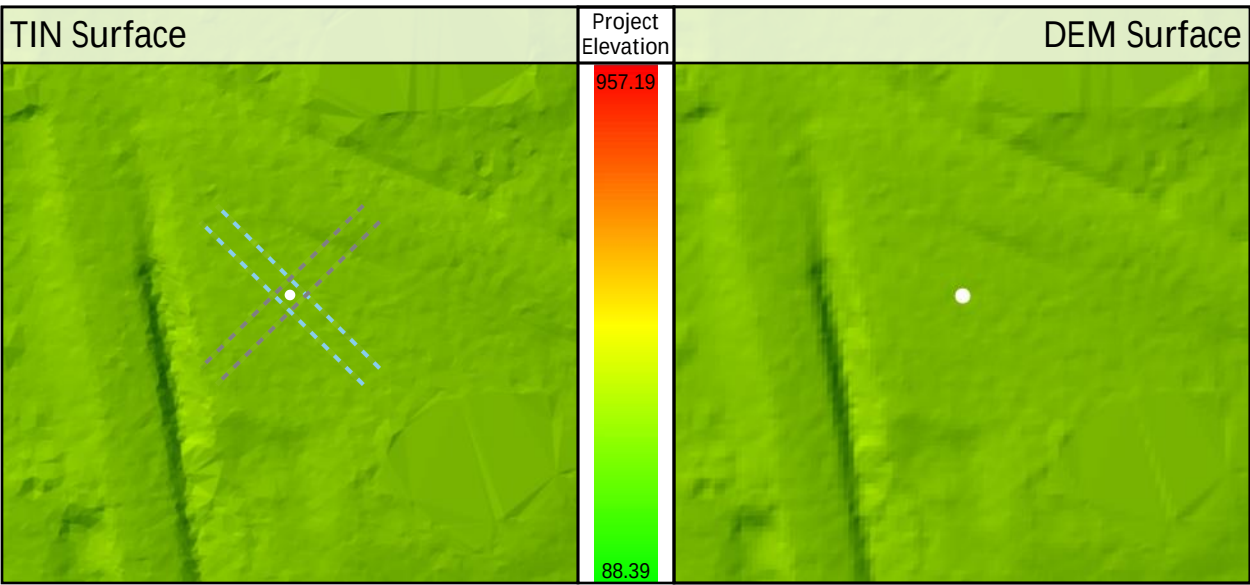
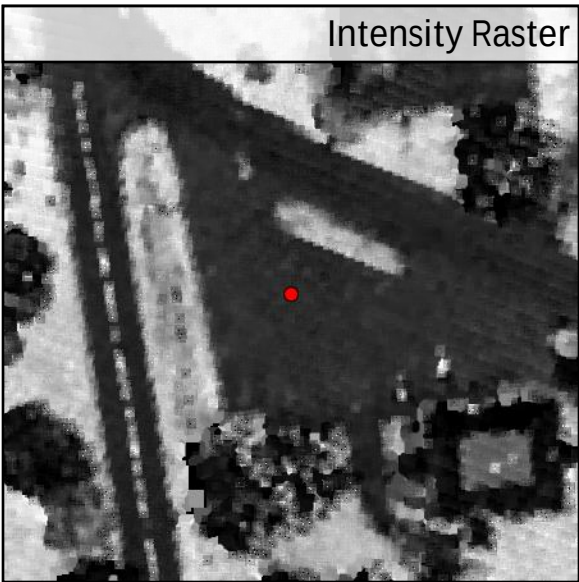
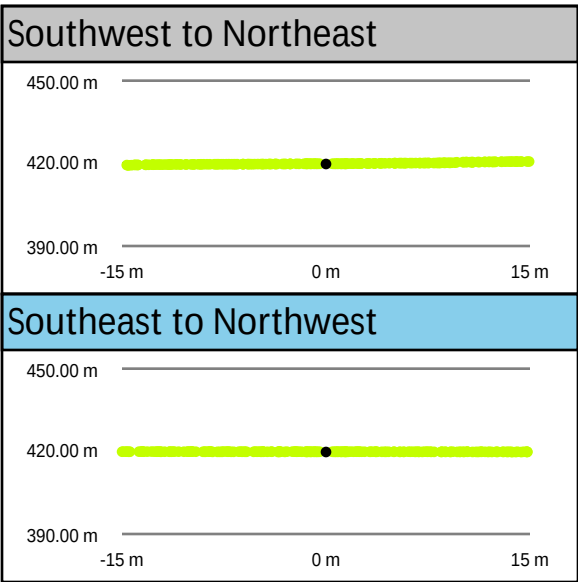
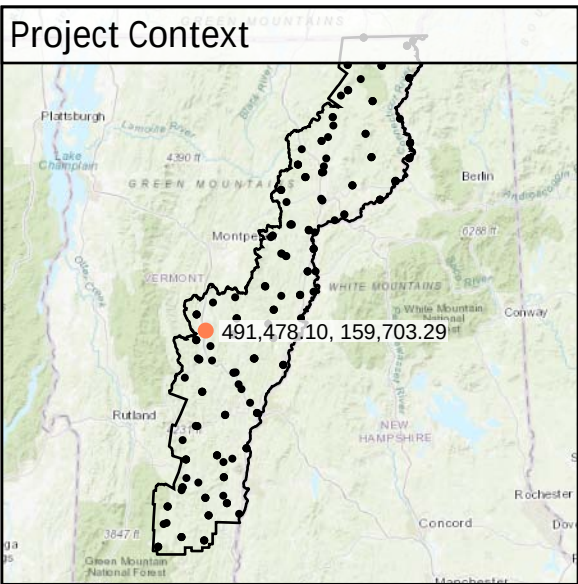
DEM Dz +0.02 m

NVA - UA24

Raw TIN Dz +0.02 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA25 | Known Z    | 419.76 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.08 m   | Slope          | 1.27 °    |

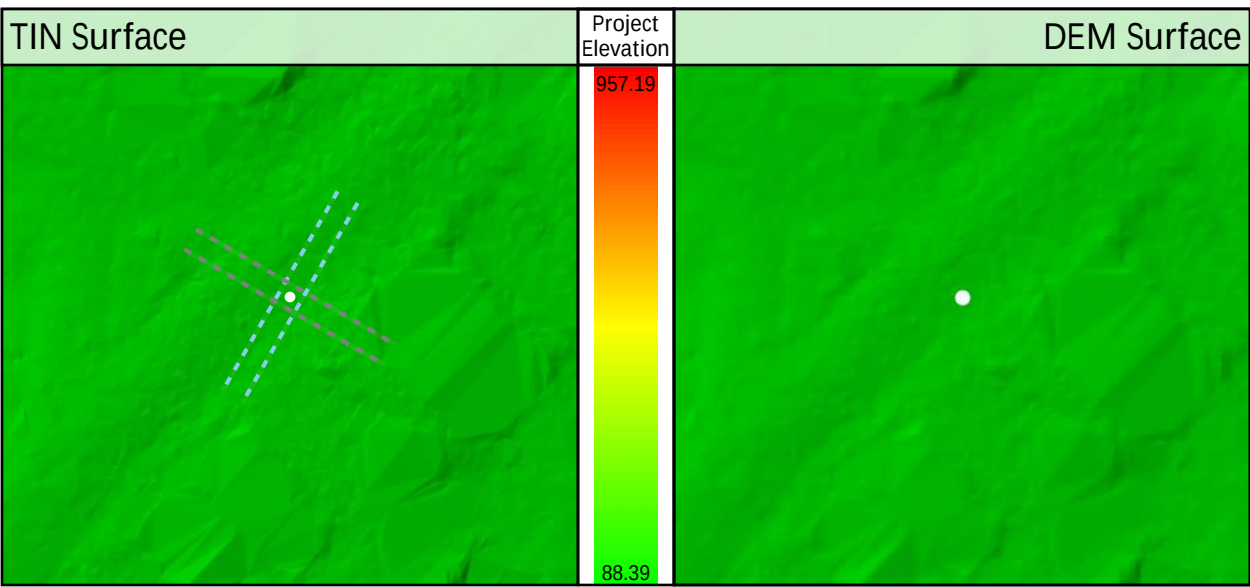
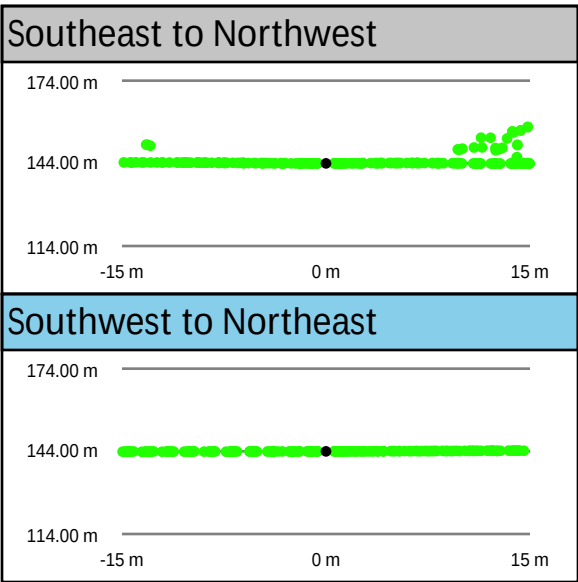
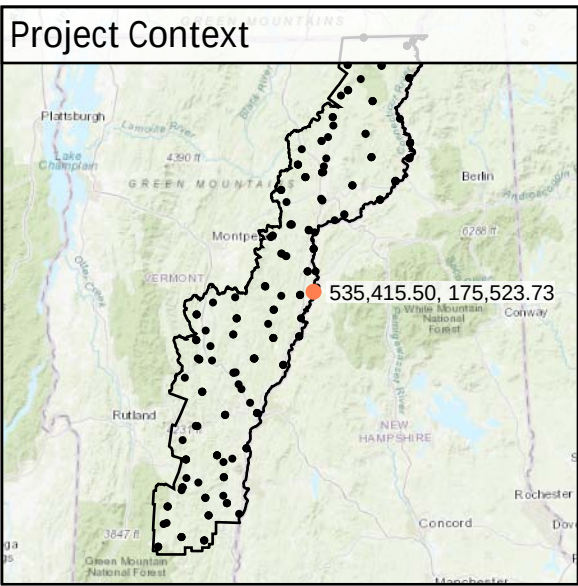


DEM Dz +0.08 m

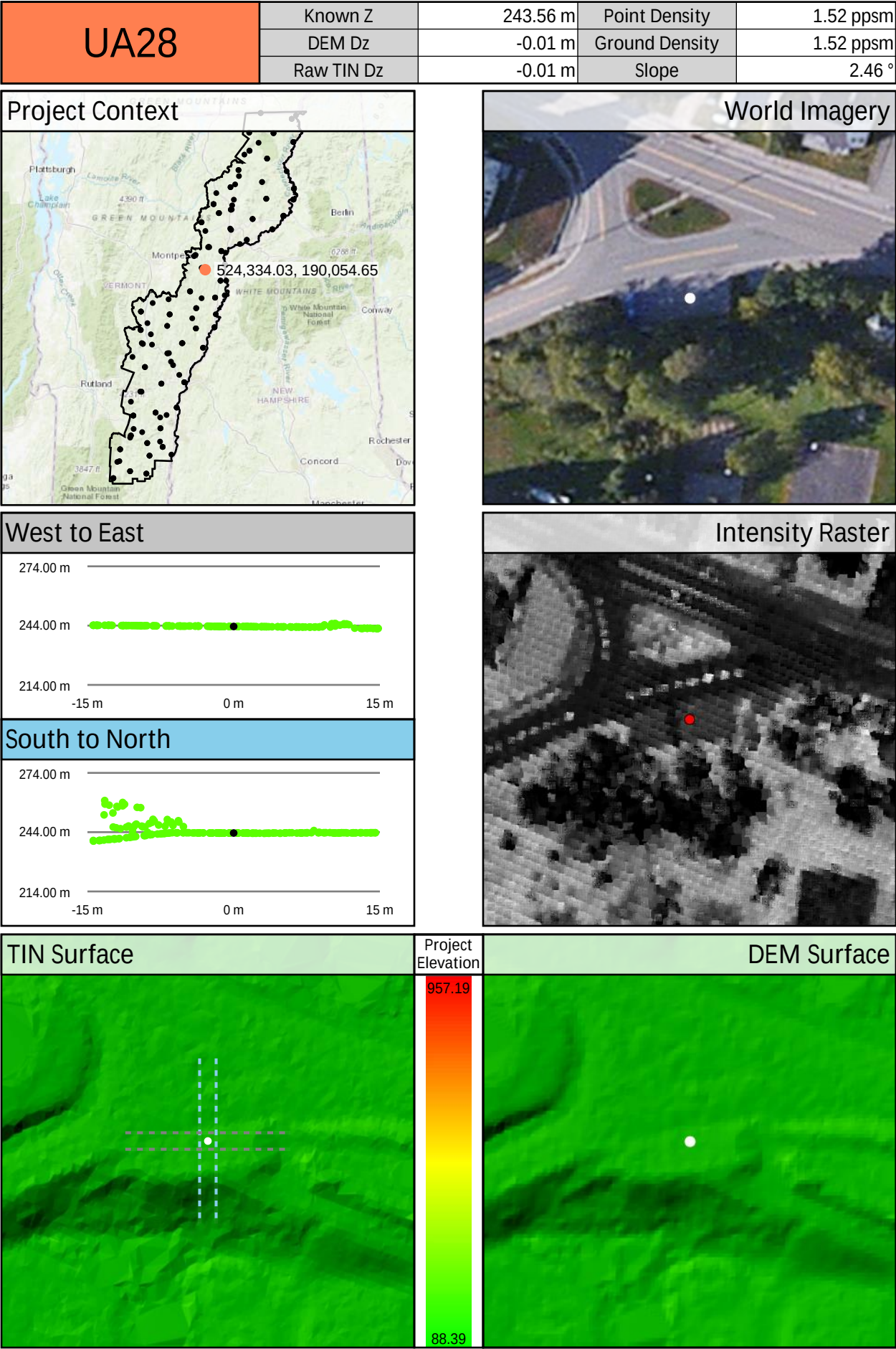
NVA - UA25

Raw TIN Dz +0.08 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA26 | Known Z    | 143.98 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | -0.03 m  | Slope          | 0.81 °    |



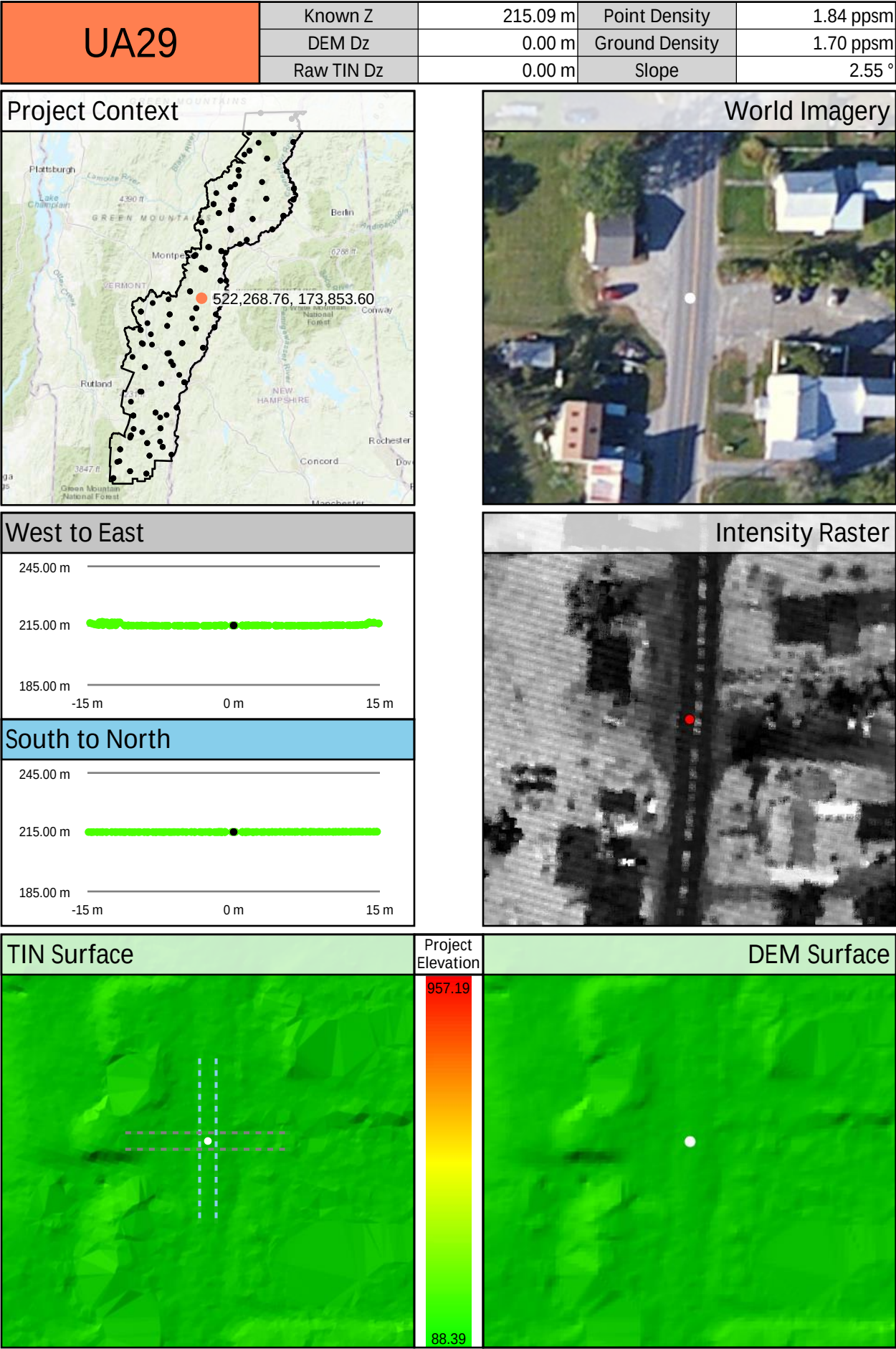




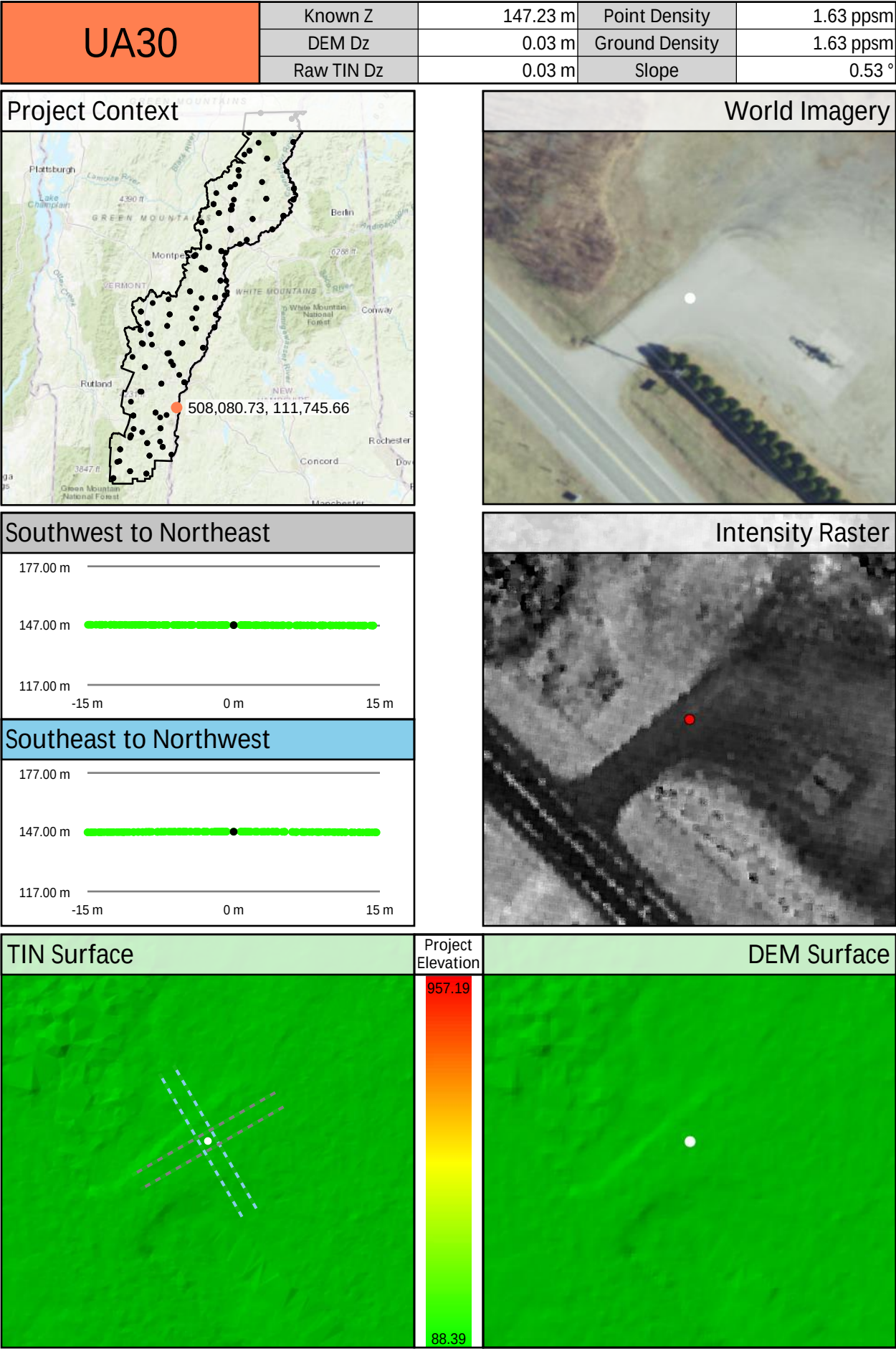
DEM Dz -0.01 m

NVA - UA28

Raw TIN Dz -0.01 m





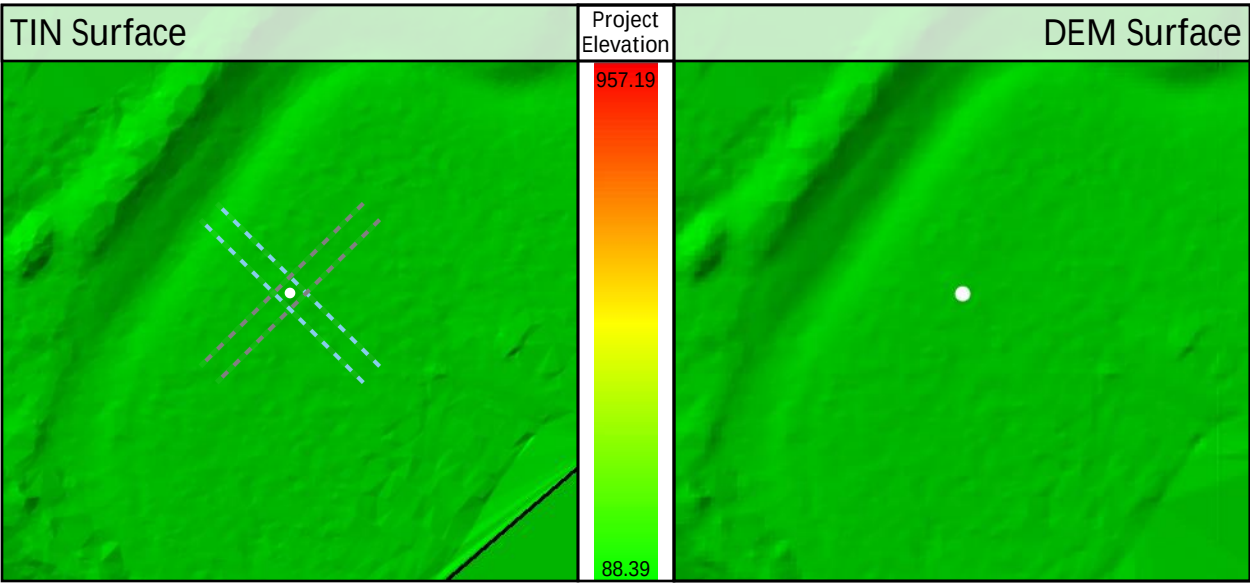
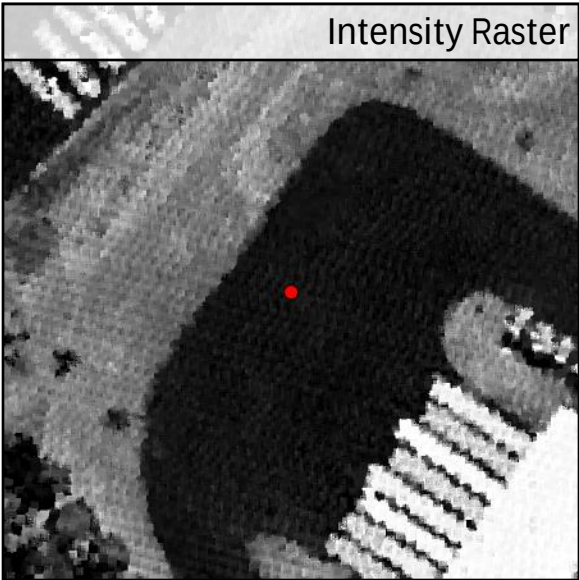
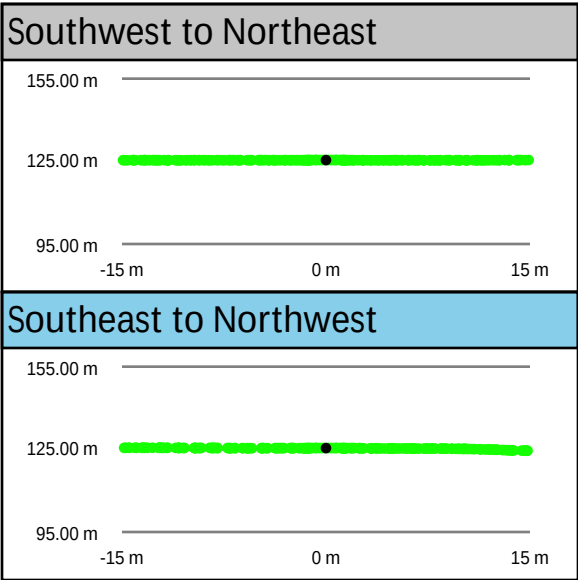
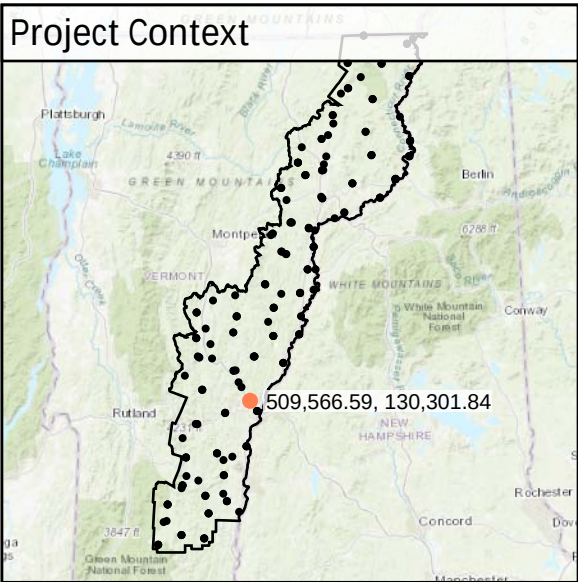


Raw TIN Dz +0.03 m

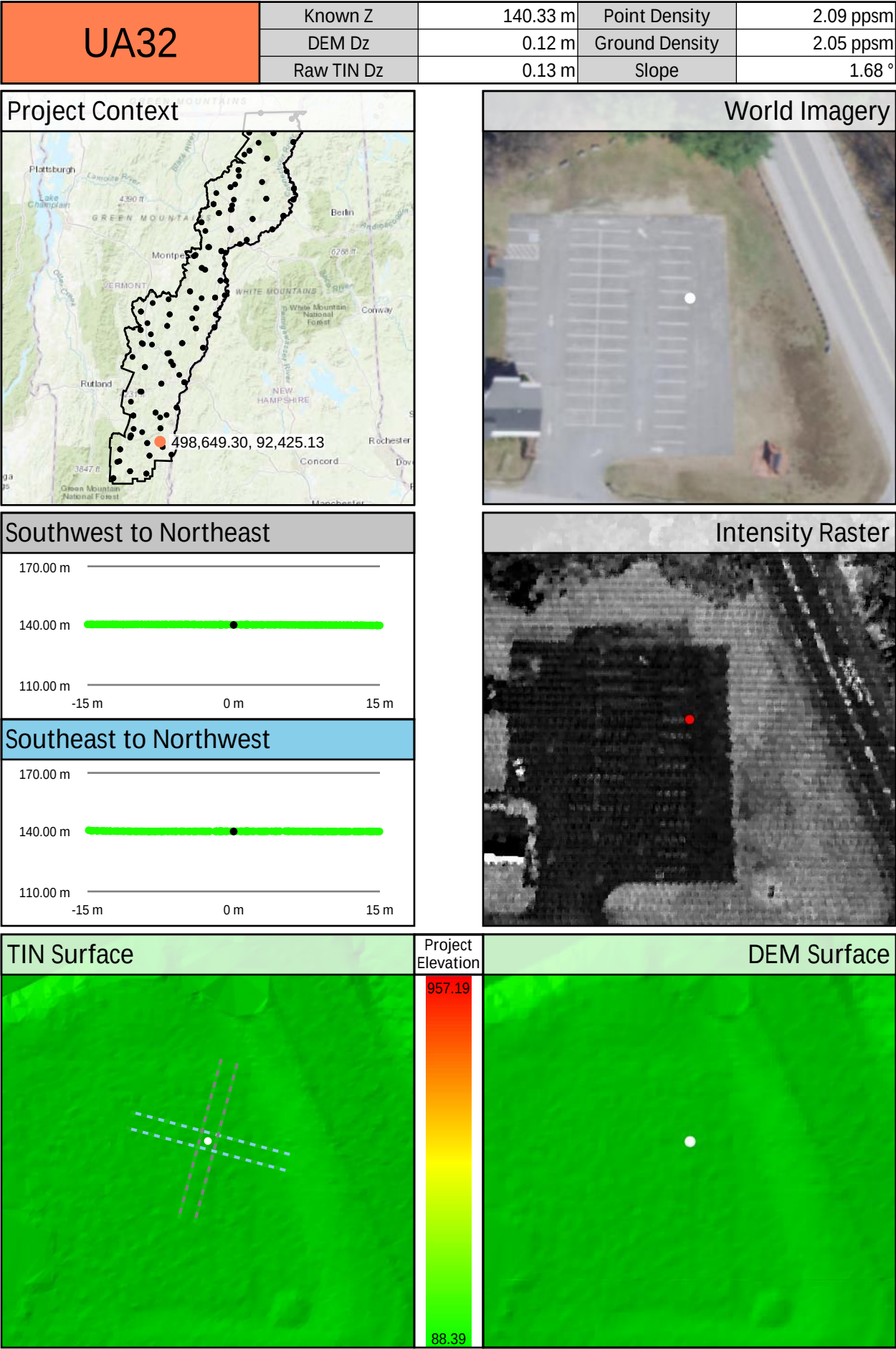
NVA - UA30

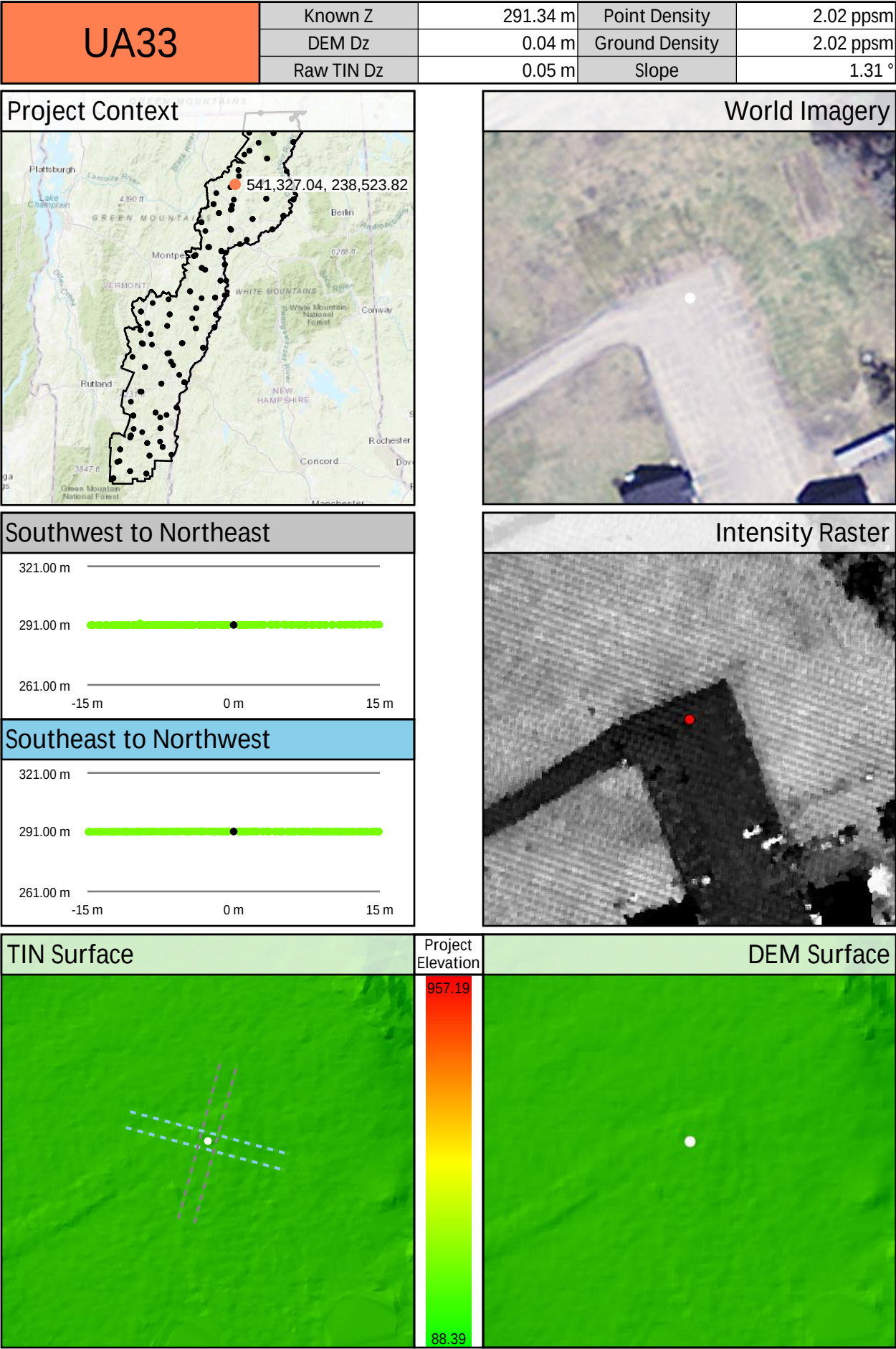
DEM Dz +0.03 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA31 | Known Z    | 125.45 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 1.64 °    |



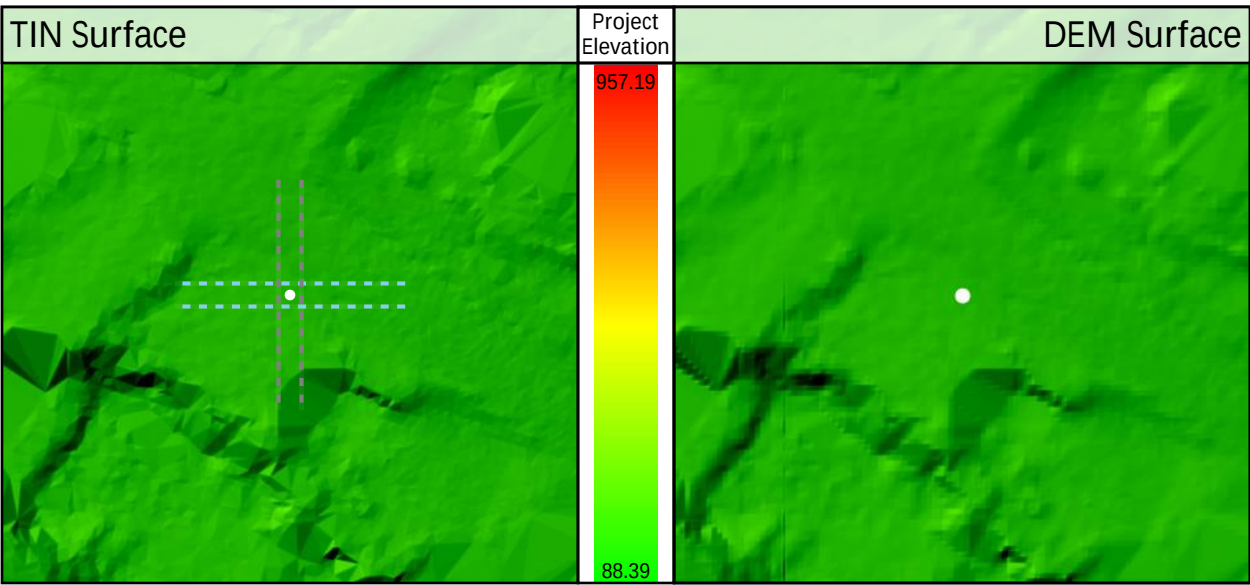
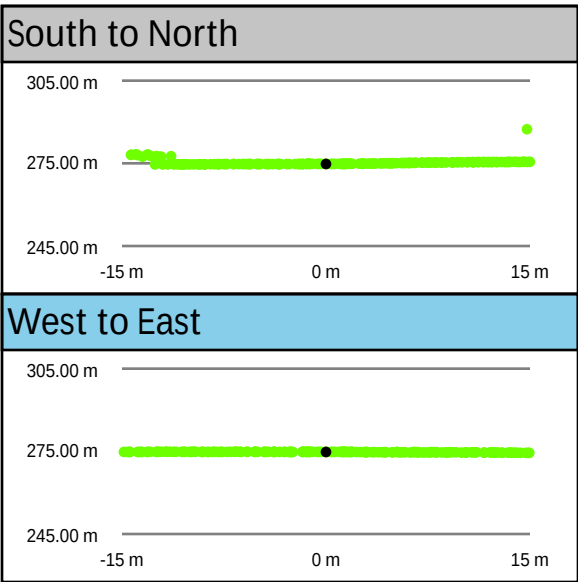
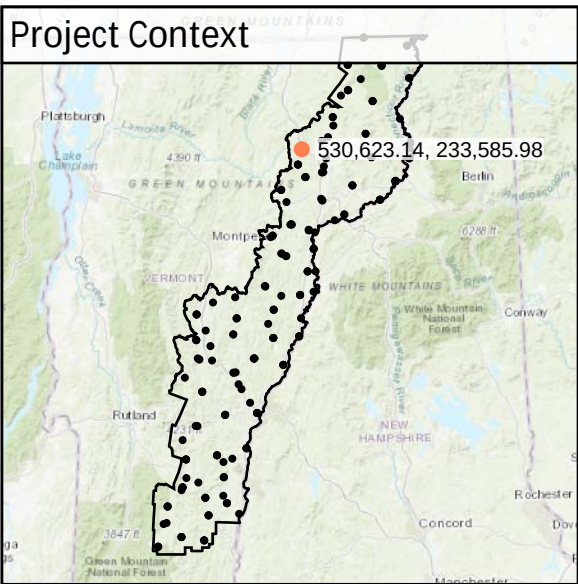








|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| UA34 | Known Z    | 274.76 m | Point Density  | 1.87 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 1.69 °    |

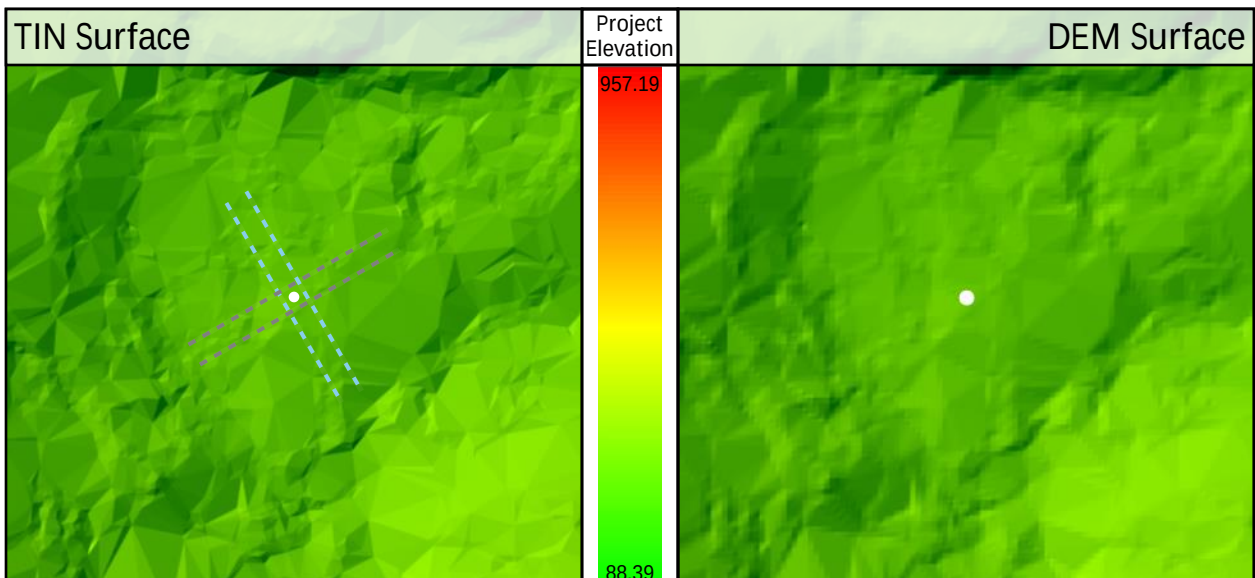
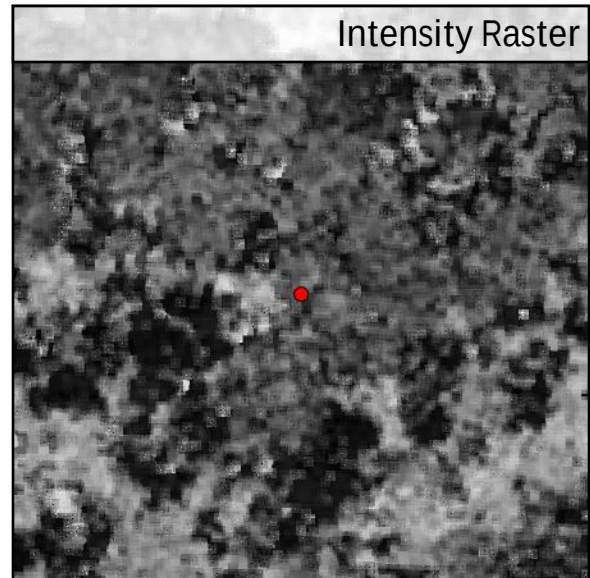
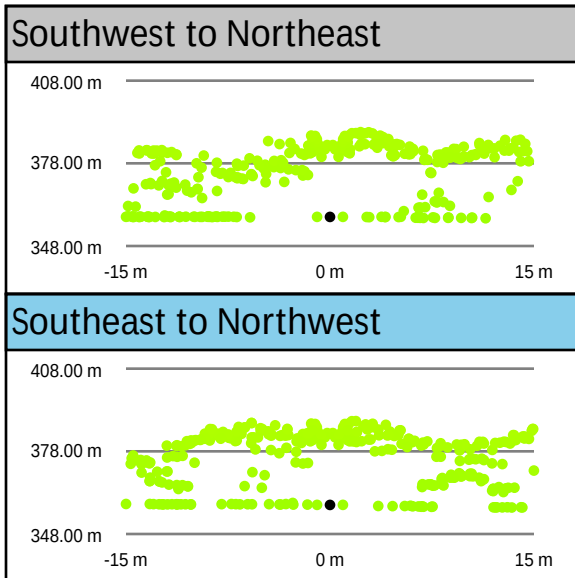
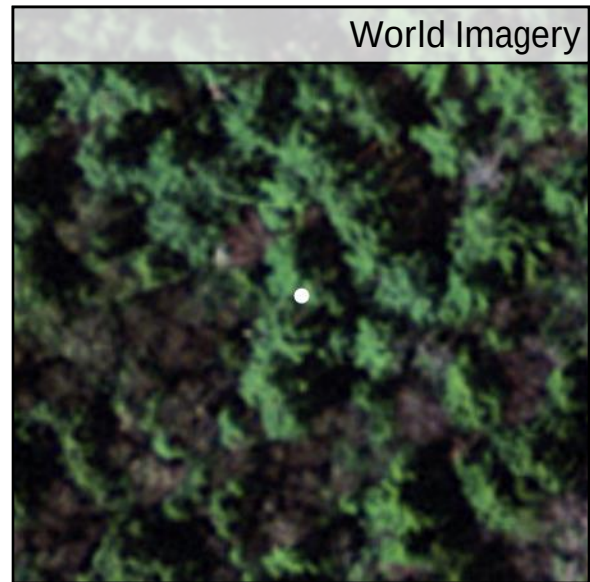
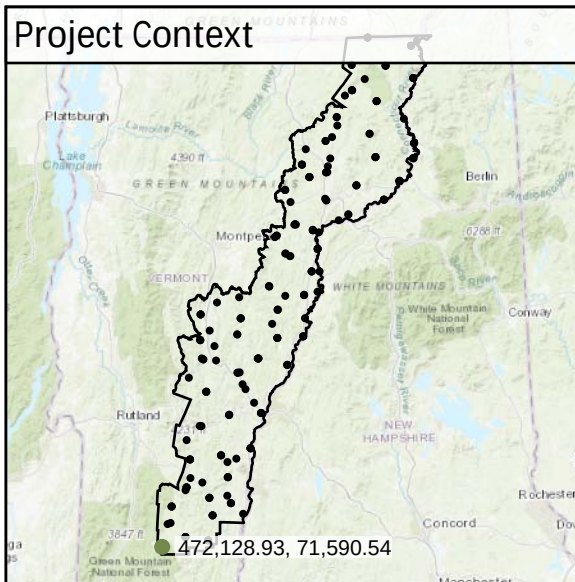


DEM Dz +0.04 m

NVA - UA34

Raw TIN Dz +0.03 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO01 | Known Z    | 358.55 m | Point Density  | 1.87 ppsm |
|      | DEM Dz     | -0.06 m  | Ground Density | 0.18 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.82 °    |

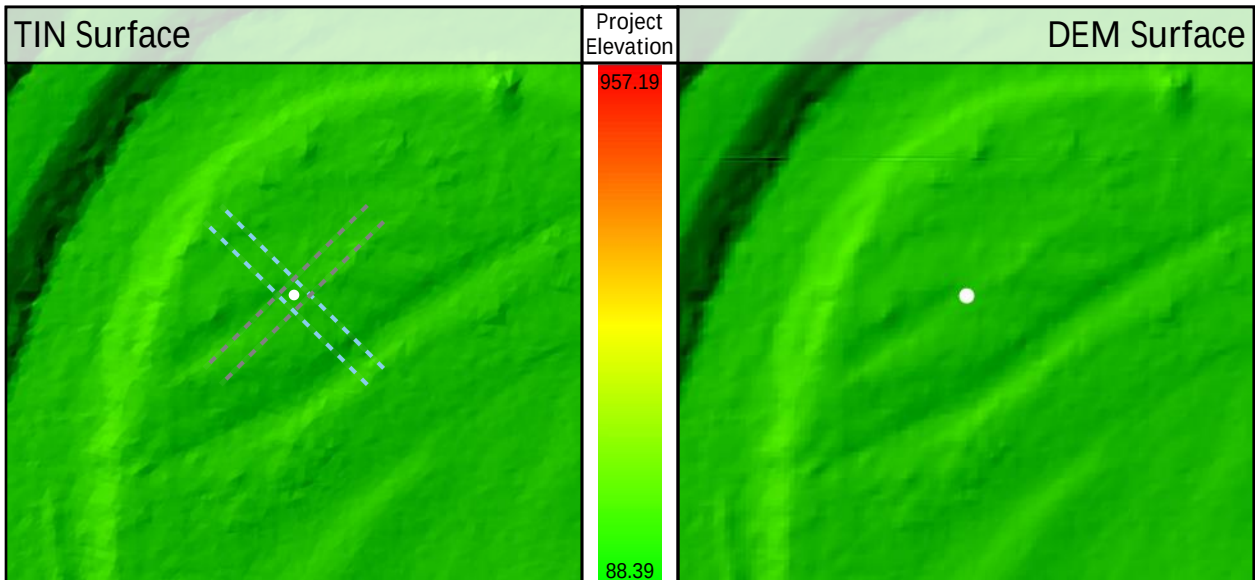
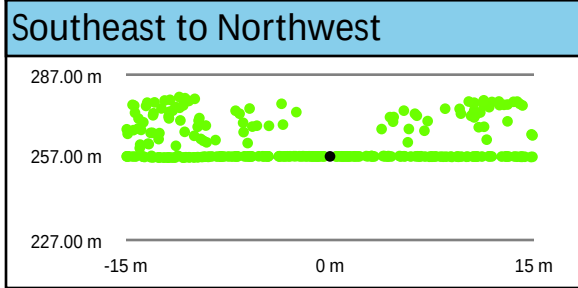
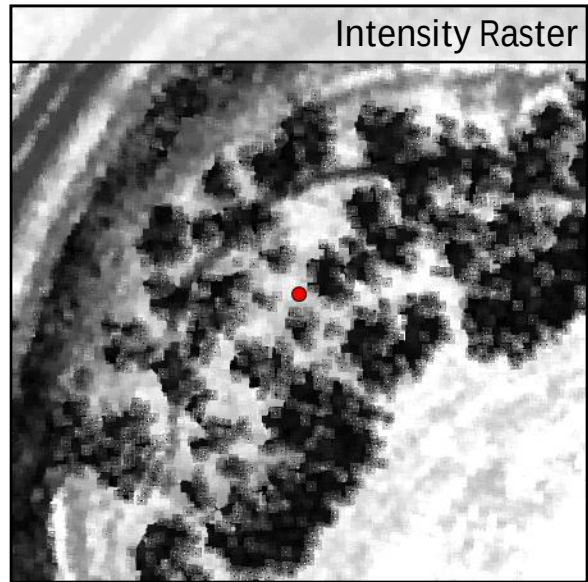
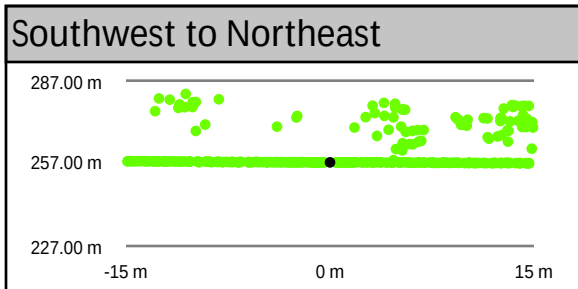
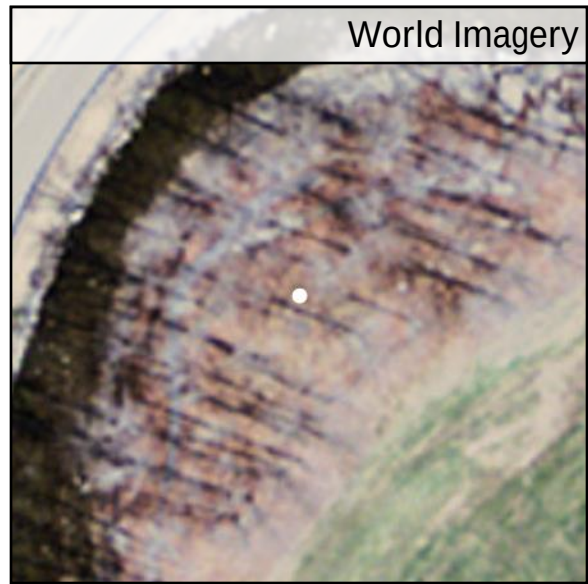
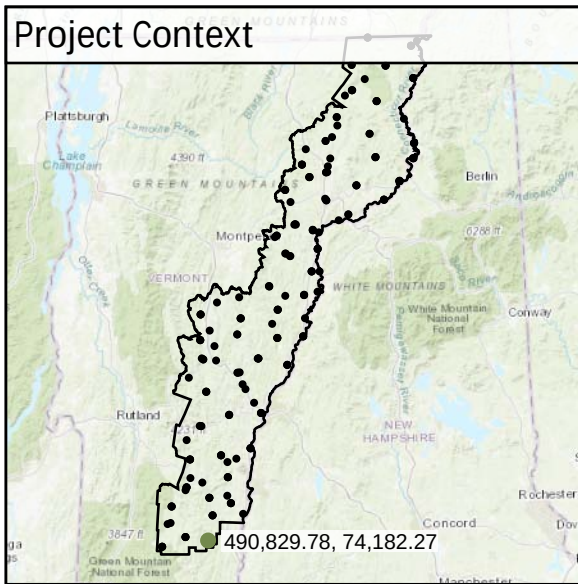


DEM Dz -0.06 m

VWA - FO01



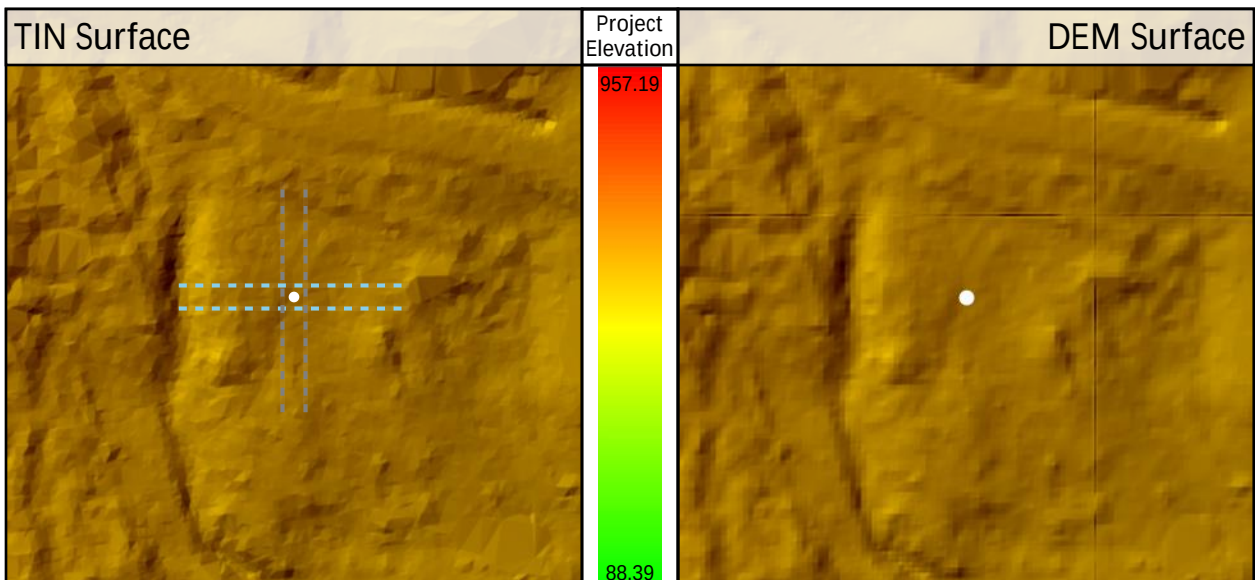
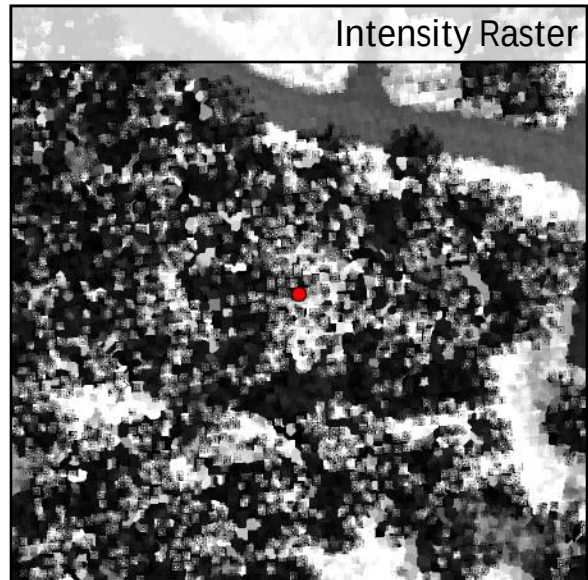
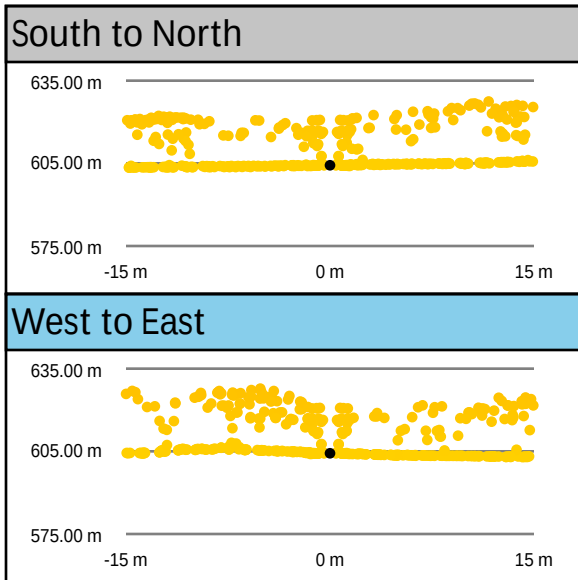
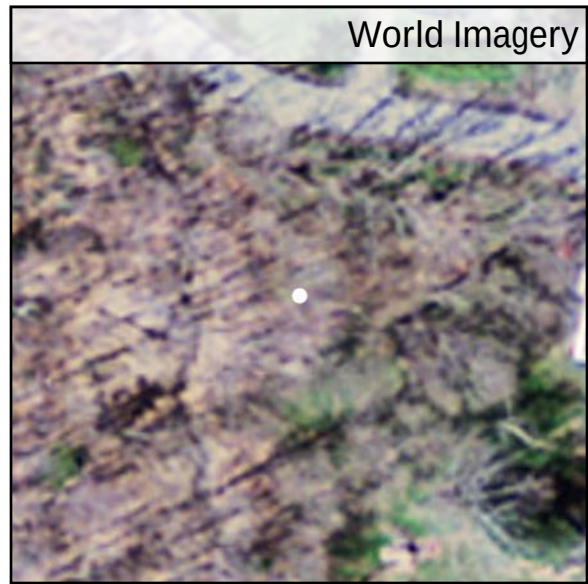
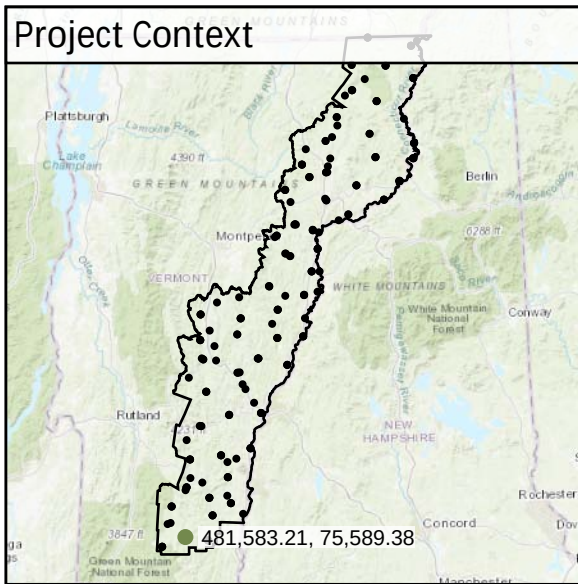
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO02 | Known Z    | 257.34 m | Point Density  | 1.63 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.45 °    |



DEM Dz +0.00 m

VWA - FO02

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO03 | Known Z    | 604.29 m | Point Density  | 2.69 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 9.42 °    |

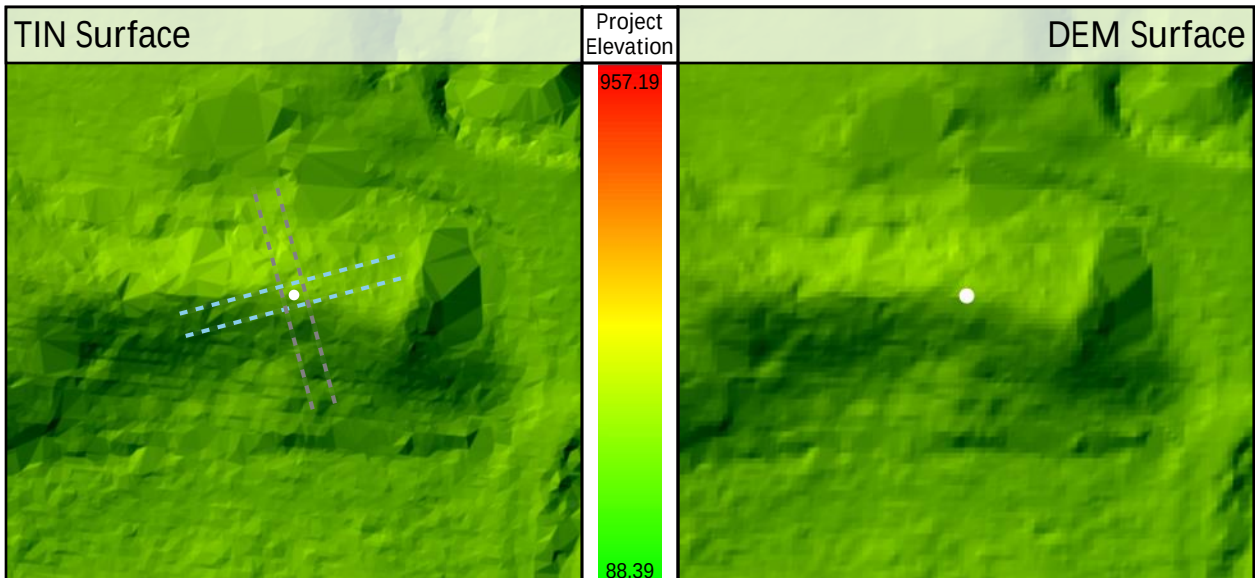
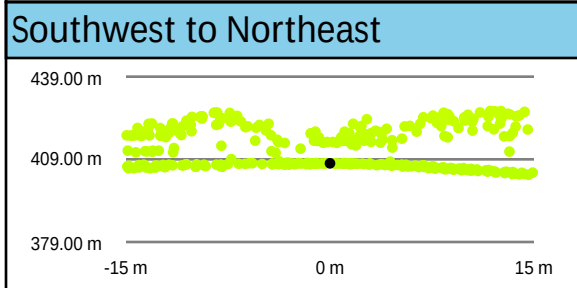
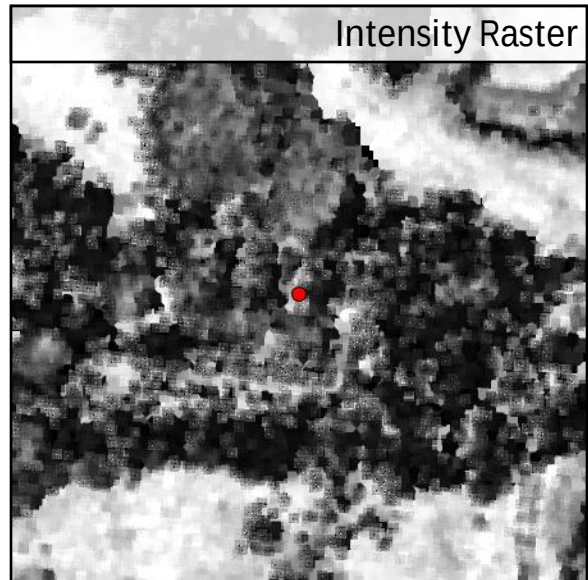
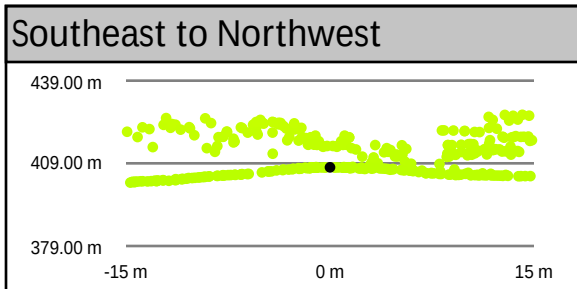
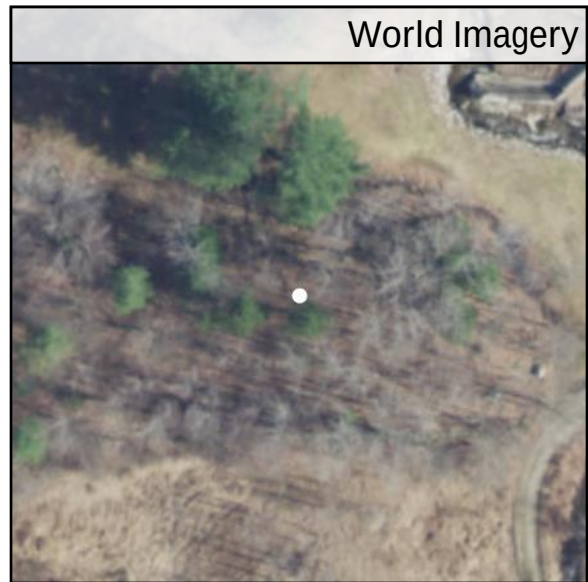
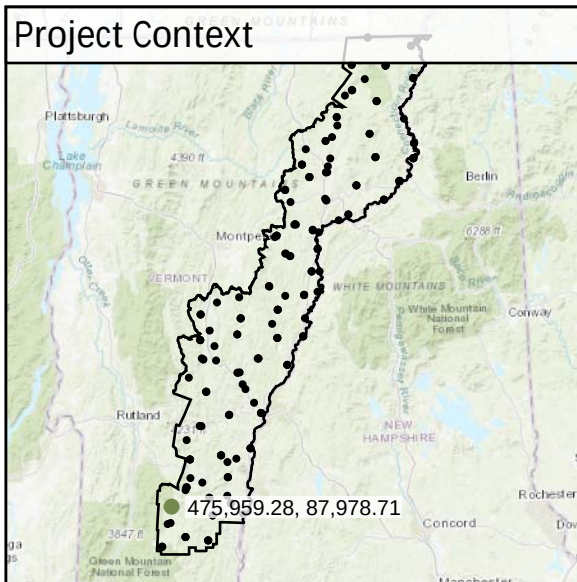


DEM Dz 0.00 m

VWA - FO03



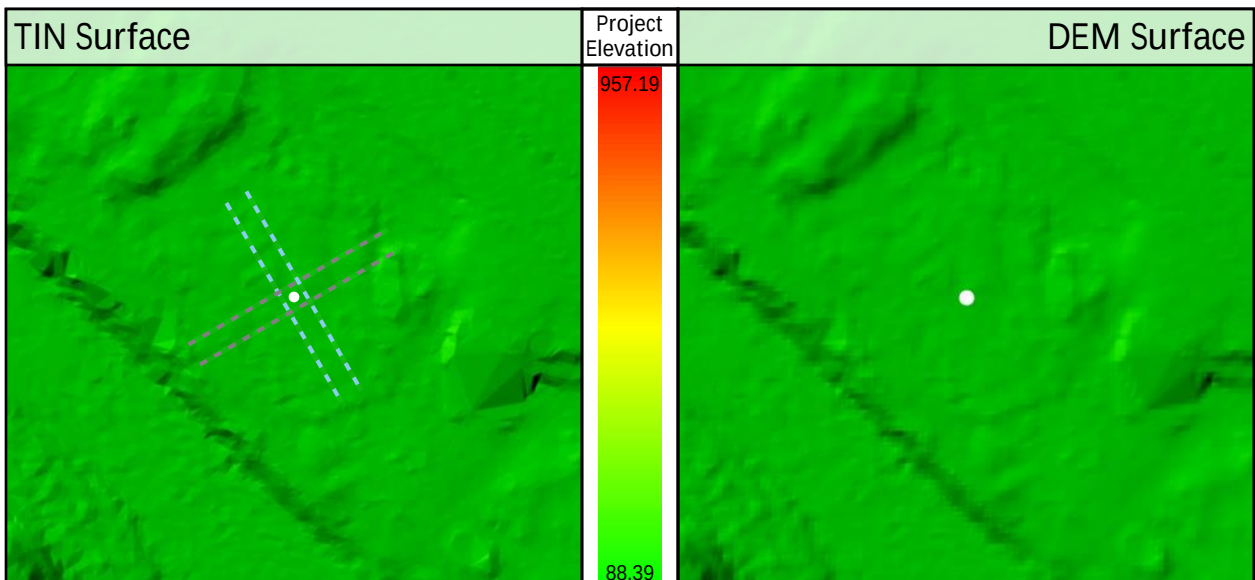
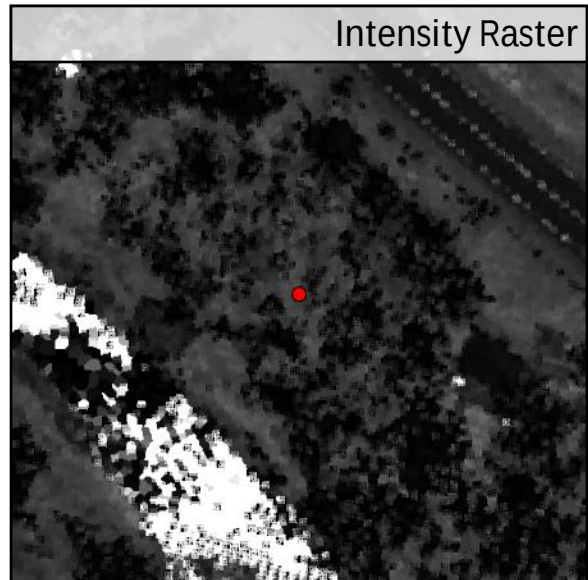
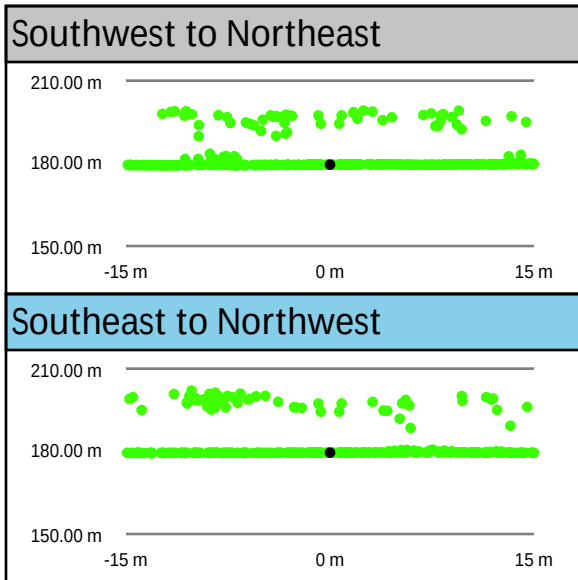
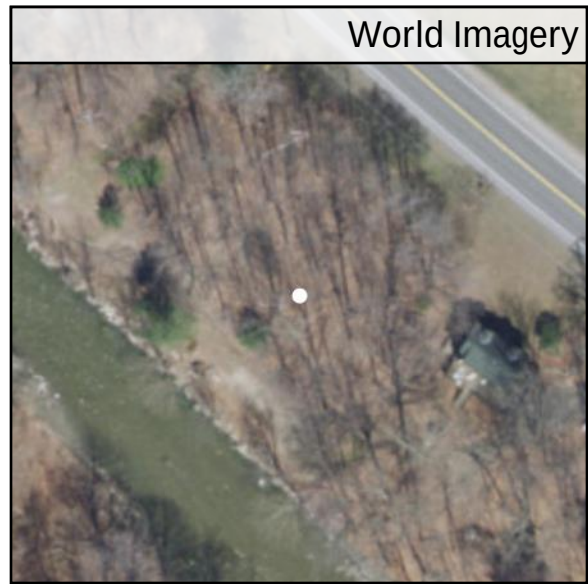
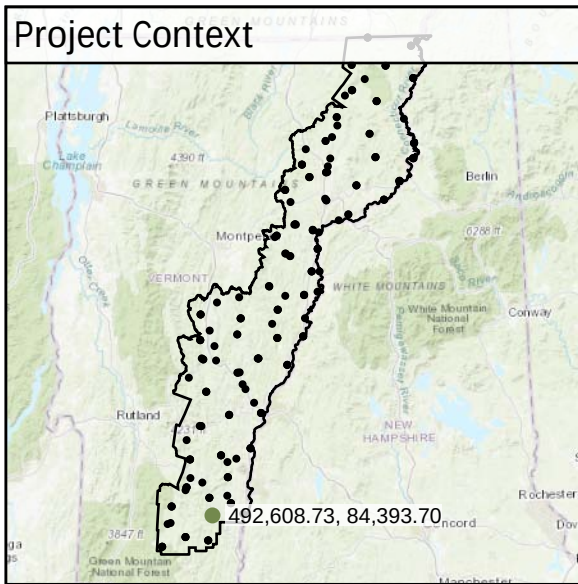
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO04 | Known Z    | 407.54 m | Point Density  | 2.05 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.90 °    |



DEM Dz -0.05 m

VWA - FO04

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO05 | Known Z    | 179.52 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 2.19 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.07 °    |

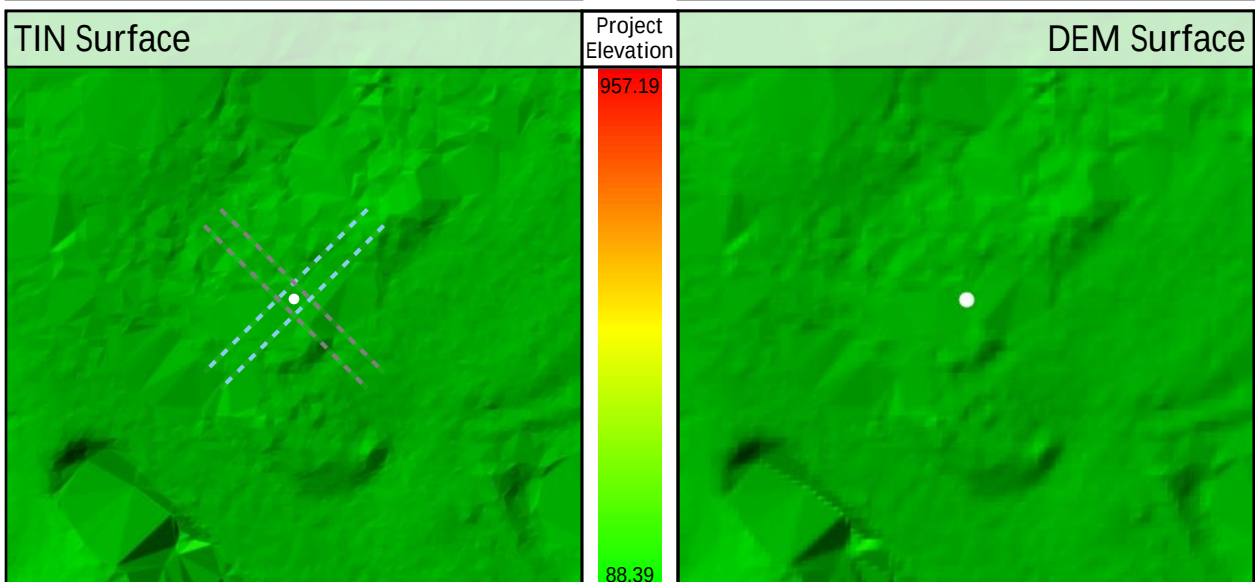
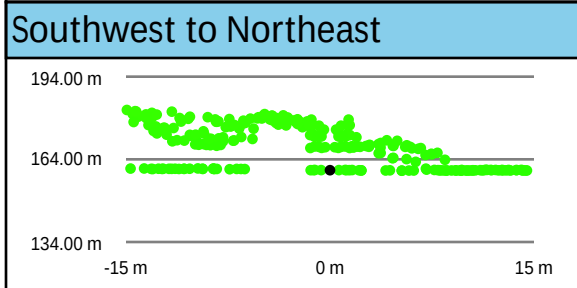
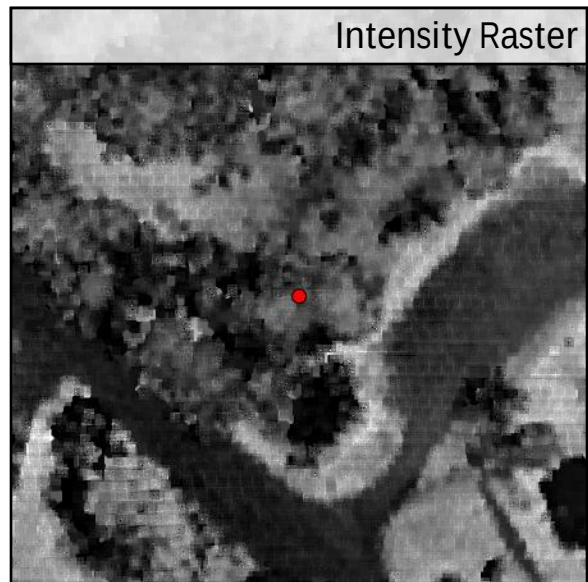
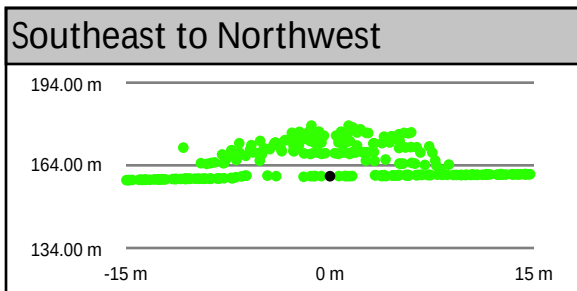
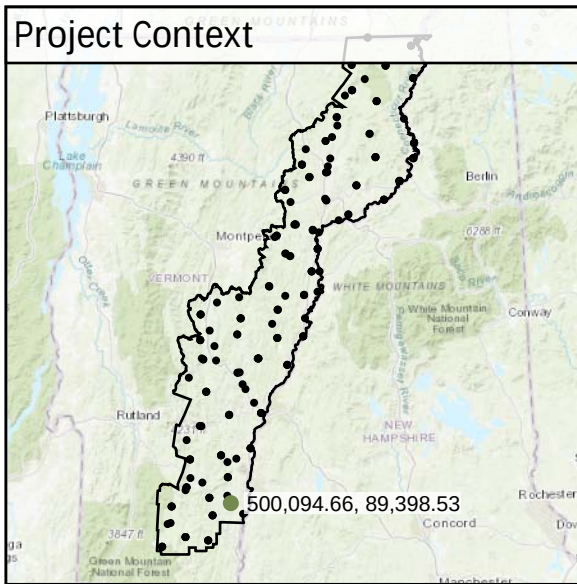


DEM Dz +0.01 m

VVA - FO05



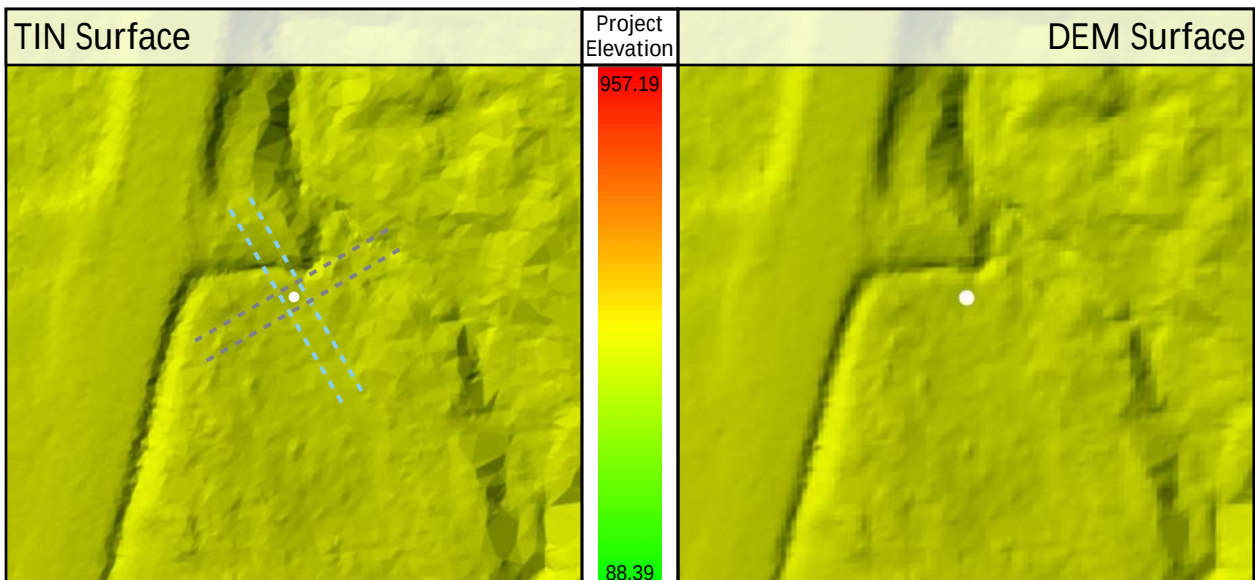
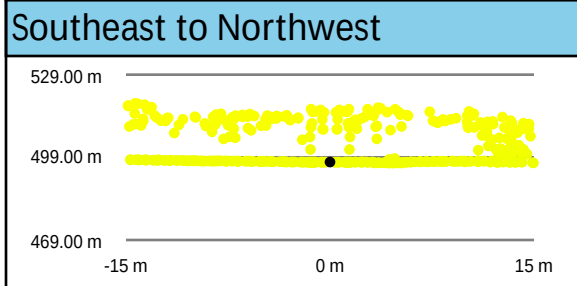
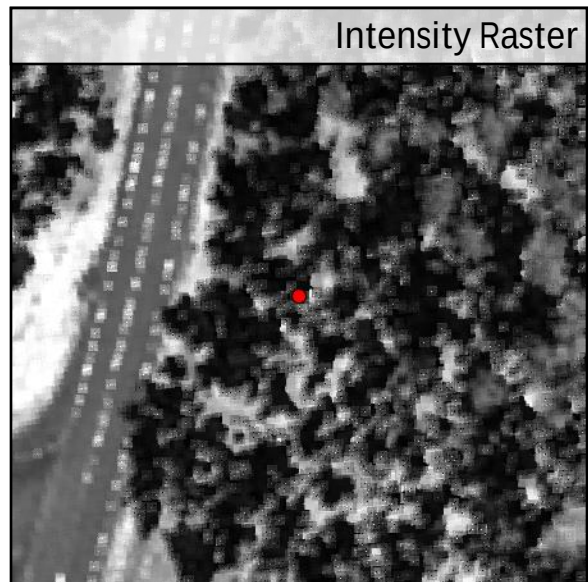
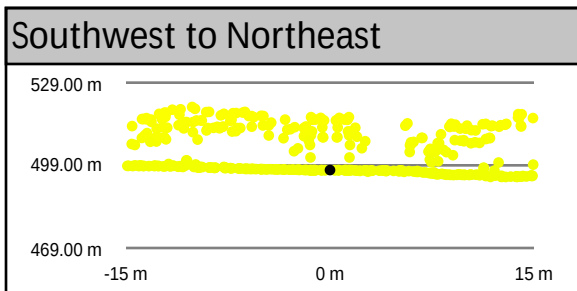
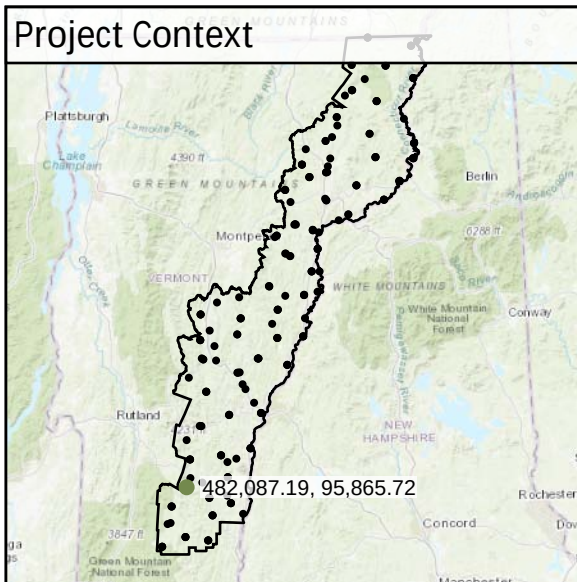
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|------|------------|----------|----------------|-----------|
| FO07 | Known Z    | 160.06 m | Point Density  | 2.23 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 0.32 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.50 °    |



DEM Dz +0.08 m

VWA - FO07

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO08 | Known Z    | 497.29 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | -0.04 m  | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.21 °    |

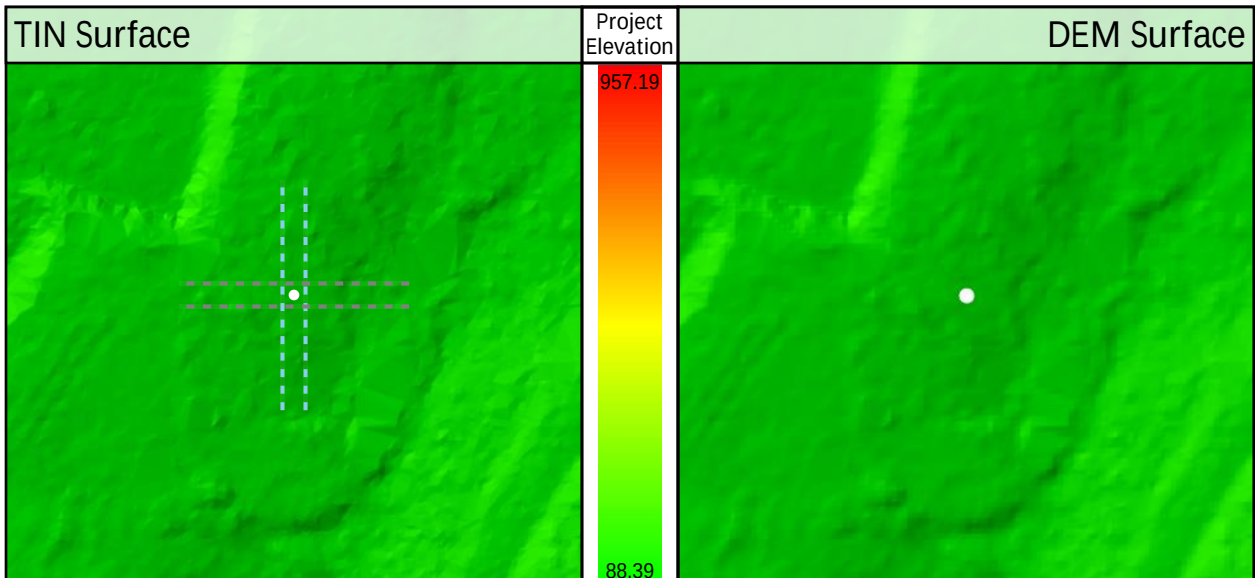
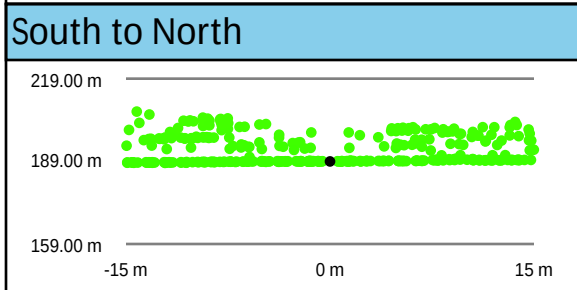
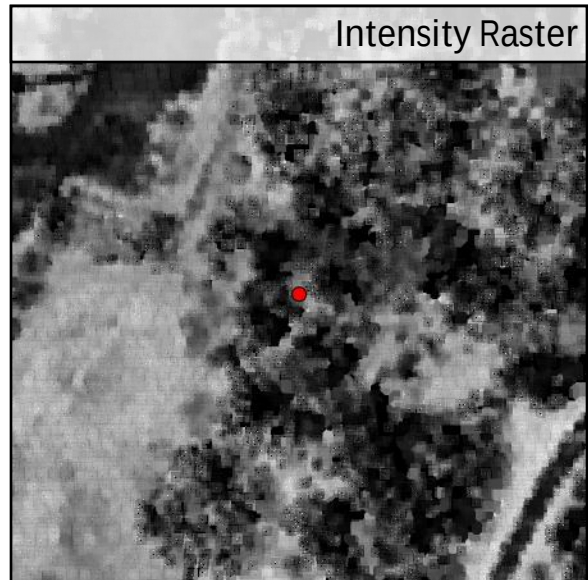
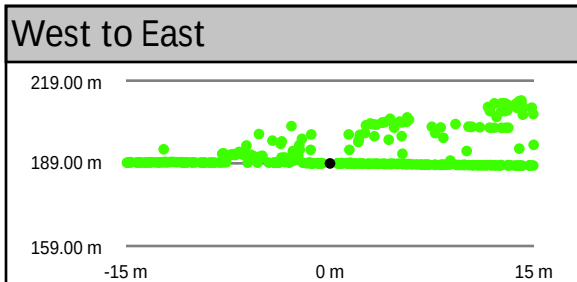
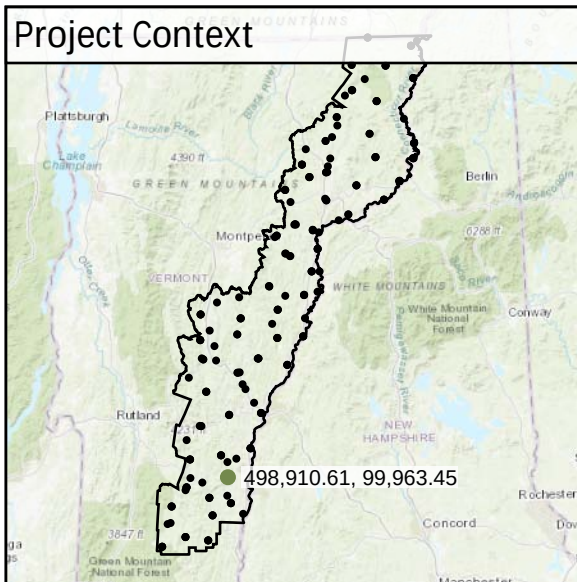


DEM Dz -0.04 m

VWA - FO08



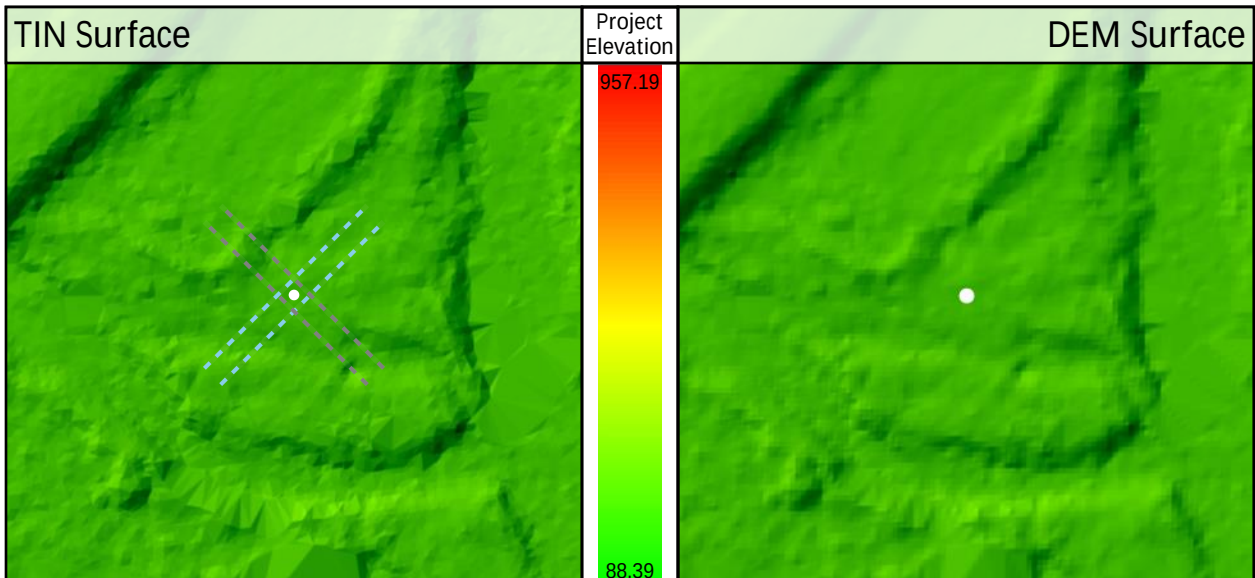
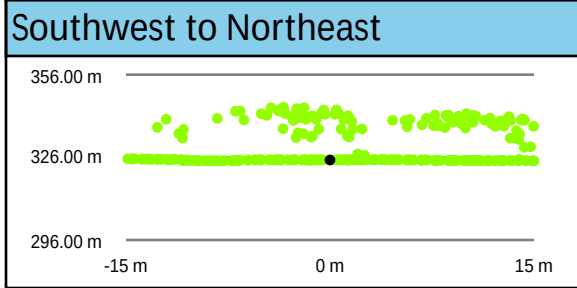
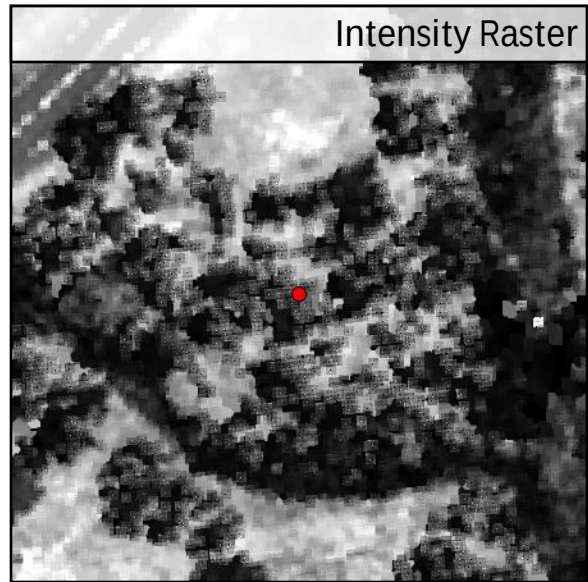
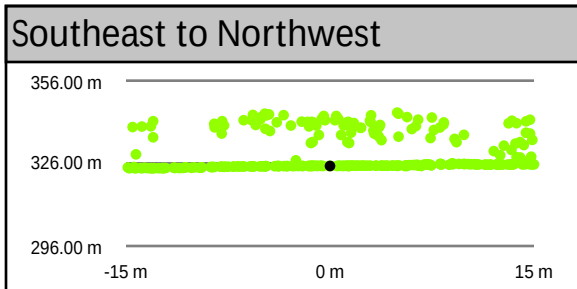
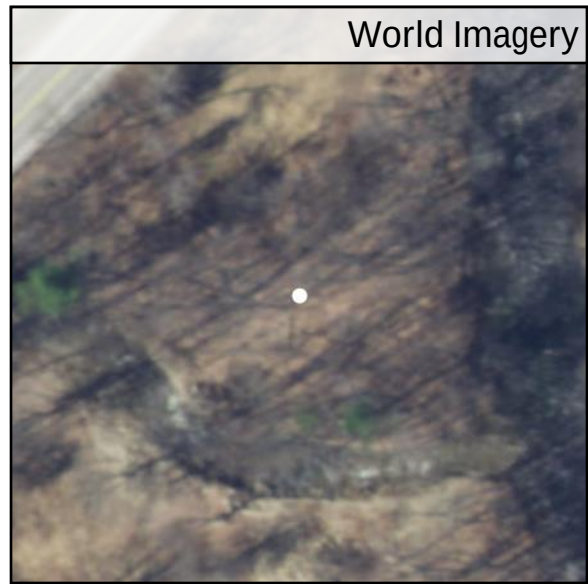
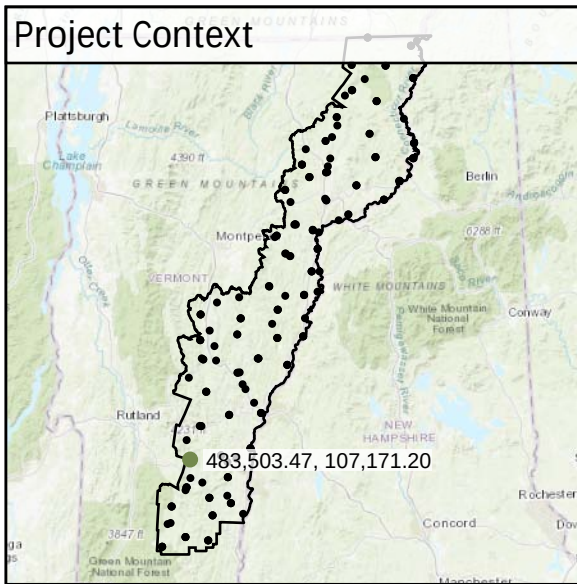
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO09 | Known Z    | 188.96 m | Point Density  | 2.09 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.64 °    |



DEM Dz +0.04 m

VVA - FO09

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO10 | Known Z    | 325.04 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 1.70 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.85 °    |

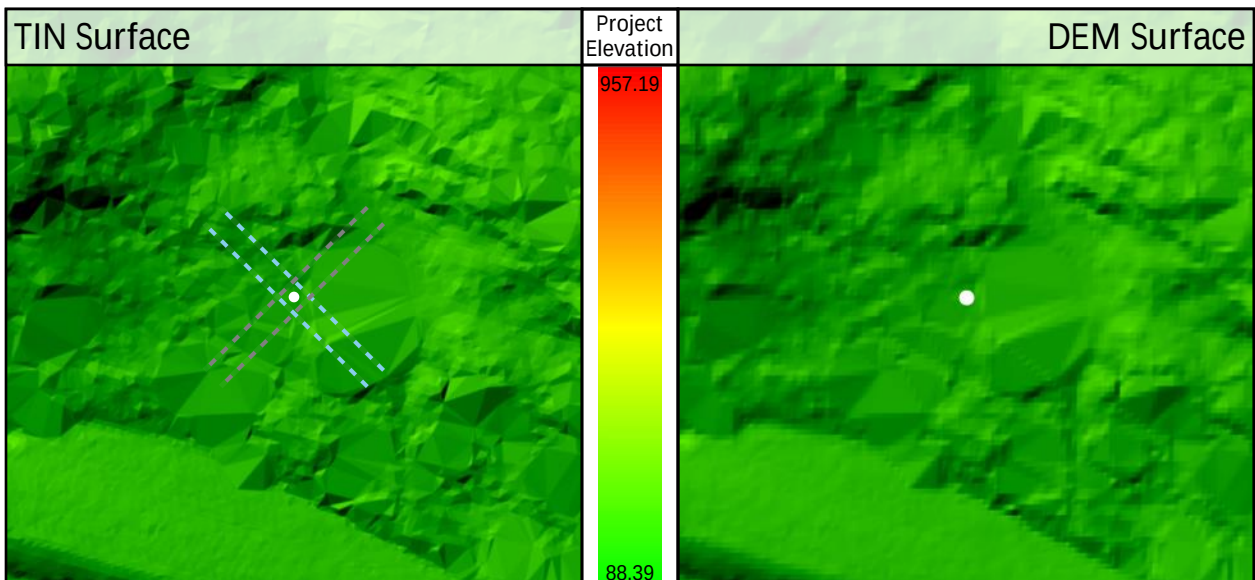
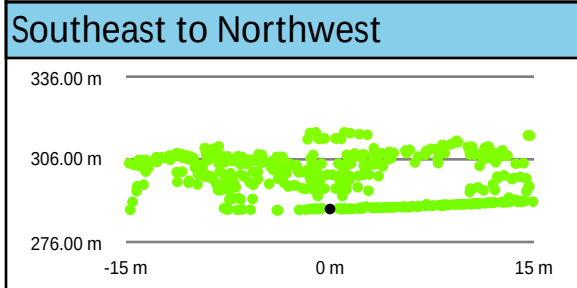
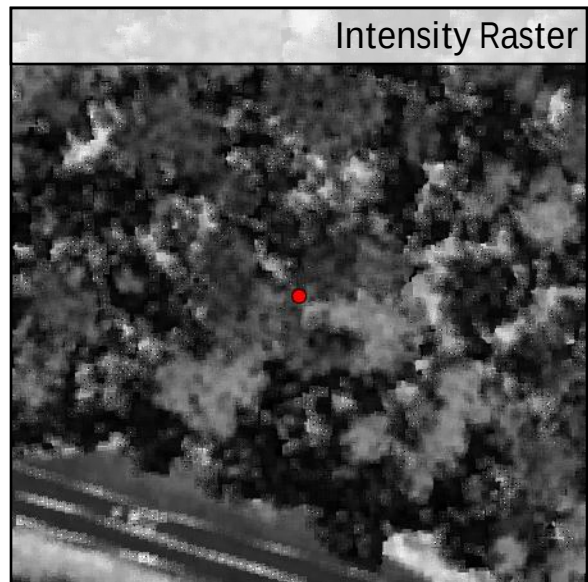
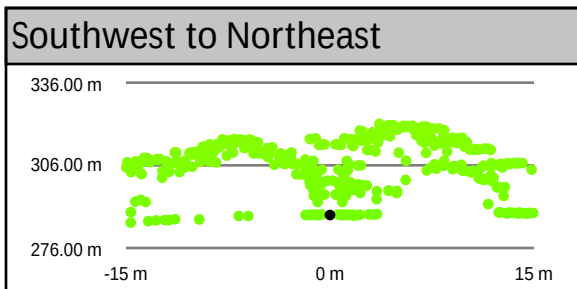
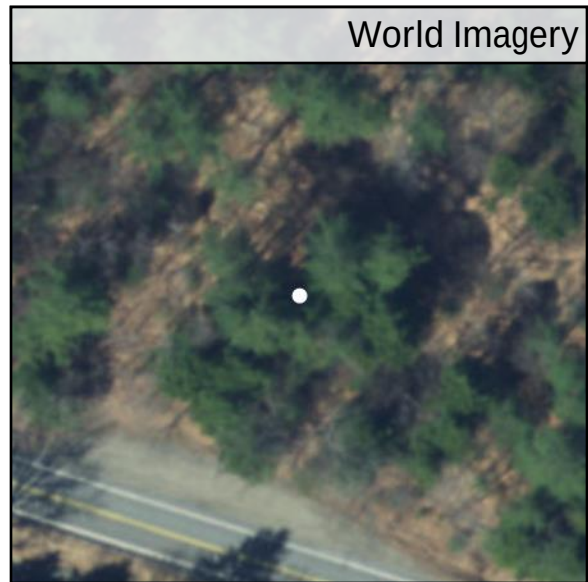
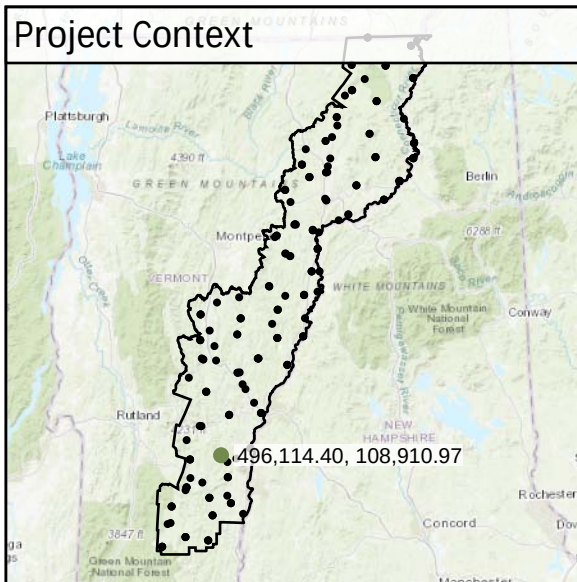


DEM Dz +0.03 m

VWA - FO10



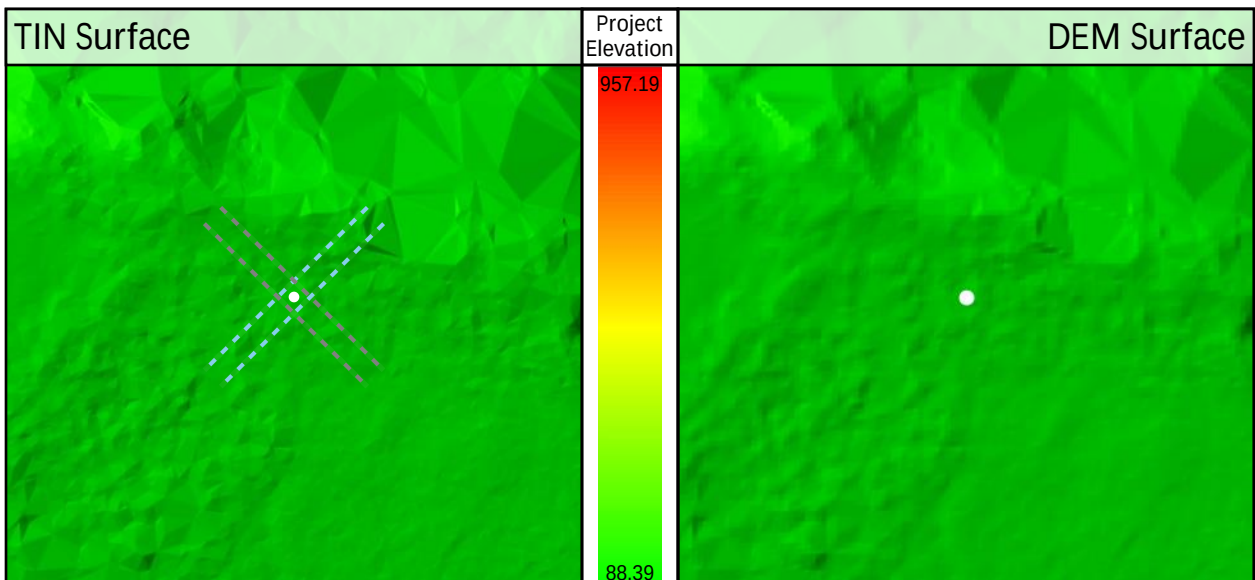
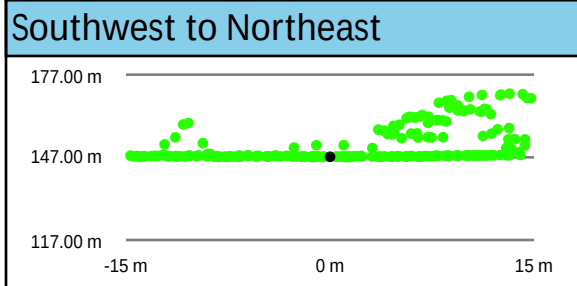
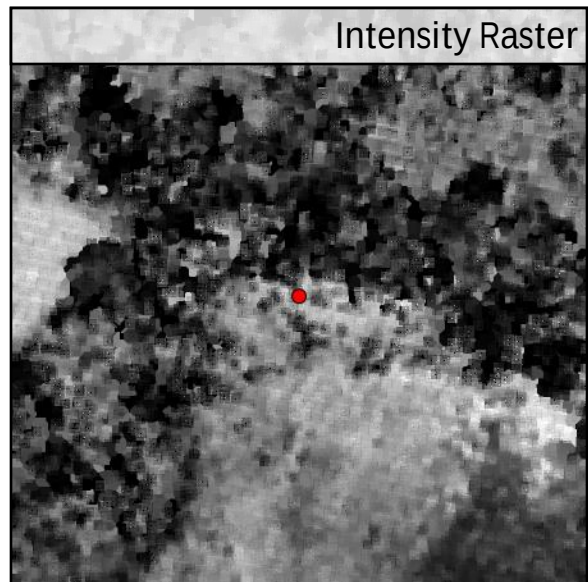
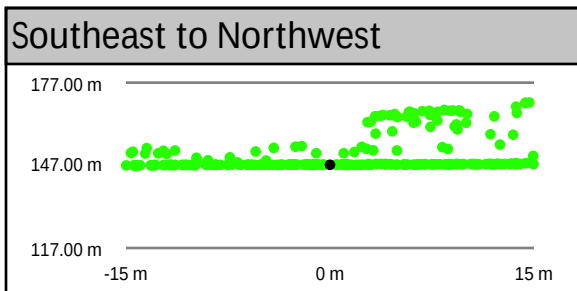
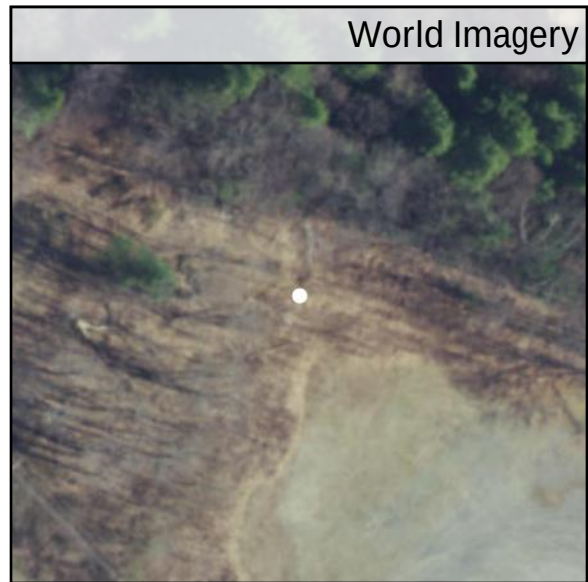
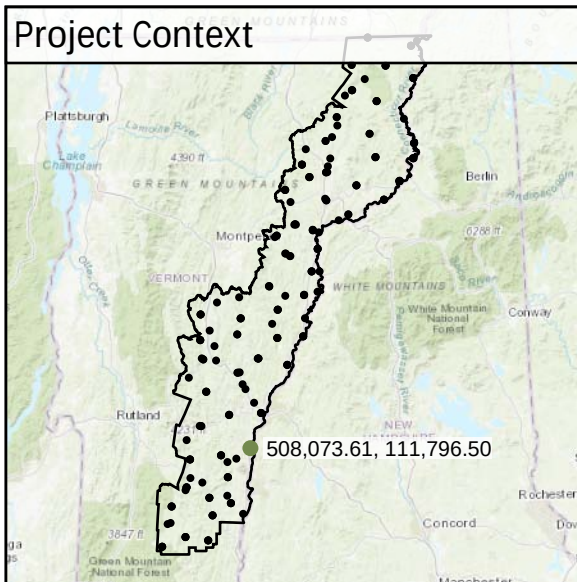
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO11 | Known Z    | 287.96 m | Point Density  | 2.33 ppsm |
|      | DEM Dz     | -0.06 m  | Ground Density | 0.74 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 7.16 °    |



DEM Dz -0.06 m

VWA - FO11

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO12 | Known Z    | 147.19 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 1.49 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.49 °    |

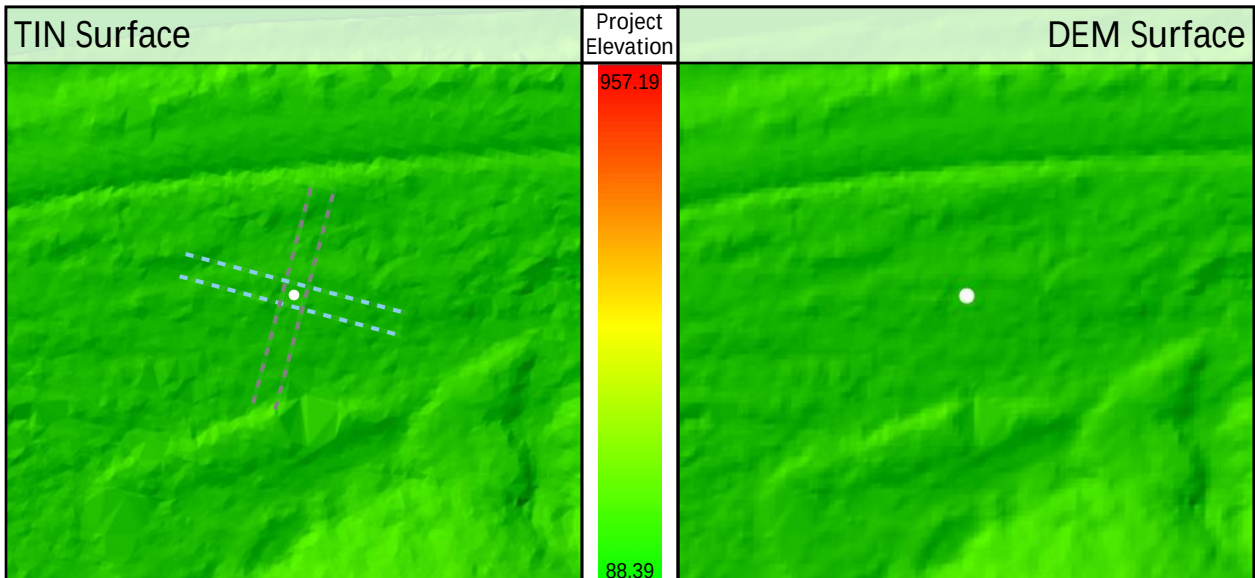
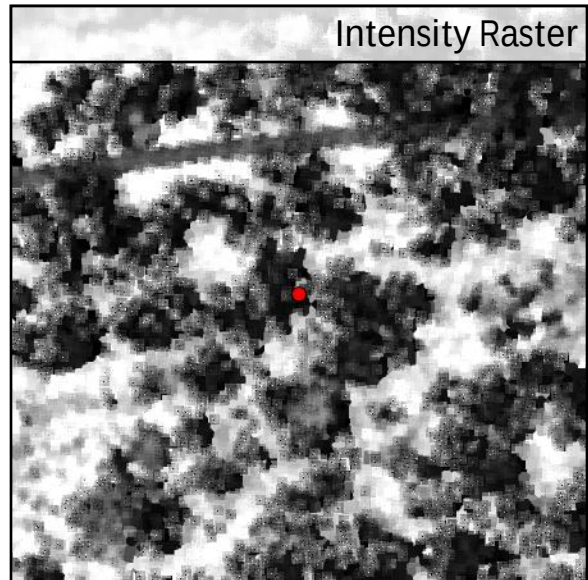
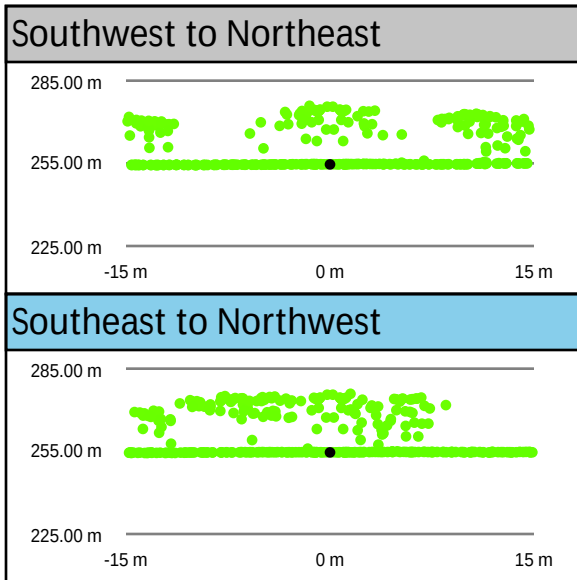
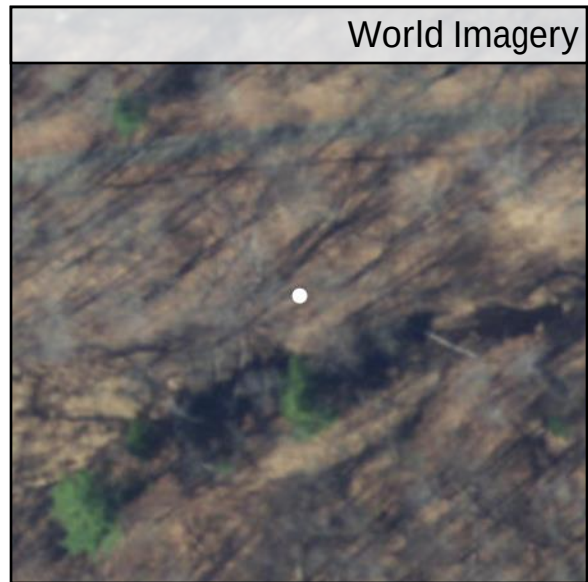
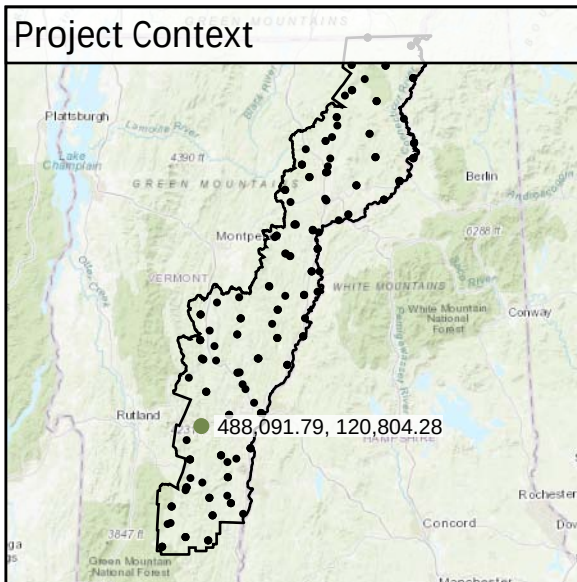


DEM Dz +0.03 m

VWA - FO12



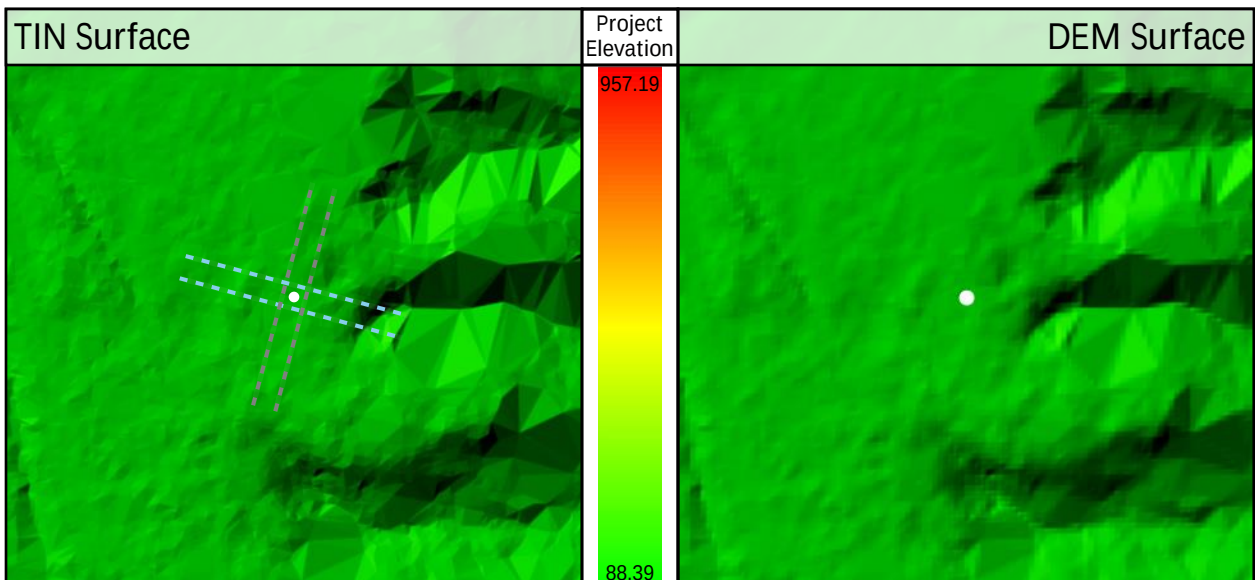
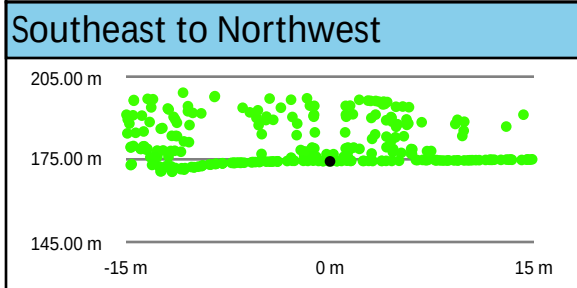
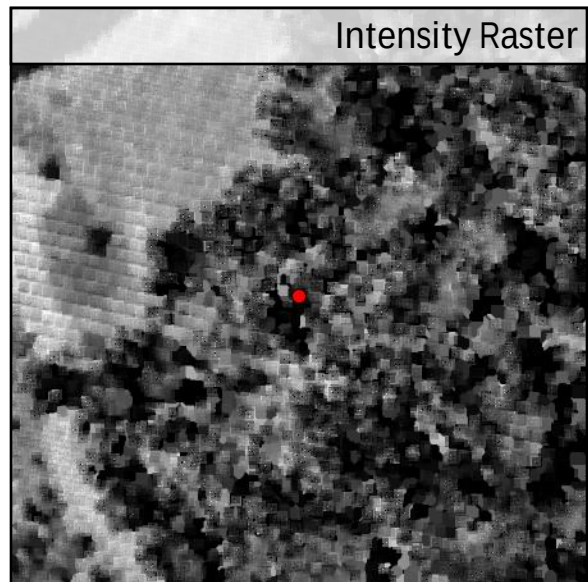
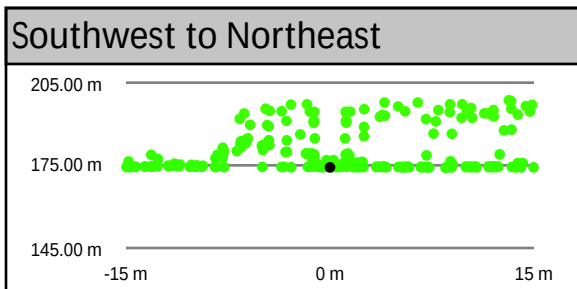
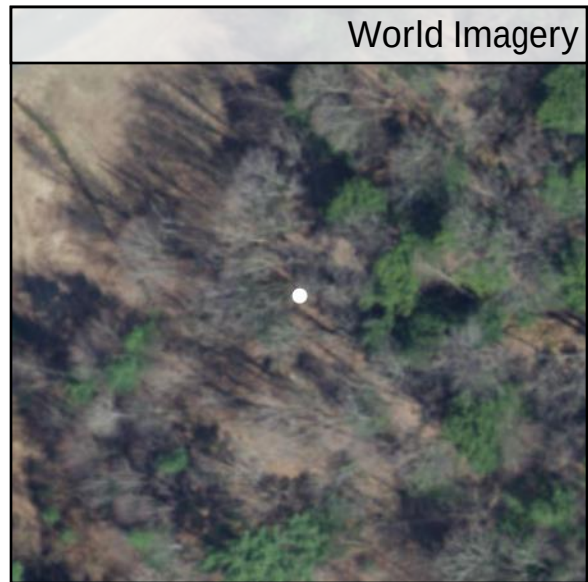
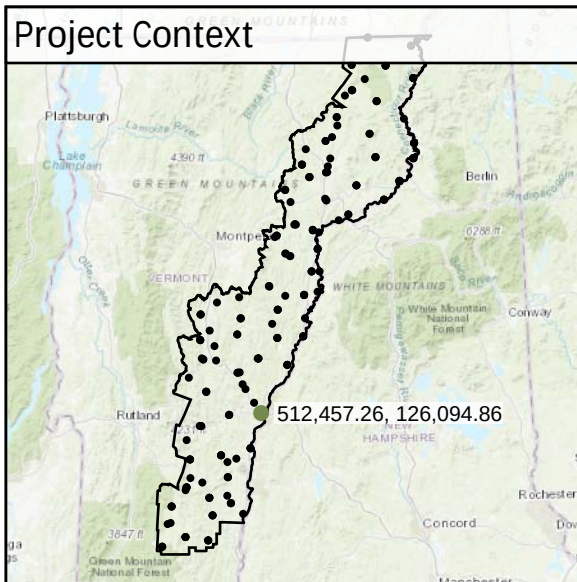
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|------|------------|----------|----------------|-----------|
| FO13 | Known Z    | 254.61 m | Point Density  | 1.59 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.38 °    |



DEM Dz +0.05 m

VWA - FO13

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO14 | Known Z    | 174.26 m | Point Density  | 1.27 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 0.88 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.06 °    |

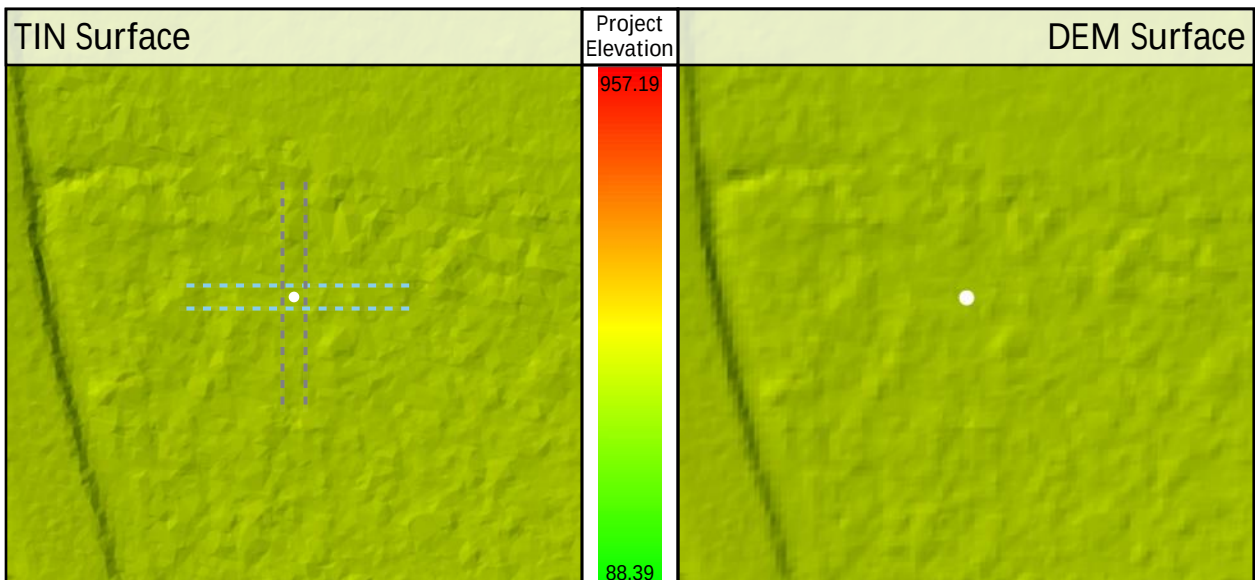
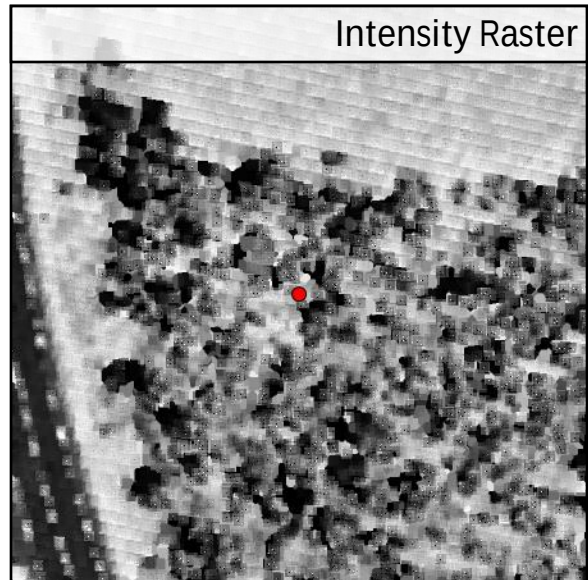
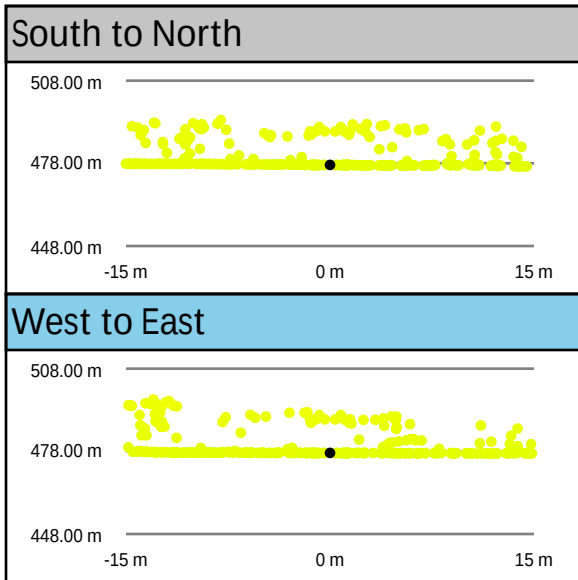
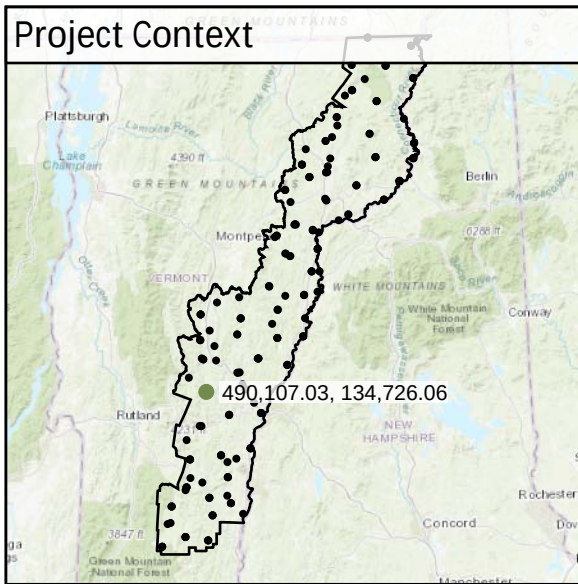


DEM Dz +0.09 m

VWA - FO14



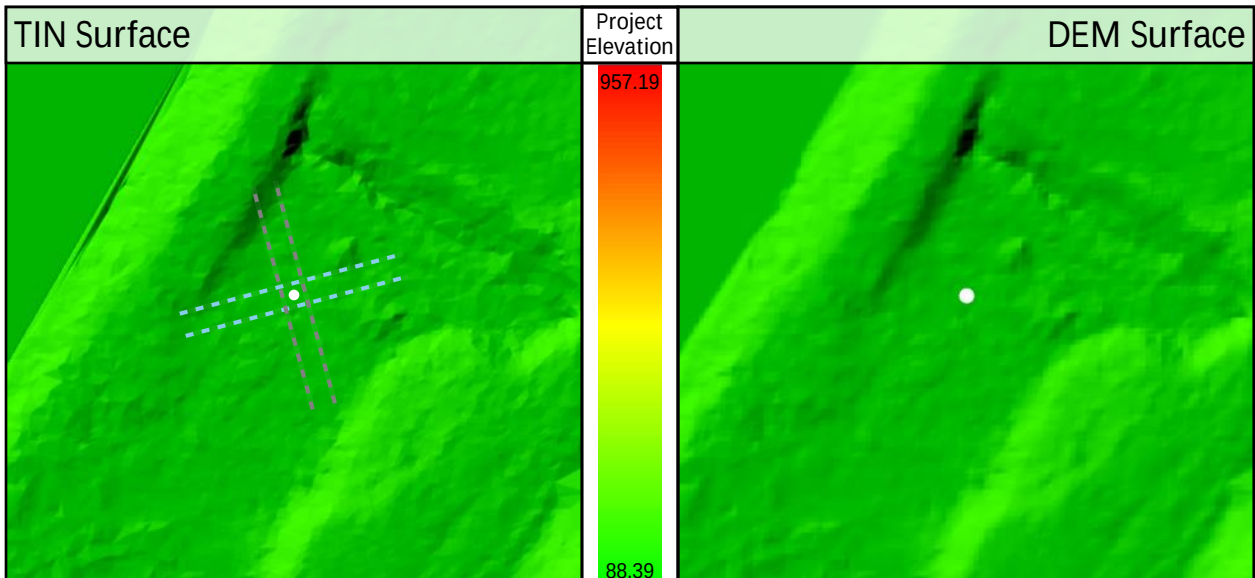
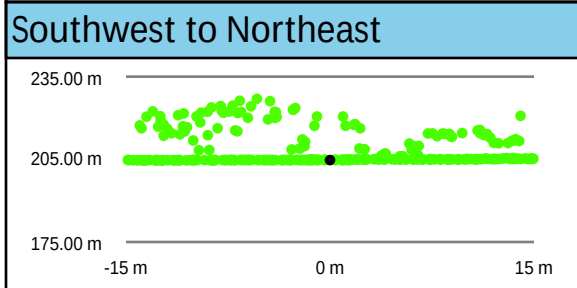
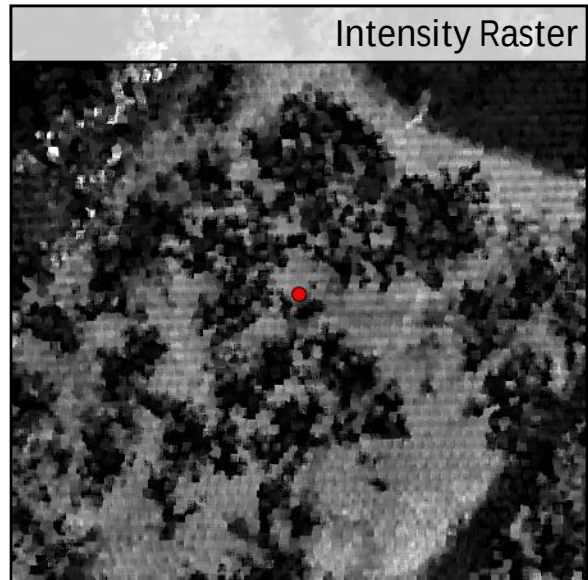
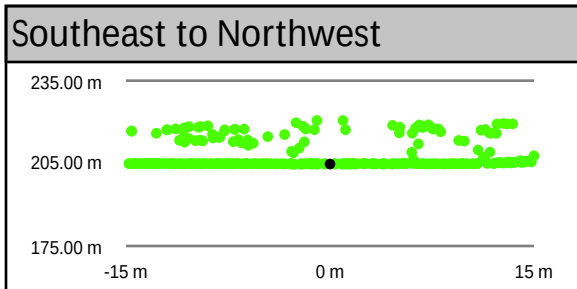
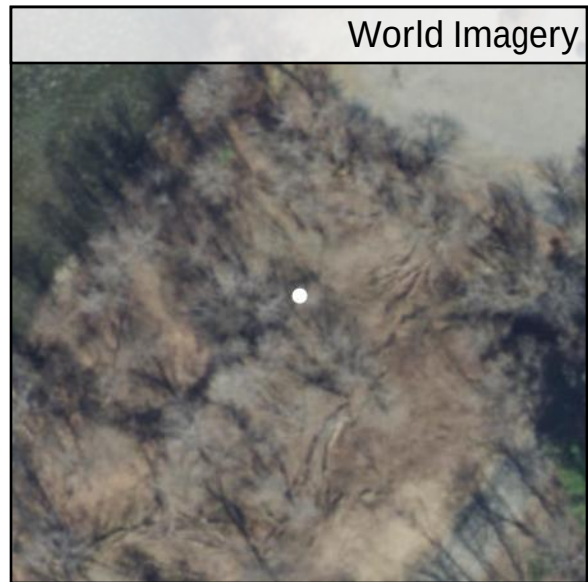
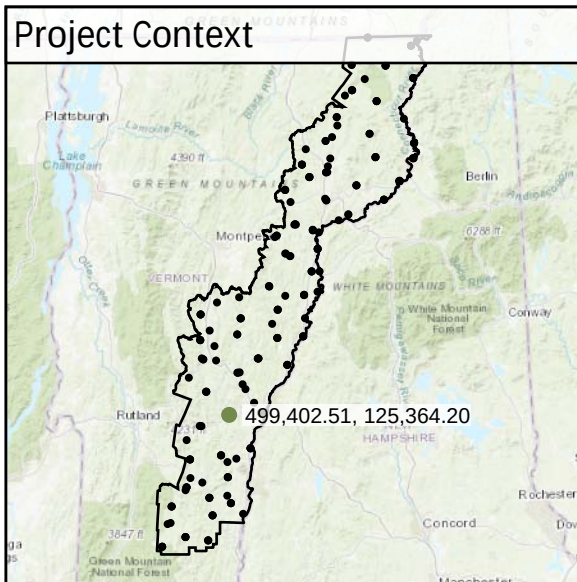
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|------|------------|----------|----------------|-----------|
| FO15 | Known Z    | 477.43 m | Point Density  | 1.95 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.28 °    |



DEM Dz -0.03 m

VWA - FO15

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO16 | Known Z    | 204.74 m | Point Density  | 2.23 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.15 °    |

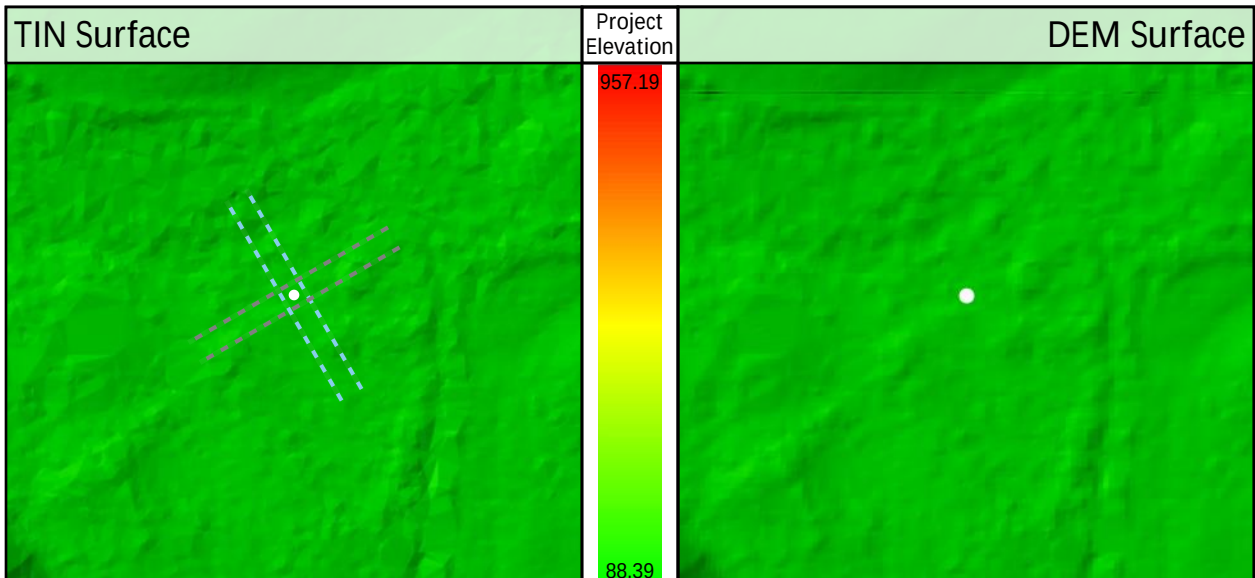
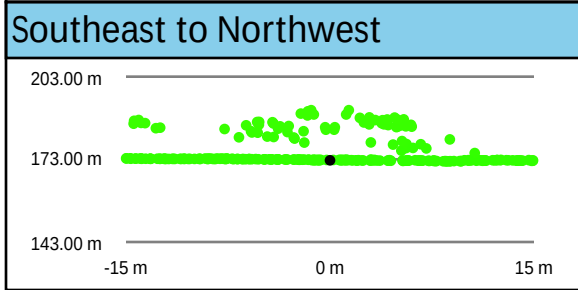
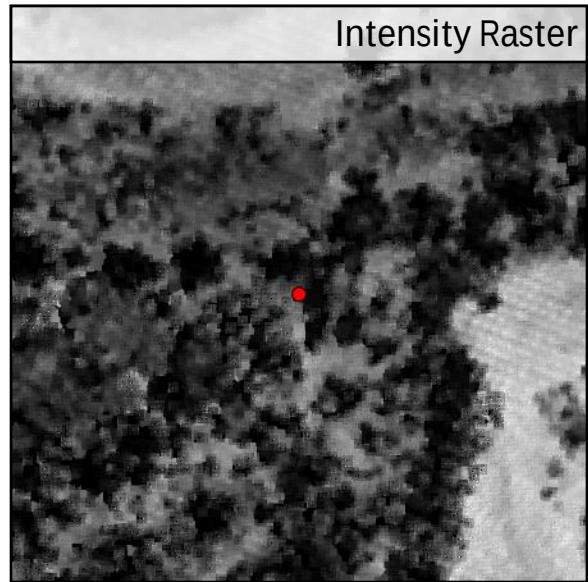
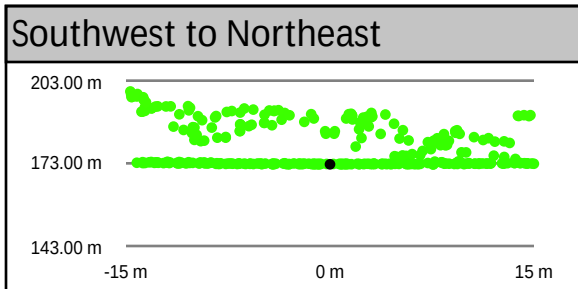
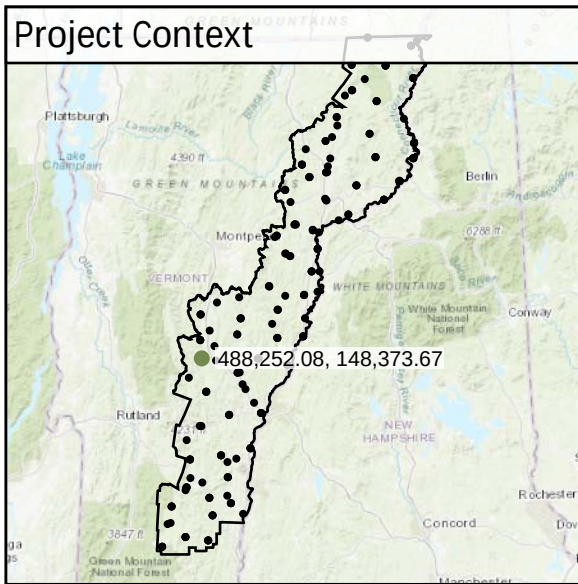


DEM Dz +0.05 m

VWA - FO16



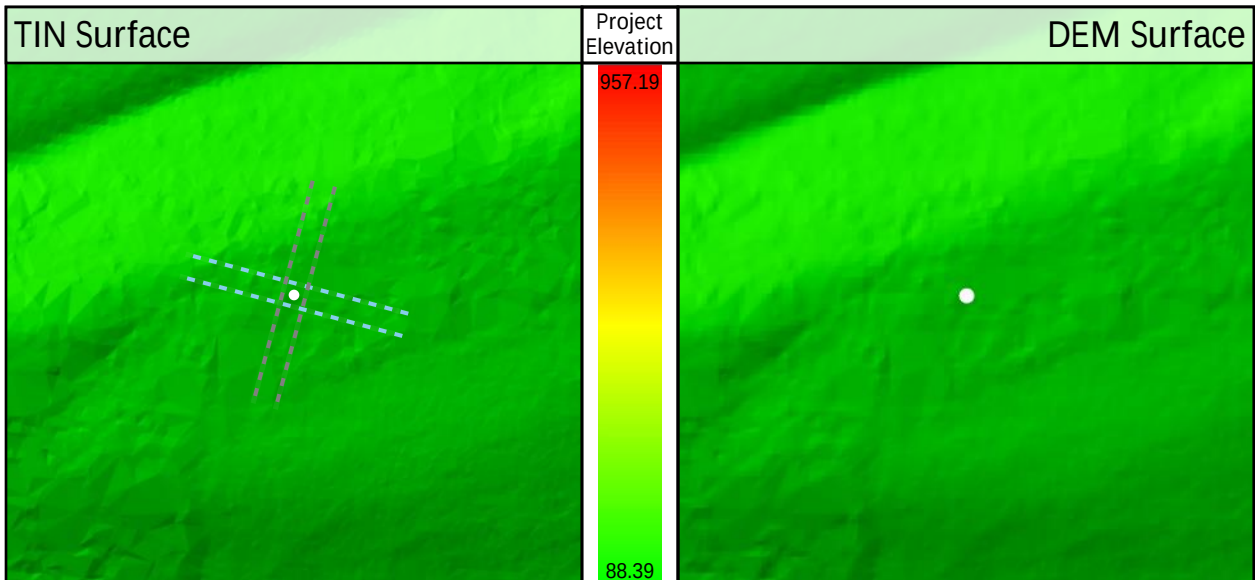
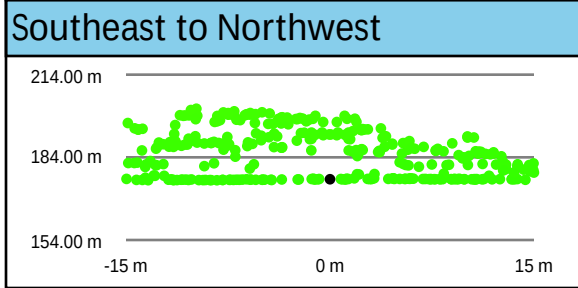
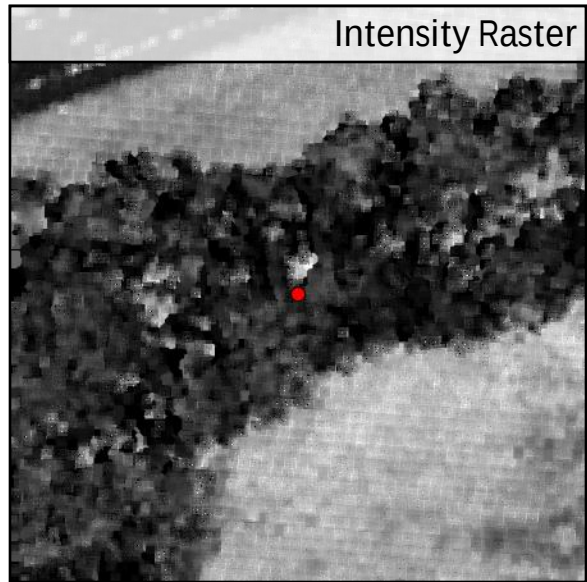
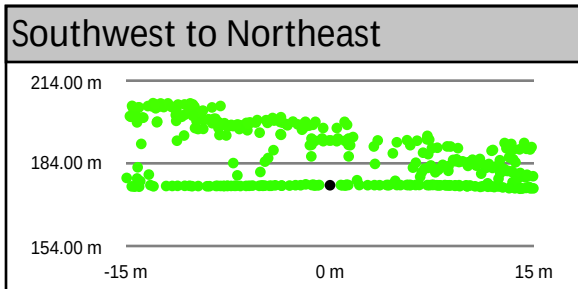
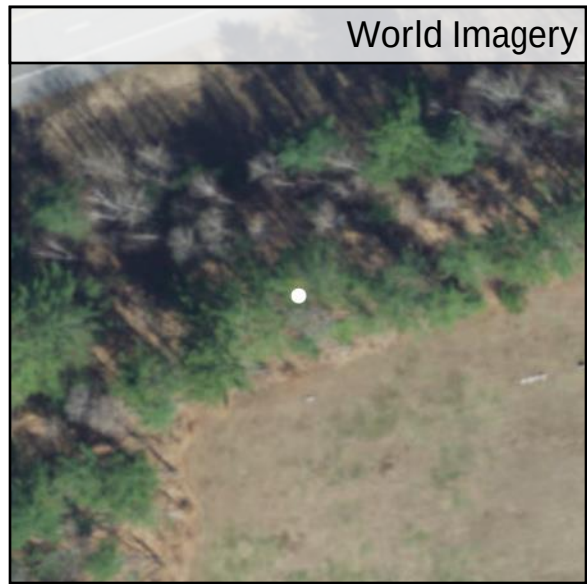
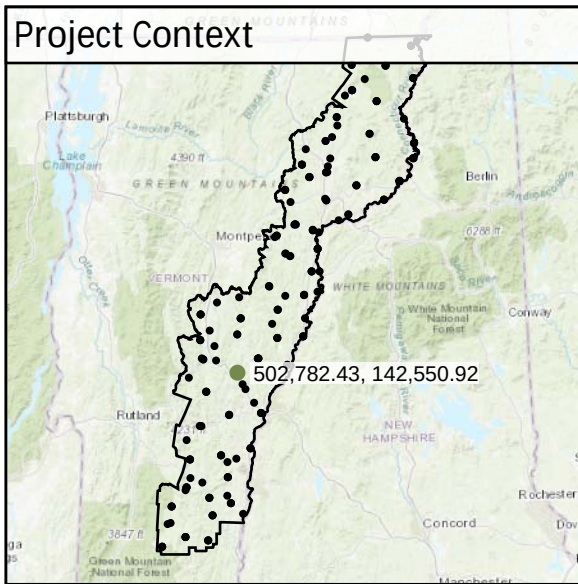
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|------|------------|----------|----------------|-----------|
| FO17 | Known Z    | 172.64 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.12 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.72 °    |



DEM Dz +0.12 m

VWA - FO17

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO18 | Known Z    | 176.05 m | Point Density  | 1.63 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 0.71 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 6.56 °    |

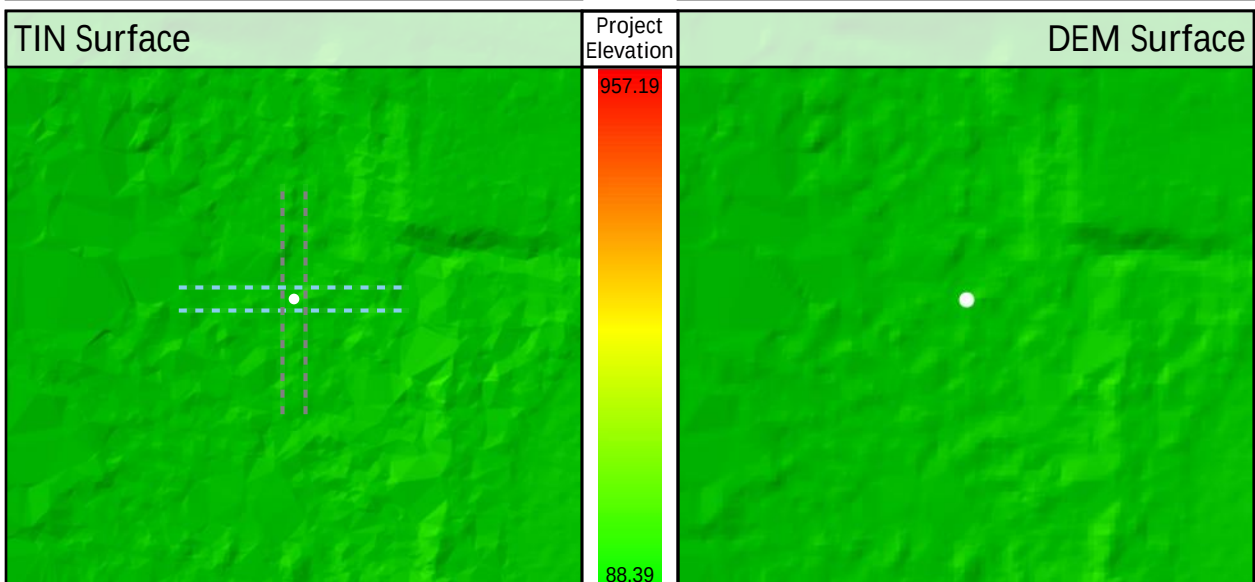
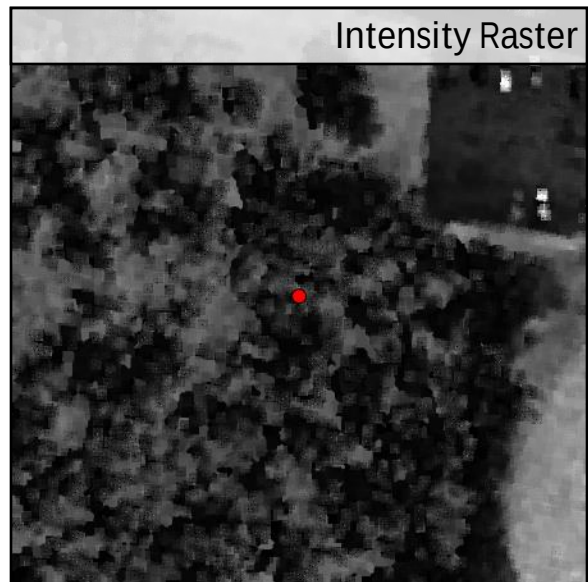
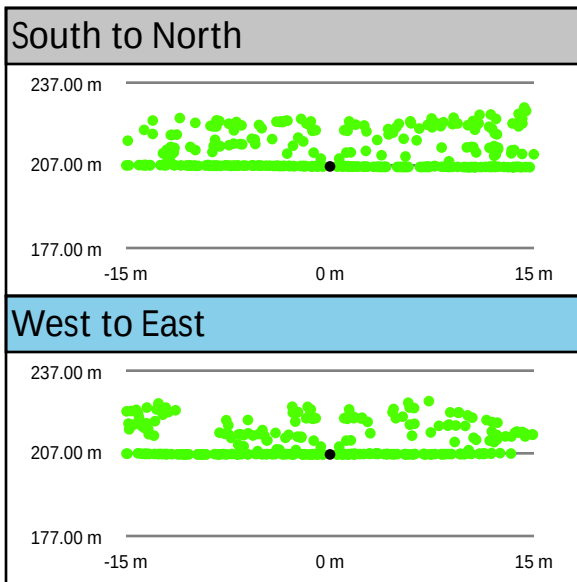
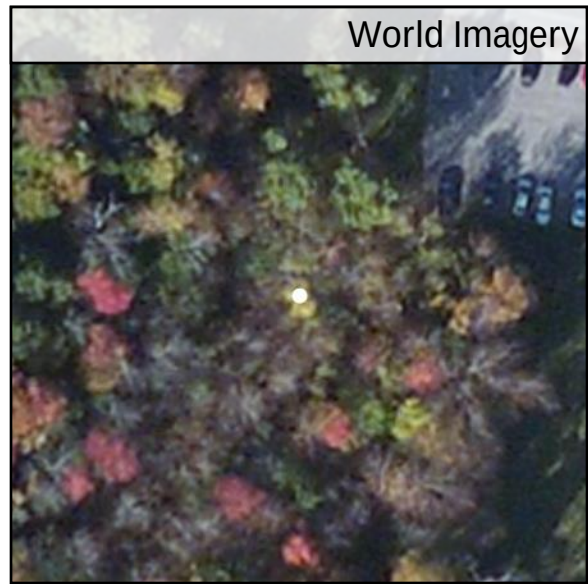
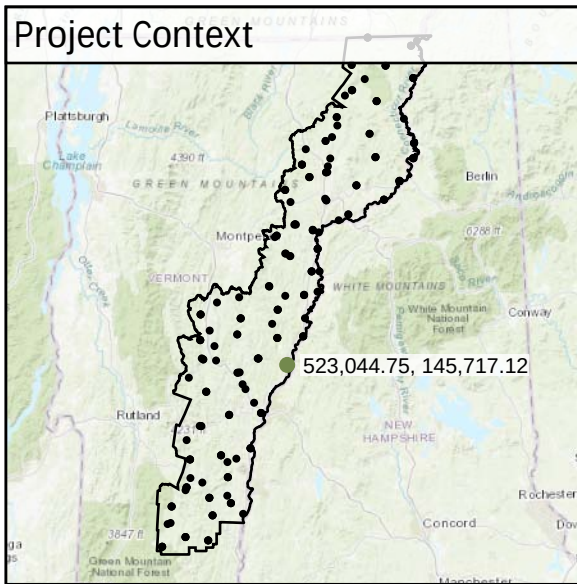


DEM Dz +0.04 m

VWA - FO18



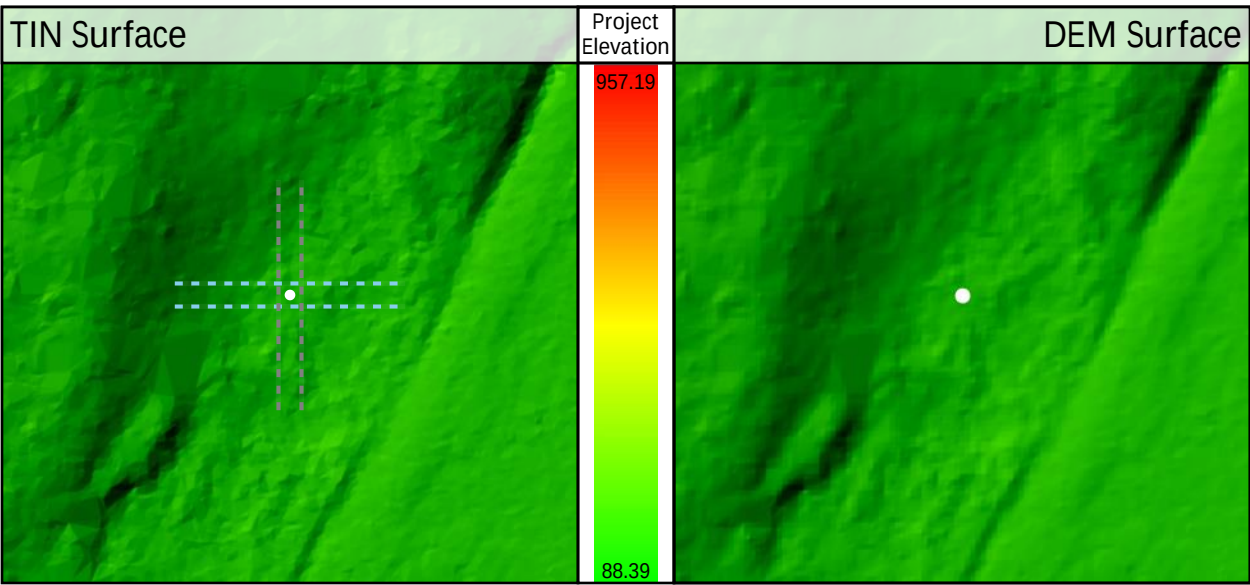
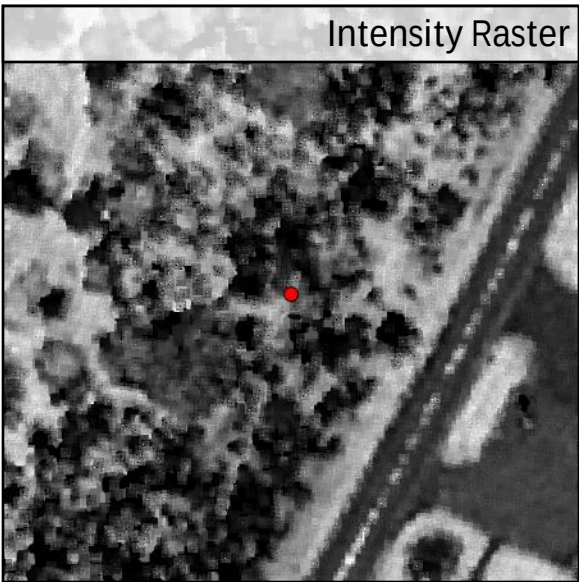
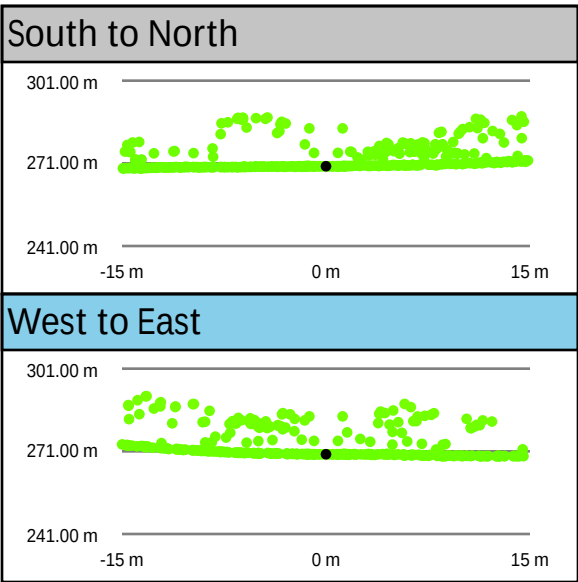
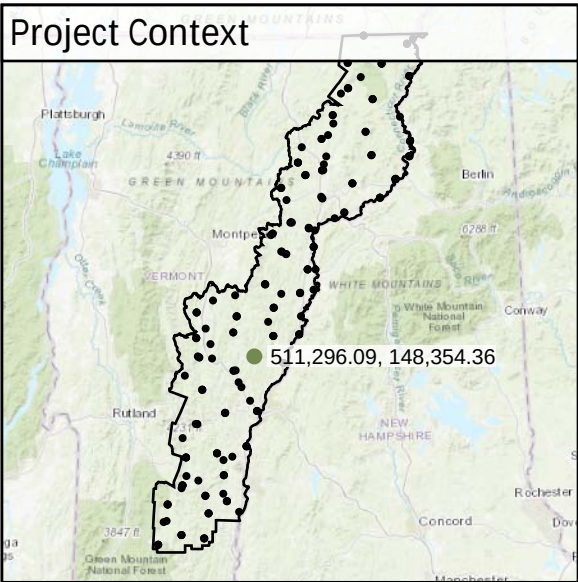
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|------|------------|----------|----------------|-----------|
| FO19 | Known Z    | 206.60 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 1.66 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.69 °    |



DEM Dz +0.03 m

VWA - FO19

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO20 | Known Z    | 269.94 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | -0.04 m  | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.76 °    |

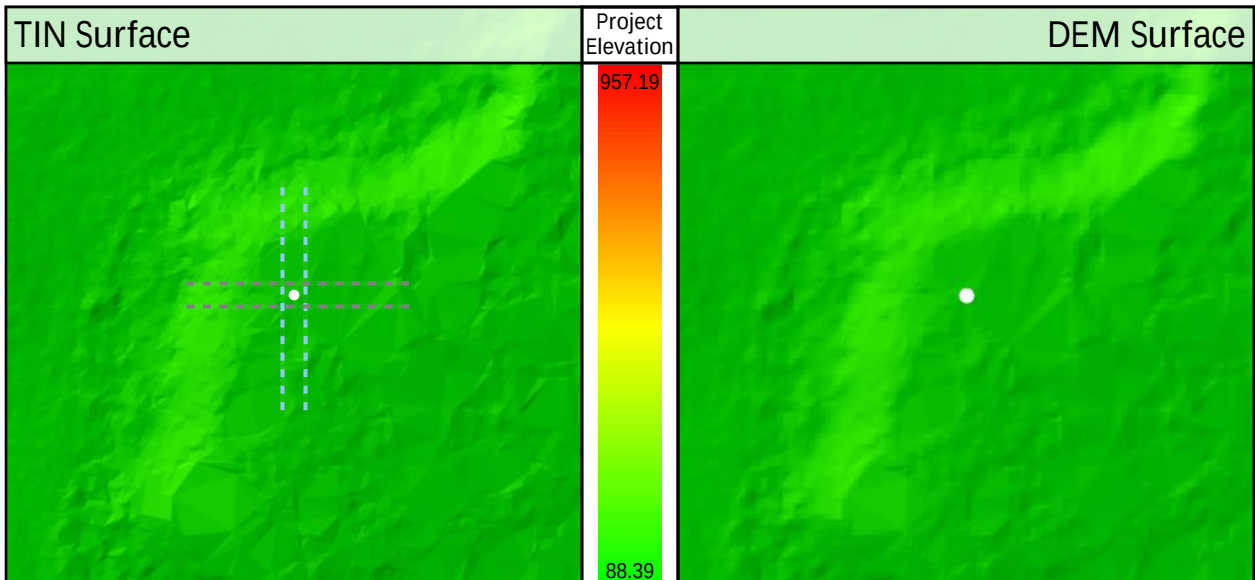
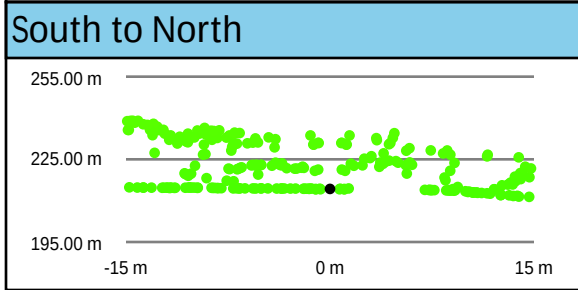
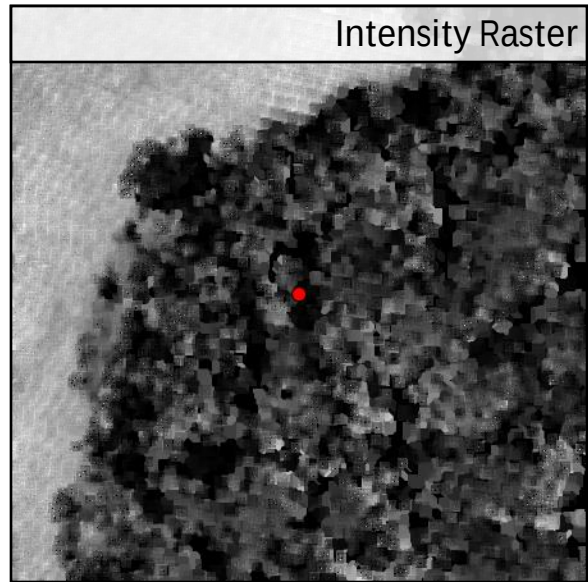
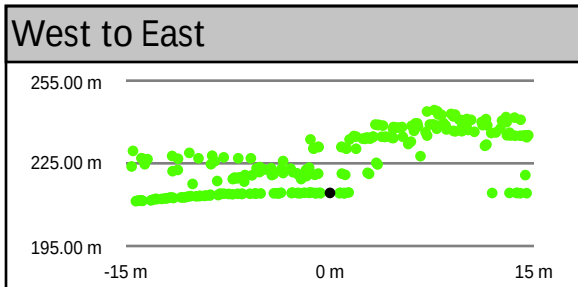
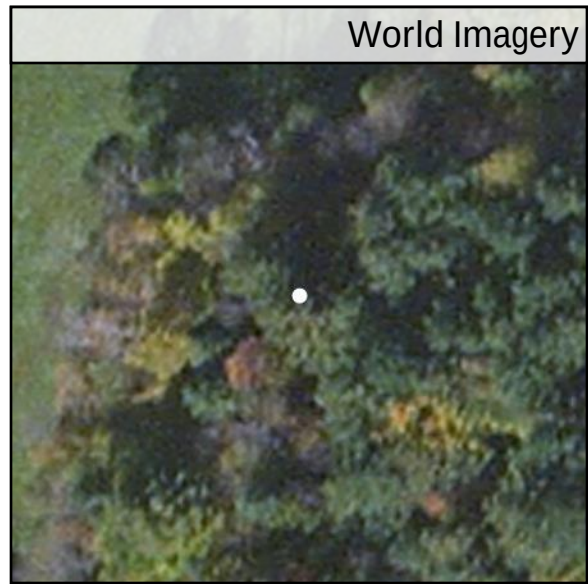
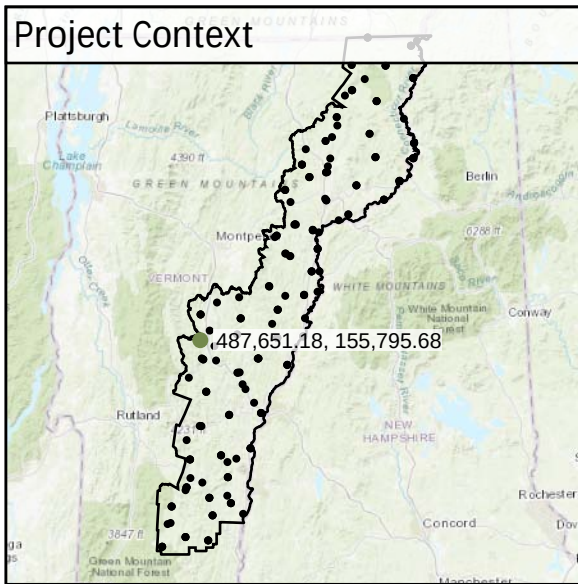


DEM Dz -0.04 m

VWA - FO20



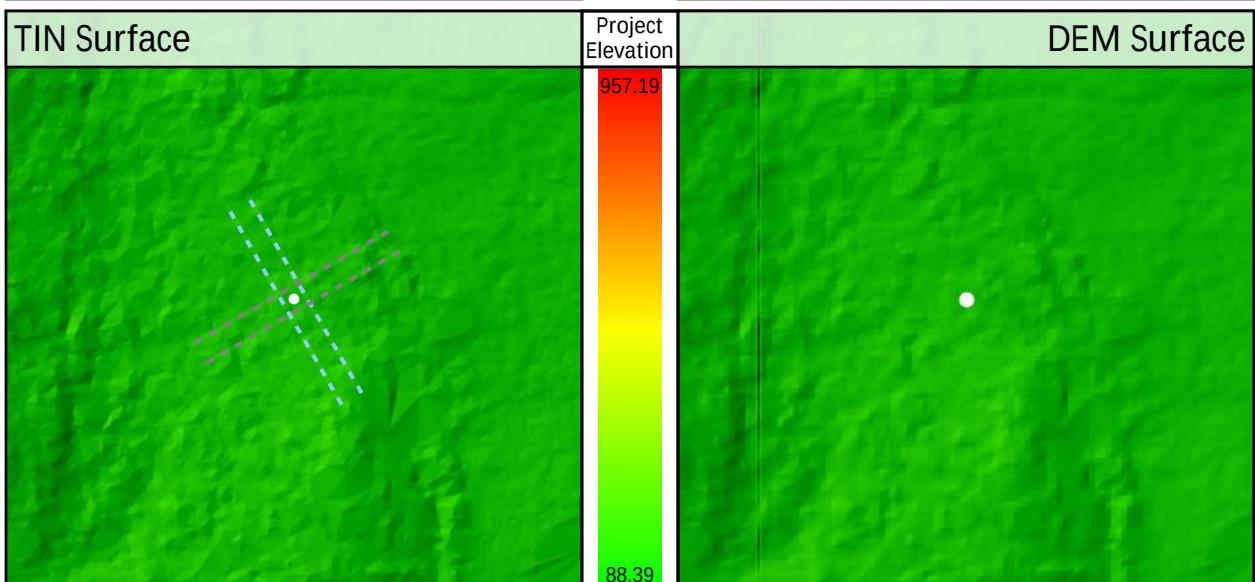
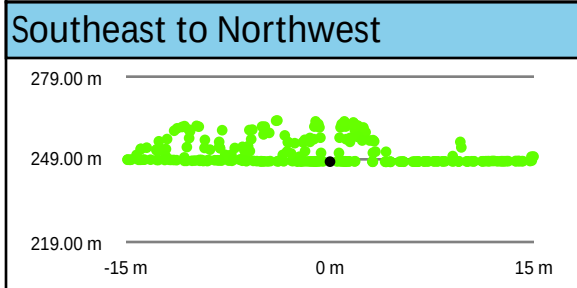
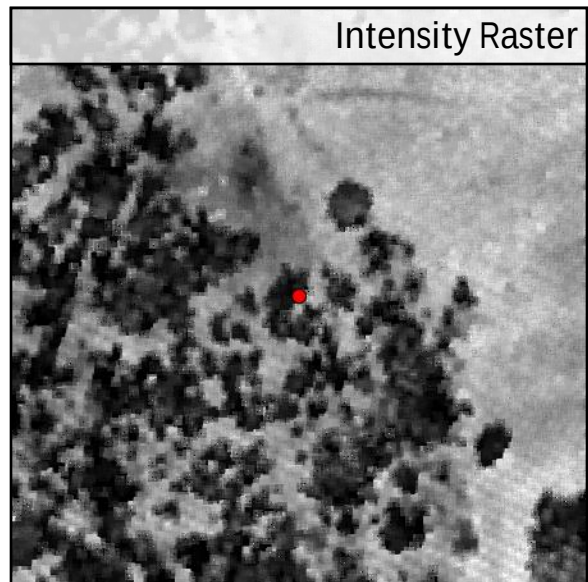
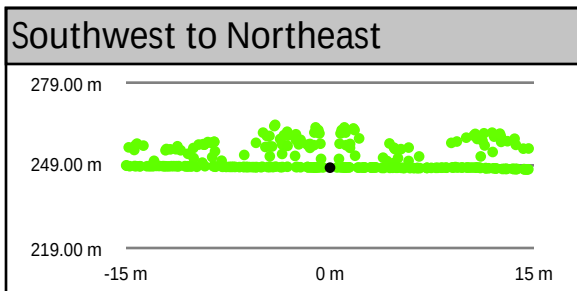
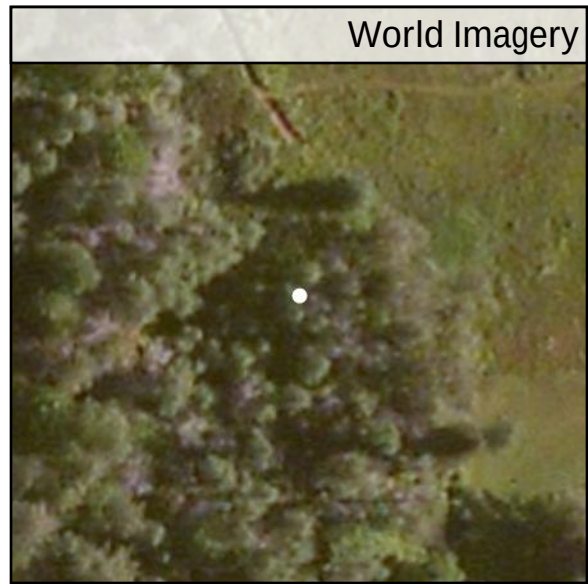
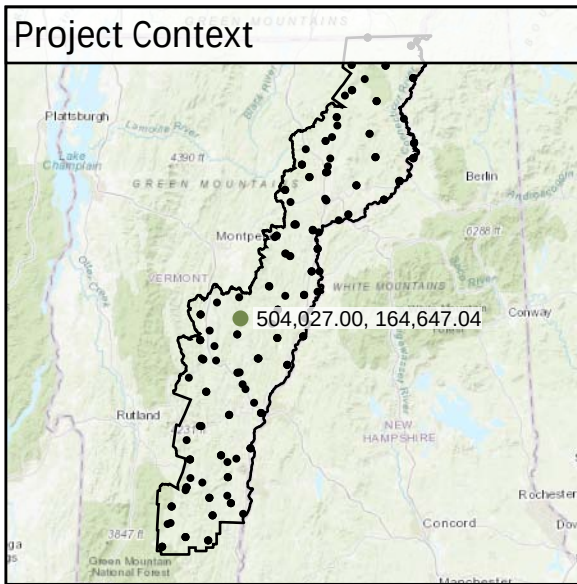
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|------|------------|----------|----------------|-----------|
| FO21 | Known Z    | 214.26 m | Point Density  | 0.99 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 0.64 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.03 °    |



DEM Dz -0.05 m

VWA - FO21

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO22 | Known Z    | 248.16 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 1.13 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.95 °    |

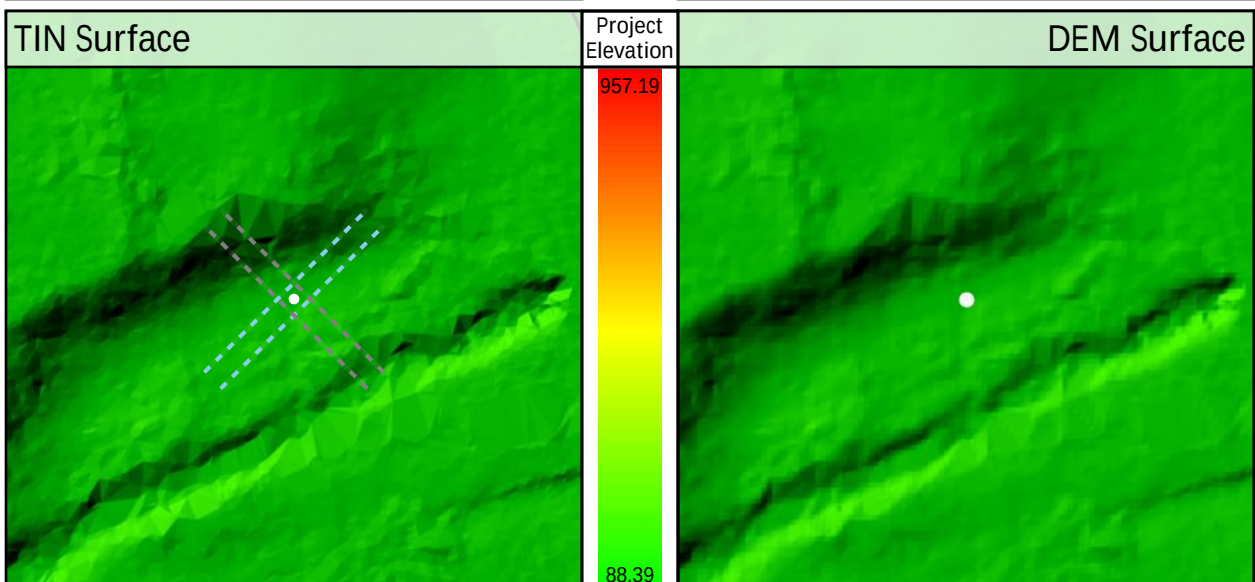
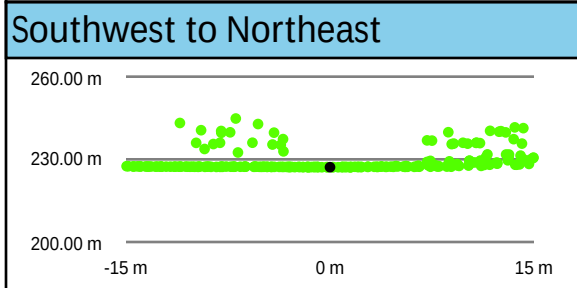
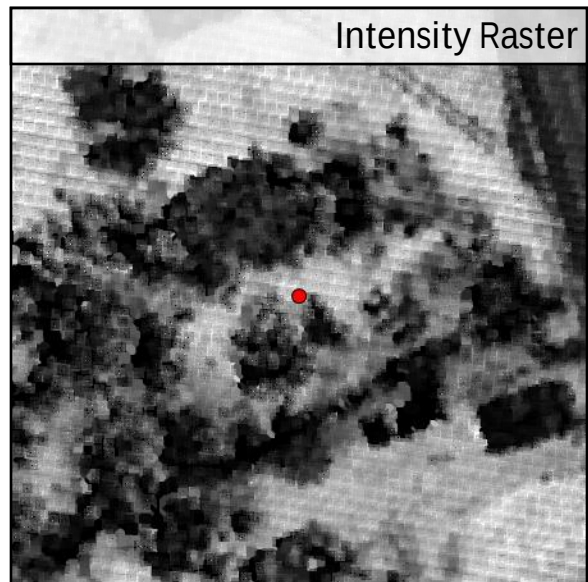
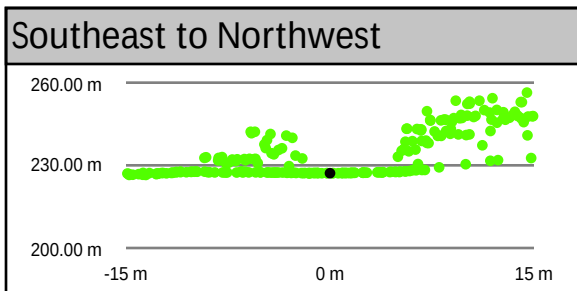
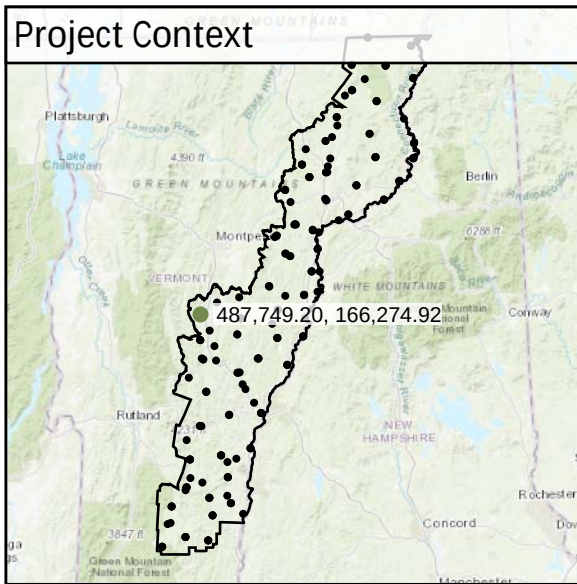


DEM Dz +0.06 m

VWA - FO22



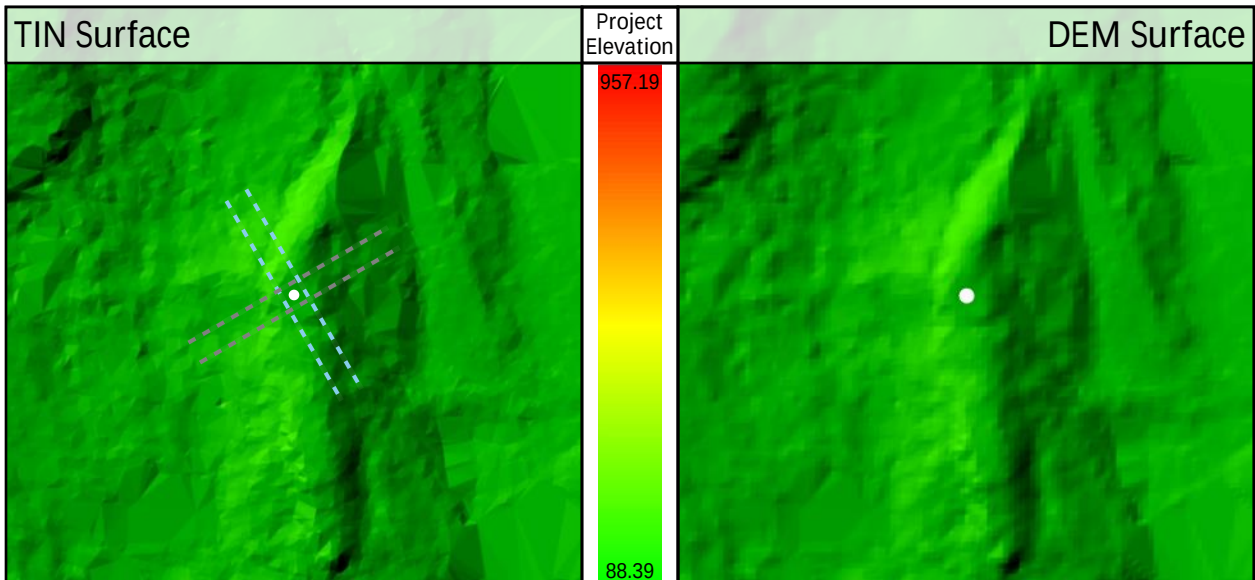
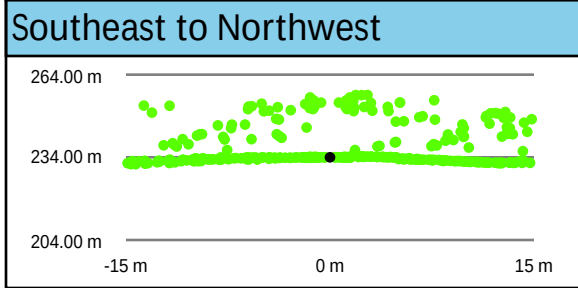
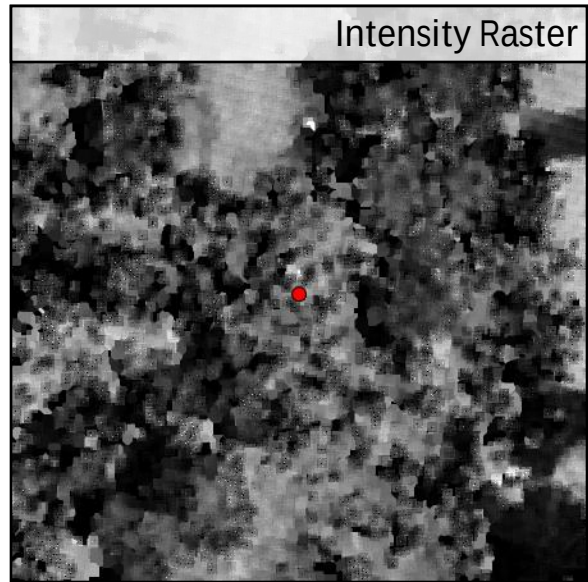
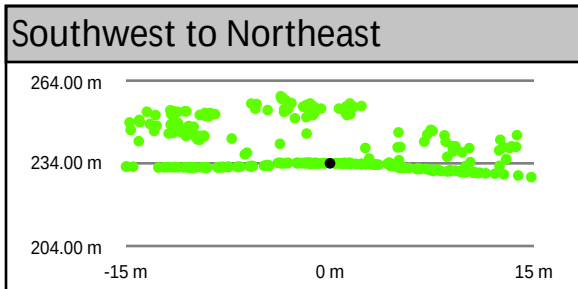
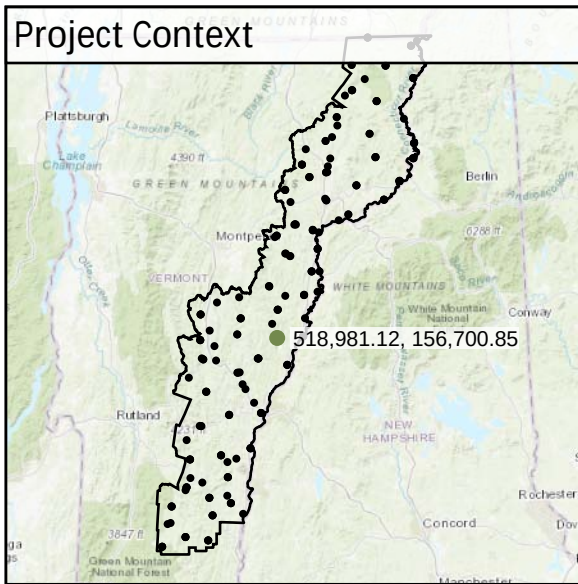
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO23 | Known Z    | 227.14 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.95 °    |



DEM Dz +0.02 m

VVA - FO23

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO25 | Known Z    | 234.01 m | Point Density  | 2.37 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 7.40 °    |

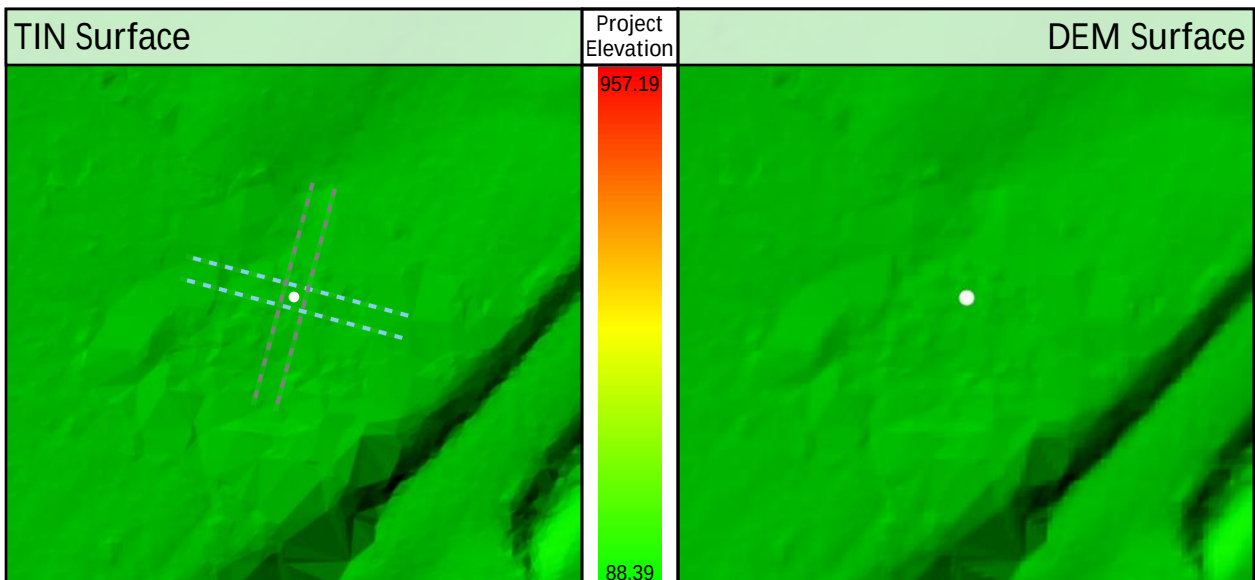
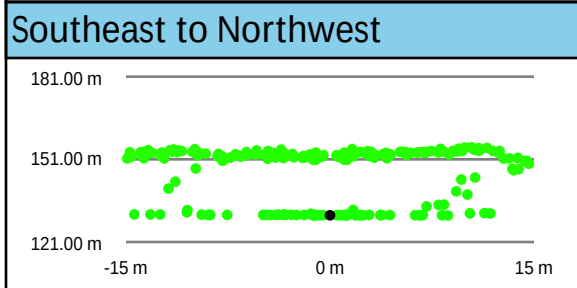
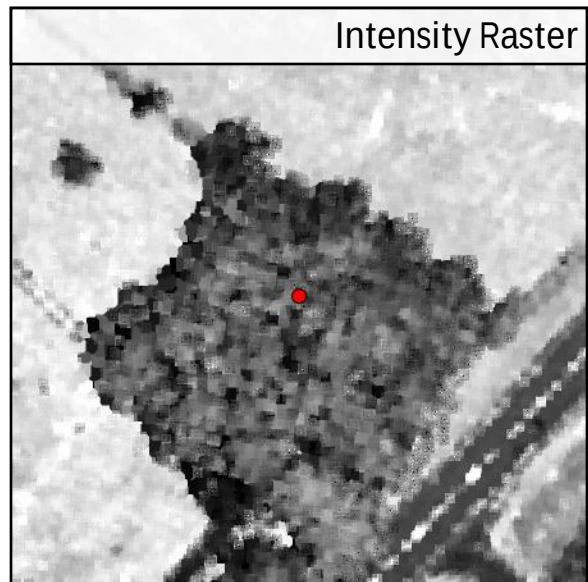
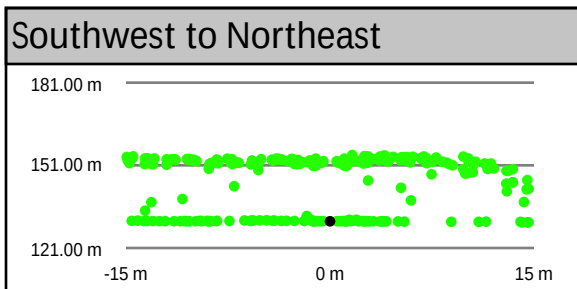
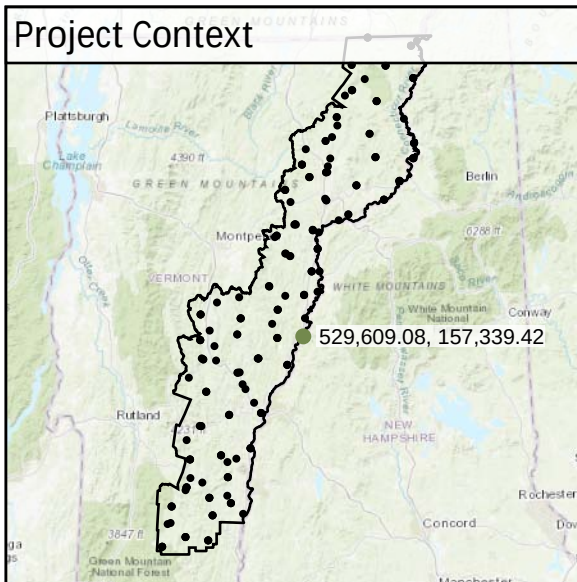


DEM Dz 0.00 m

VWA - FO25



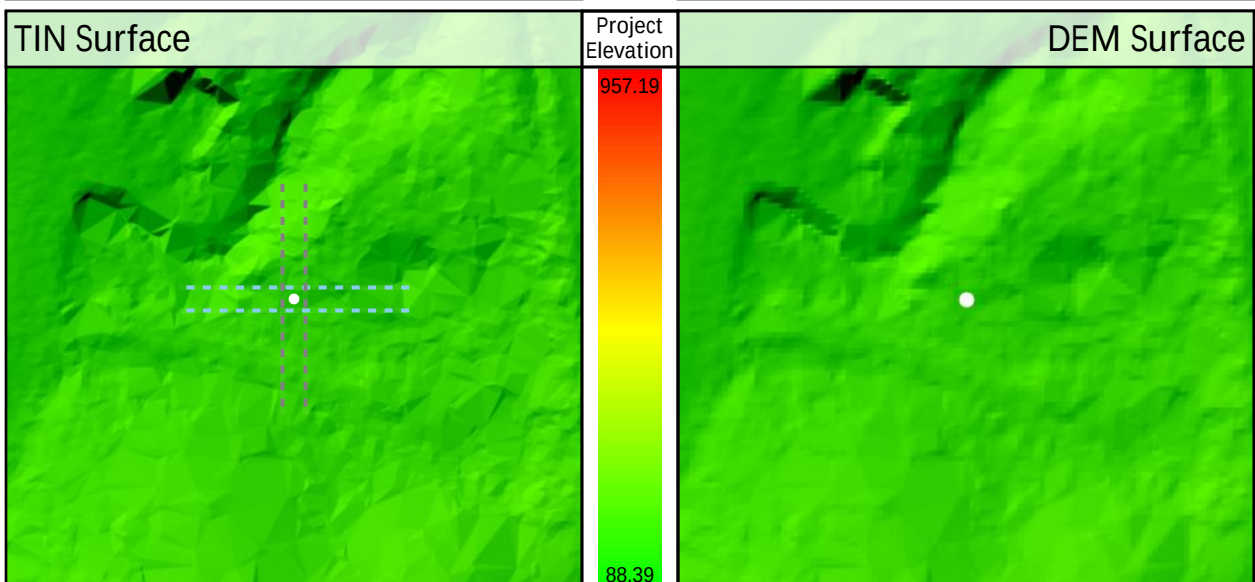
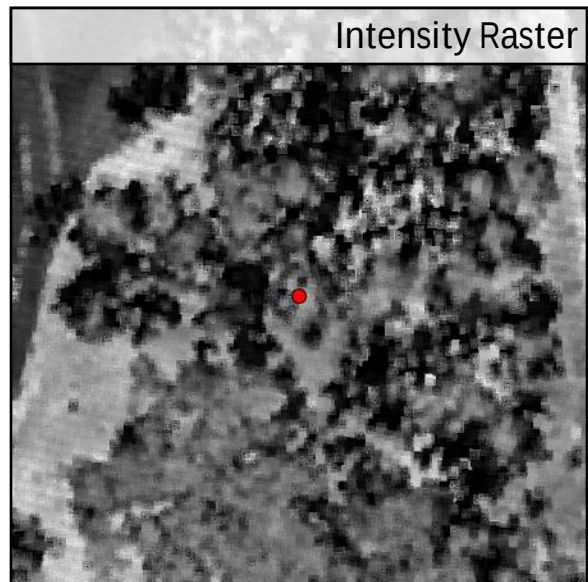
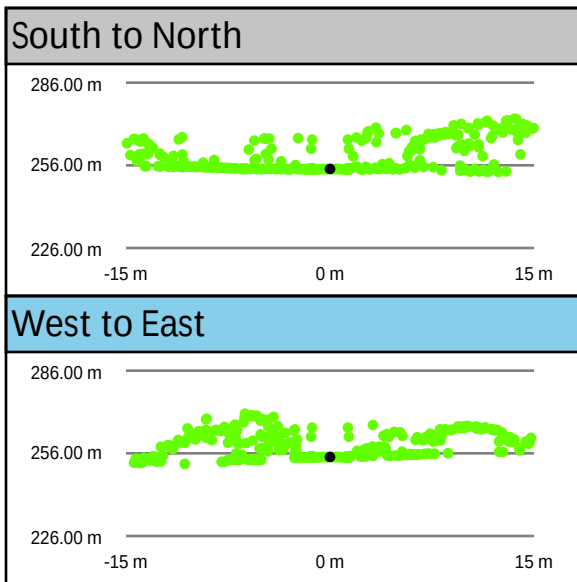
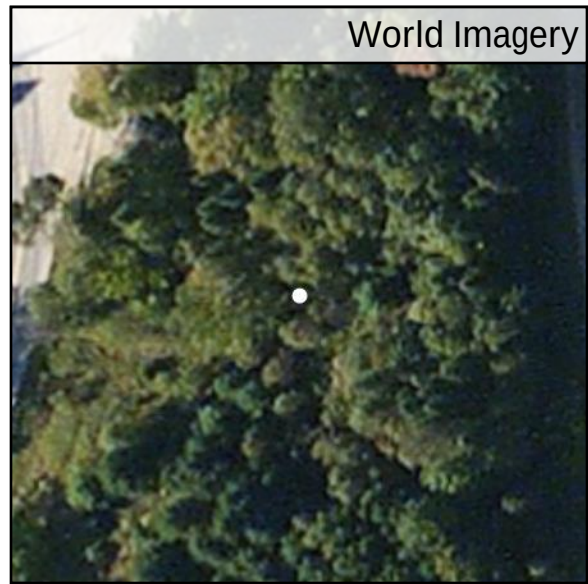
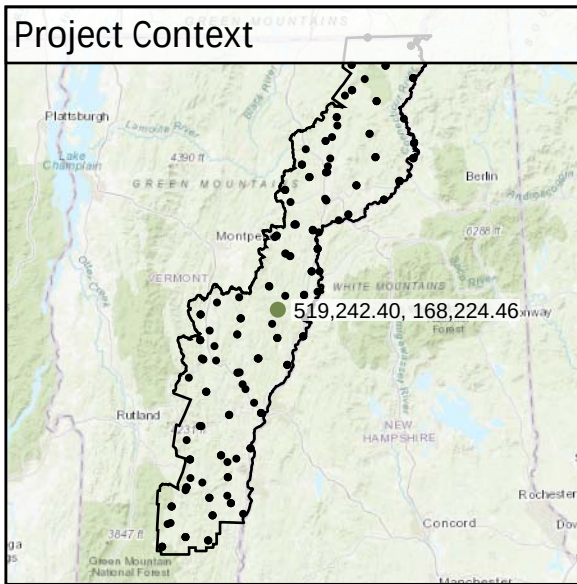
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|------|------------|----------|----------------|-----------|
| FO26 | Known Z    | 130.69 m | Point Density  | 1.87 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 0.92 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.19 °    |



DEM Dz +0.05 m

VWA - FO26

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO27 | Known Z    | 254.69 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 1.45 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 8.83 °    |

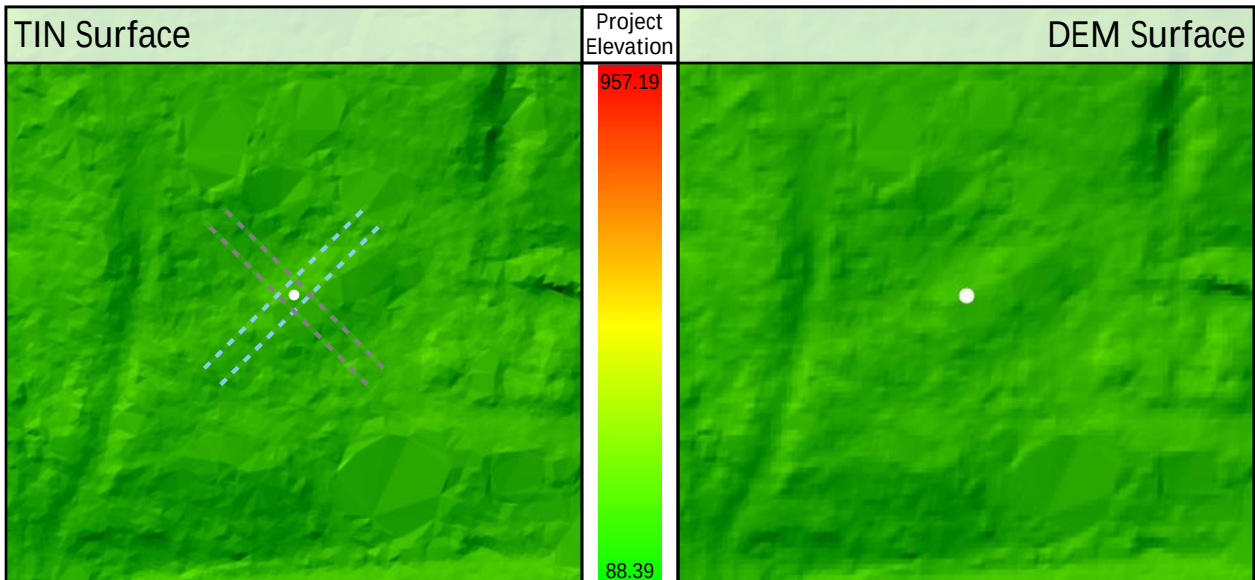
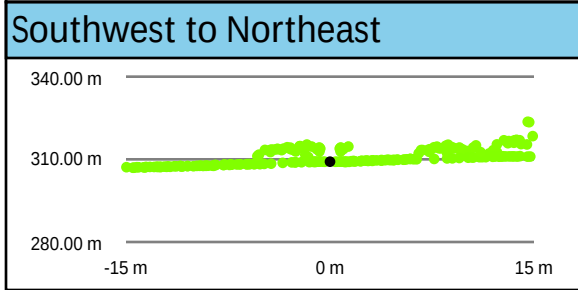
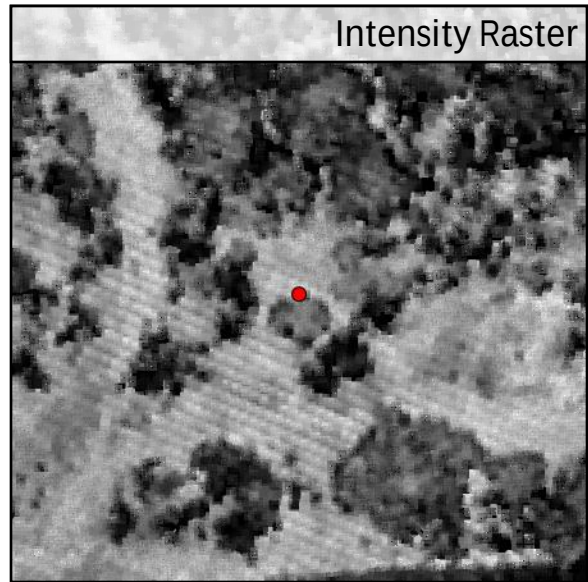
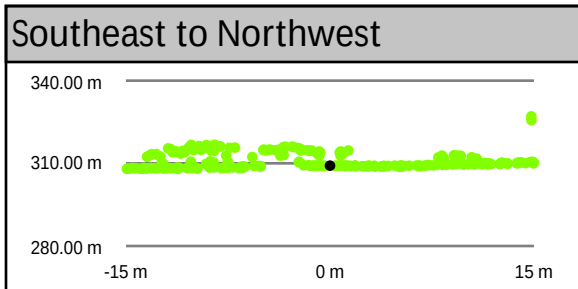
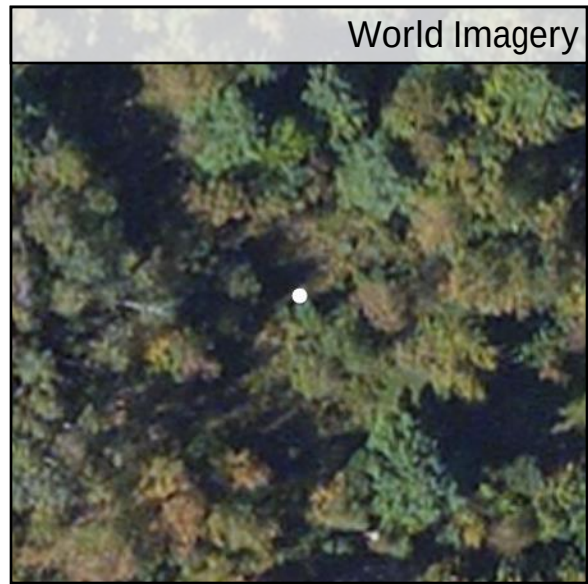
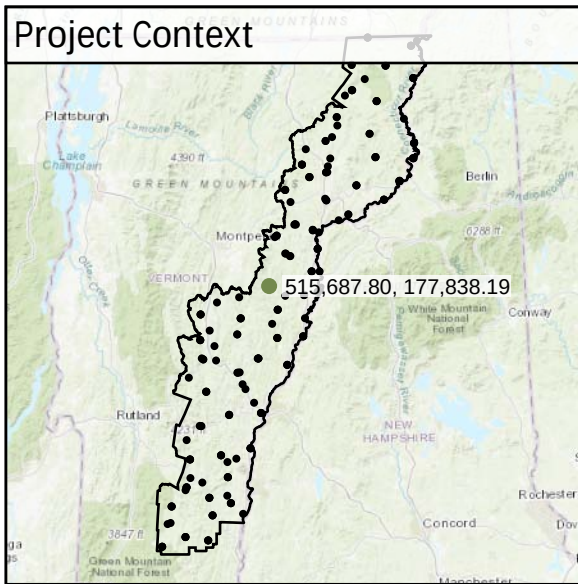


DEM Dz -0.05 m

VWA - FO27



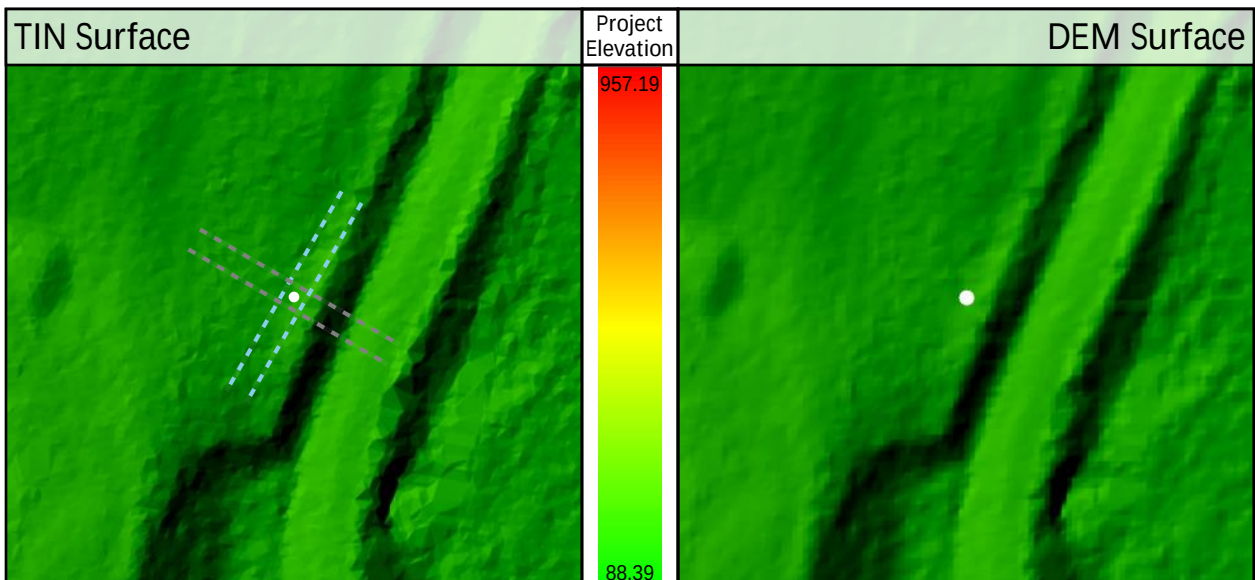
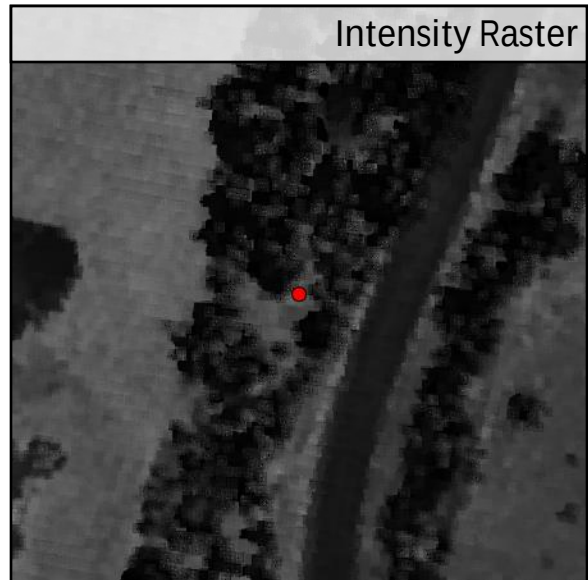
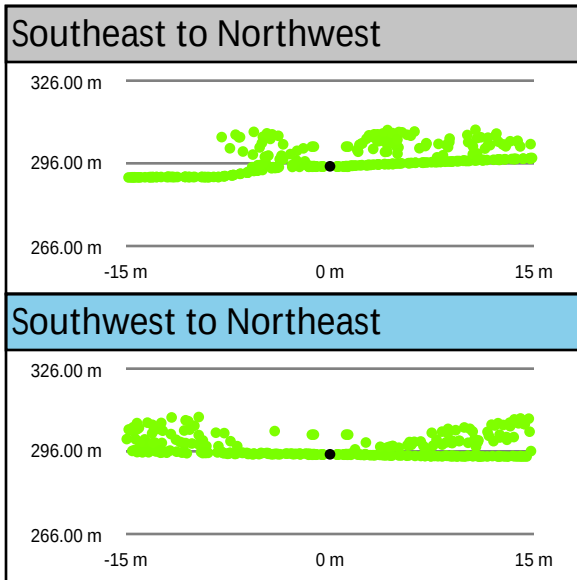
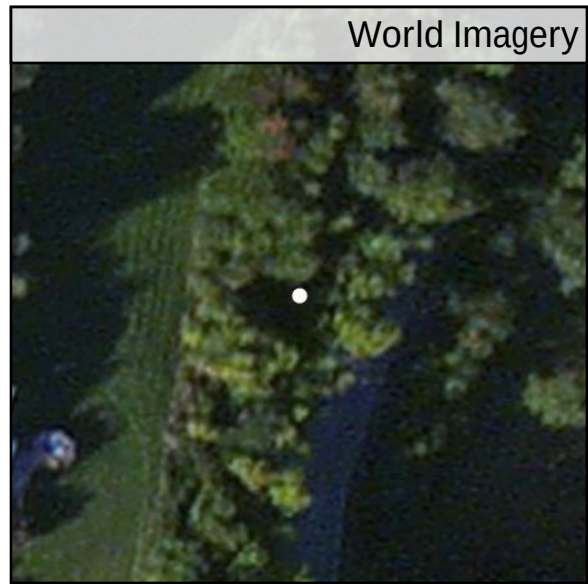
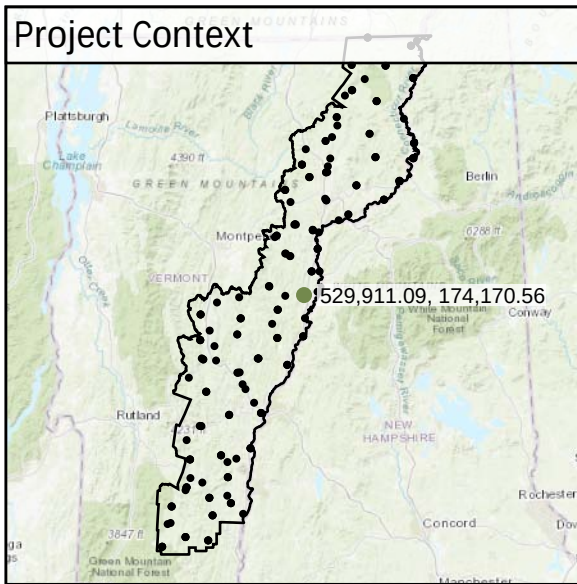
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|------|------------|----------|----------------|-----------|
| FO28 | Known Z    | 309.15 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 1.34 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.33 °    |



DEM Dz -0.01 m

VVA - FO28

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO29 | Known Z    | 294.92 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | -0.09 m  | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 6.83 °    |

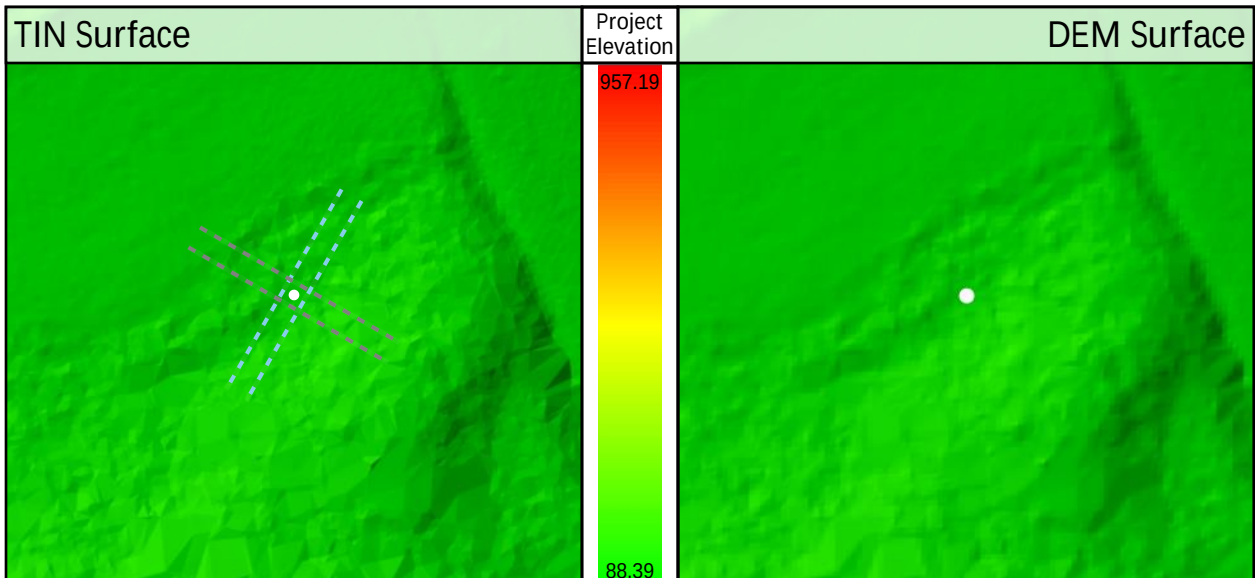
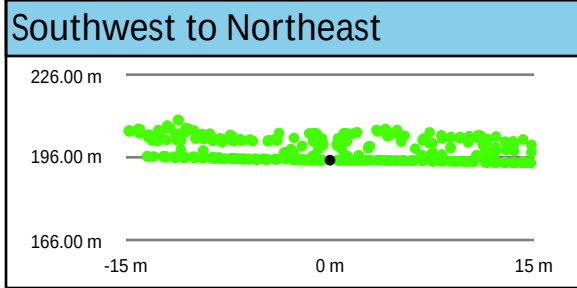
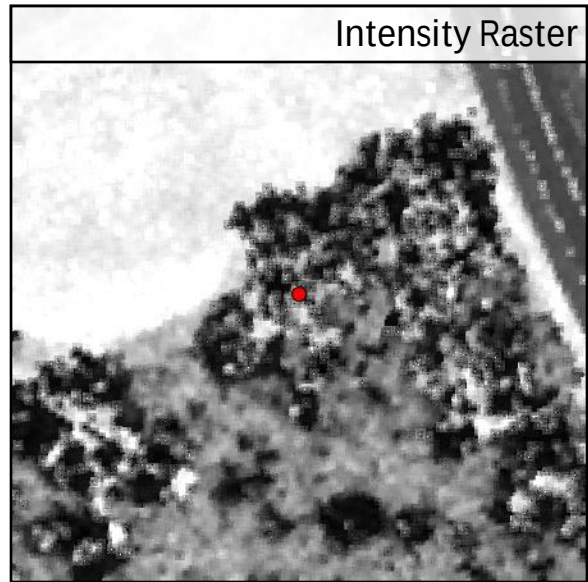
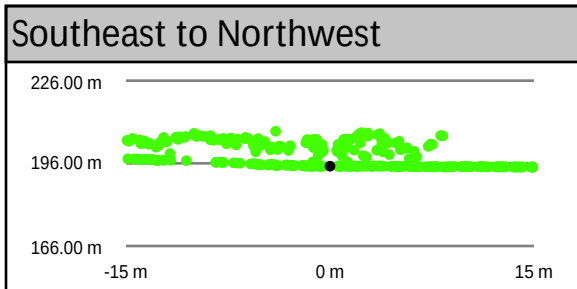
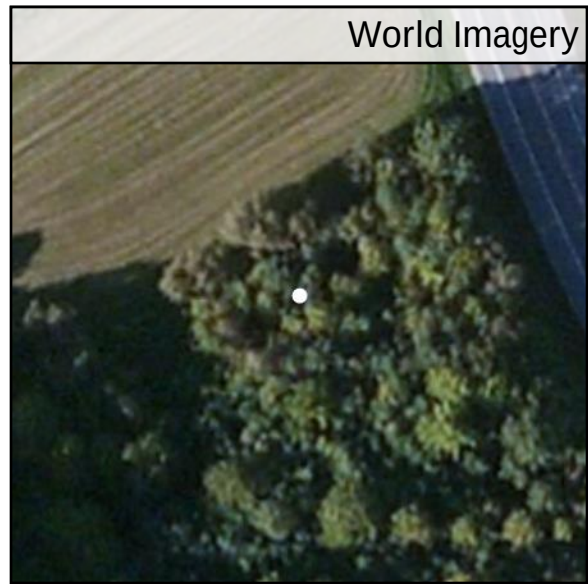
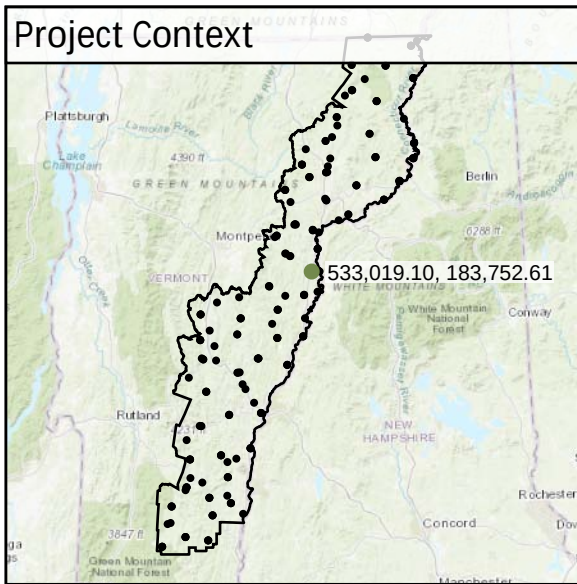


DEM Dz -0.09 m

VWA - FO29



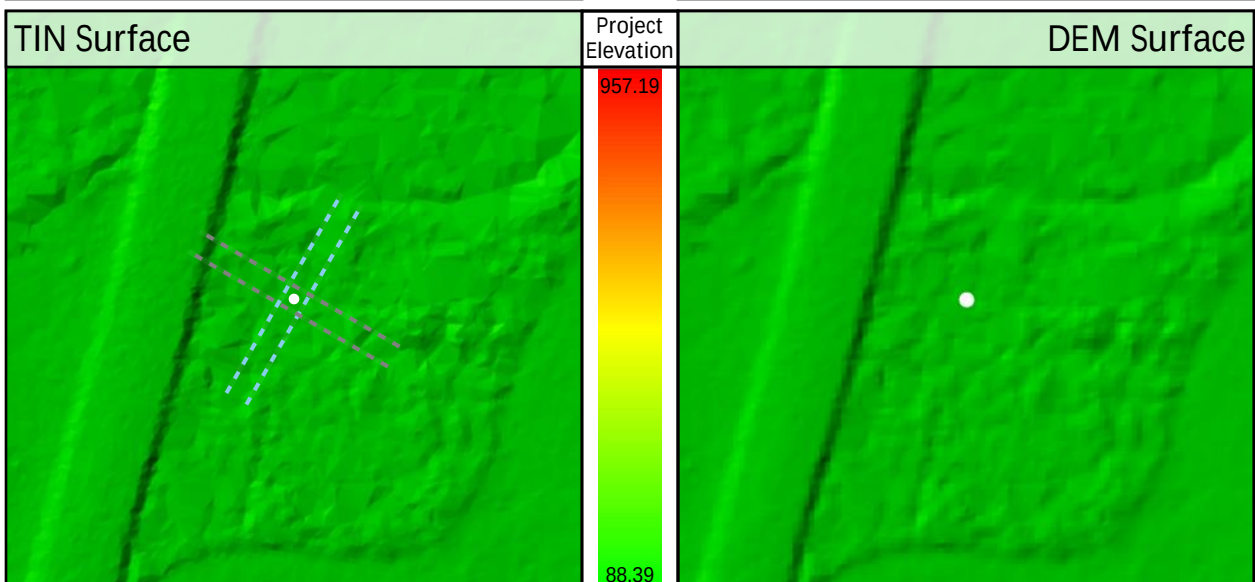
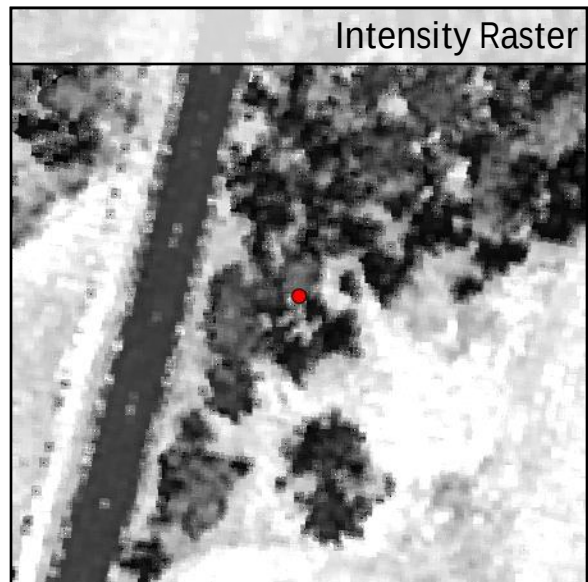
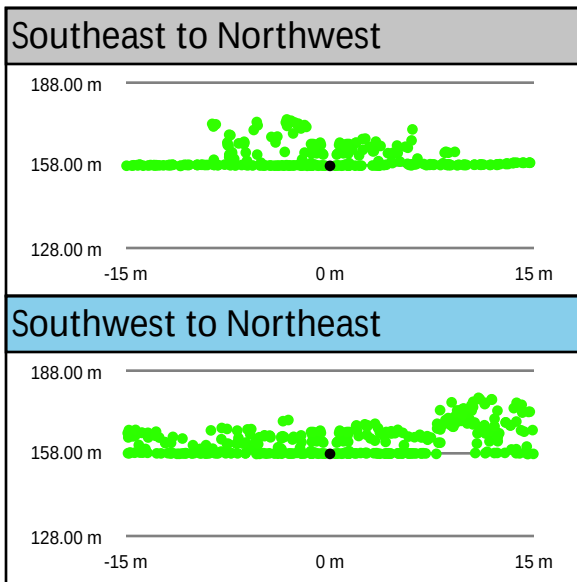
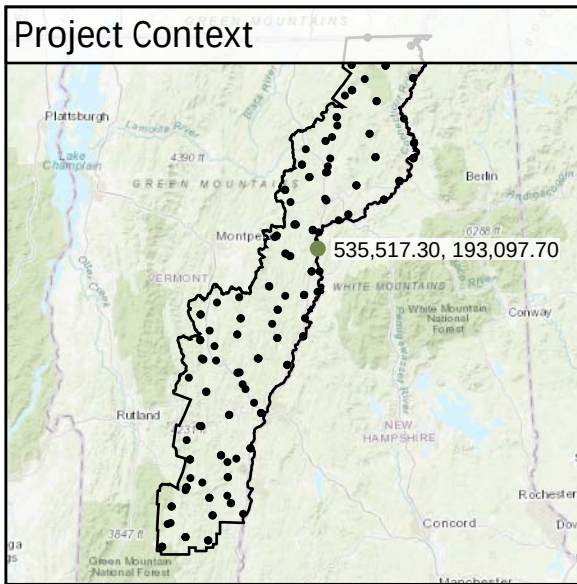
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|------|------------|----------|----------------|-----------|
| FO30 | Known Z    | 194.96 m | Point Density  | 2.30 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.96 °    |



DEM Dz +0.02 m

VWA - FO30

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO31 | Known Z    | 157.80 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.12 m   | Ground Density | 0.81 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.76 °    |

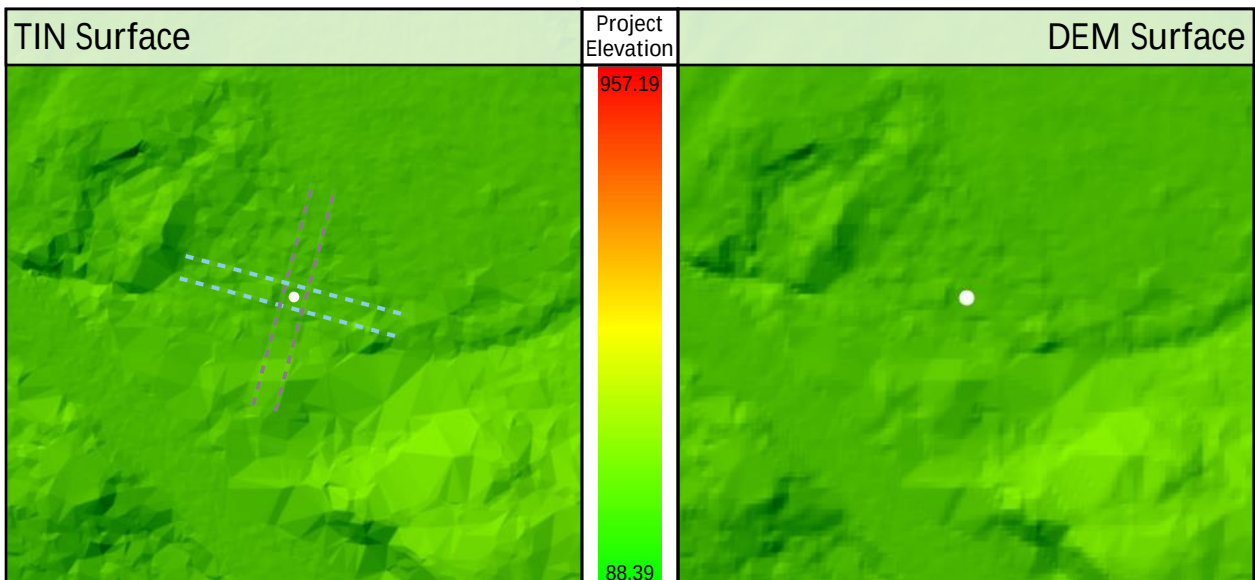
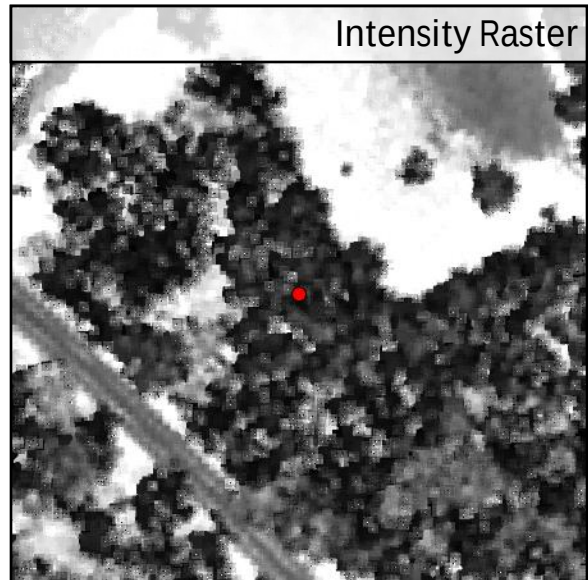
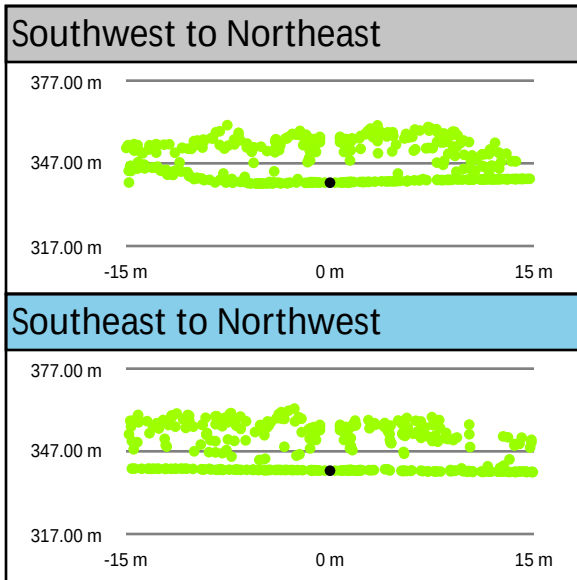
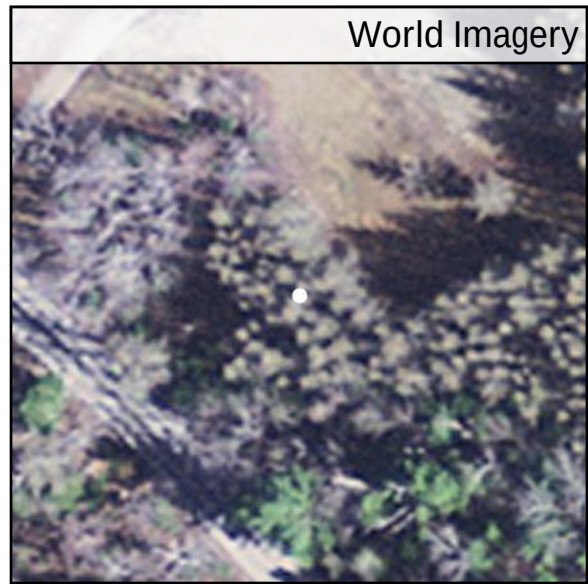
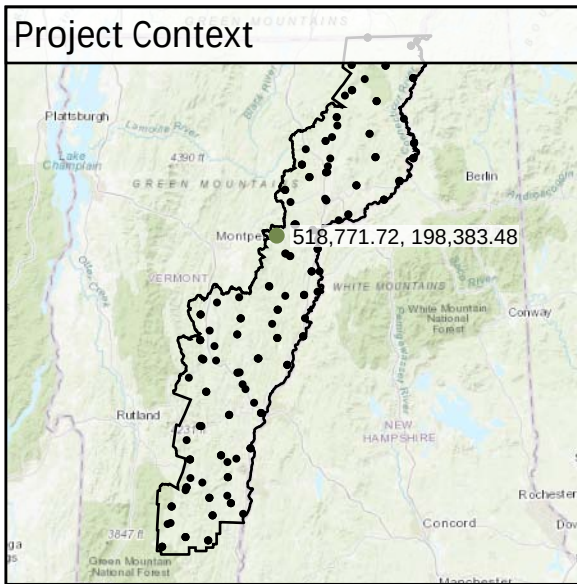


DEM Dz +0.12 m

VWA - FO31



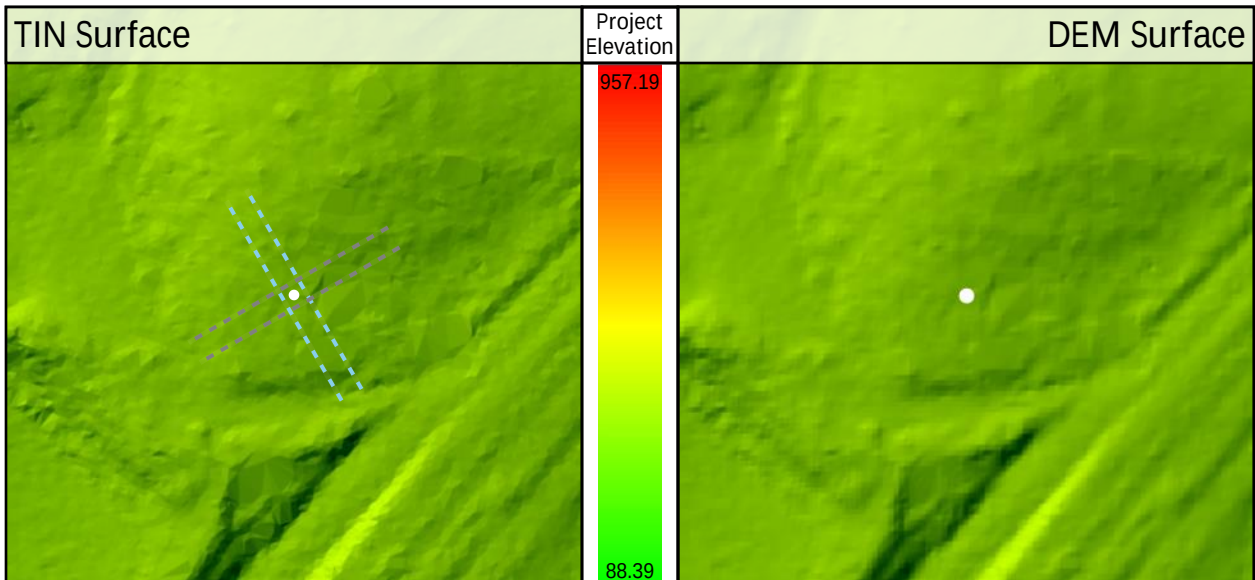
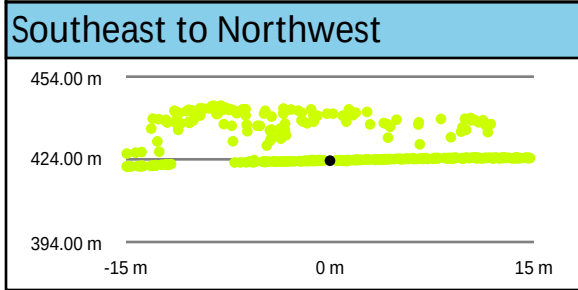
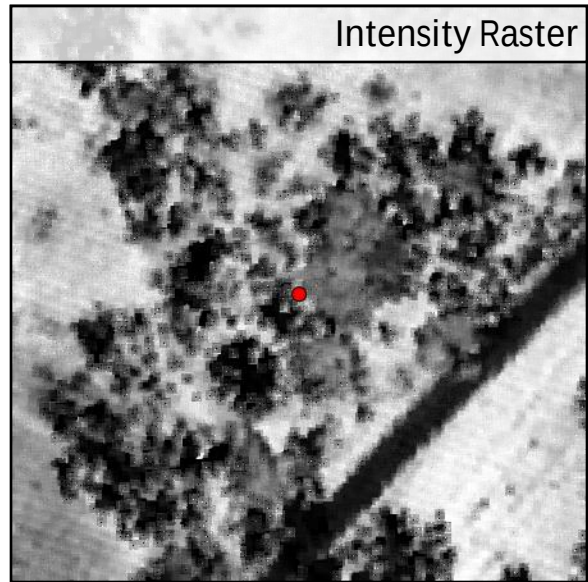
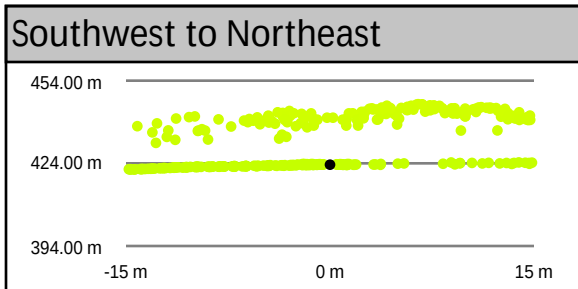
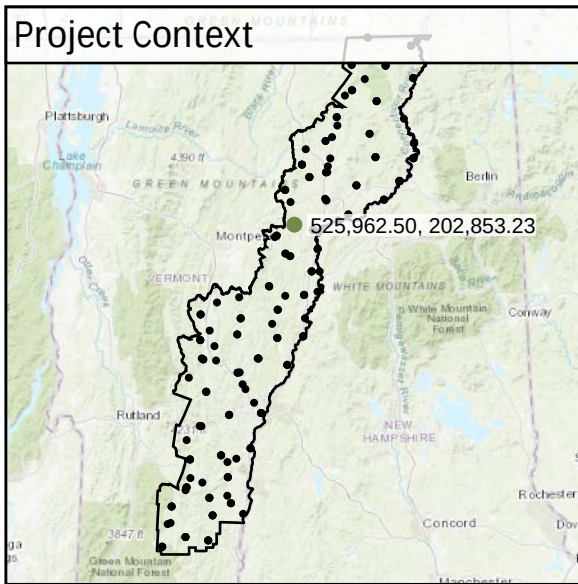
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|------|------------|----------|----------------|-----------|
| FO32 | Known Z    | 339.97 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 1.03 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.14 °    |



DEM Dz +0.09 m

VWA - FO32

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO33 | Known Z    | 423.51 m | Point Density  | 2.37 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.66 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 8.01 °    |

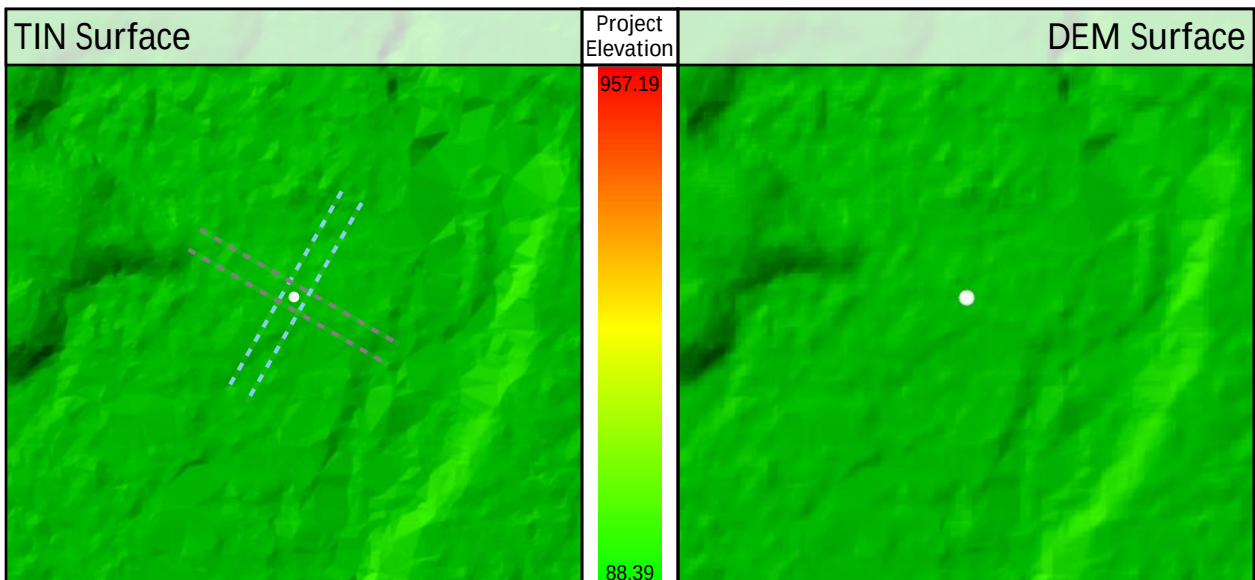
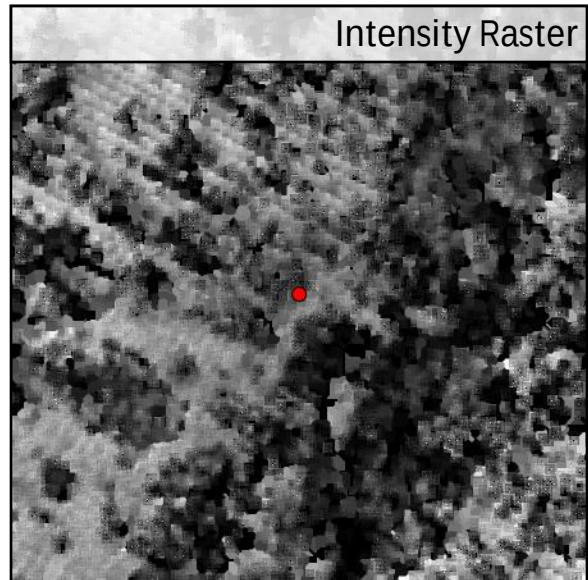
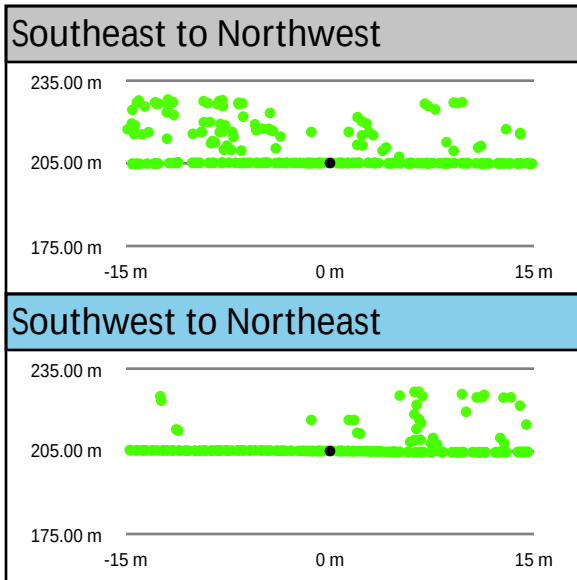
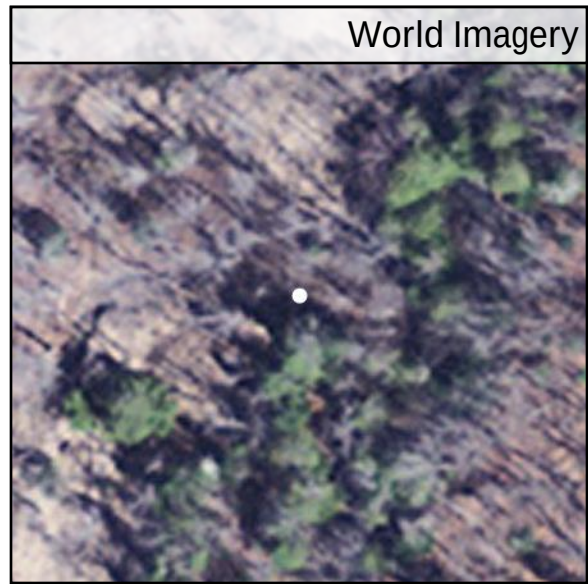
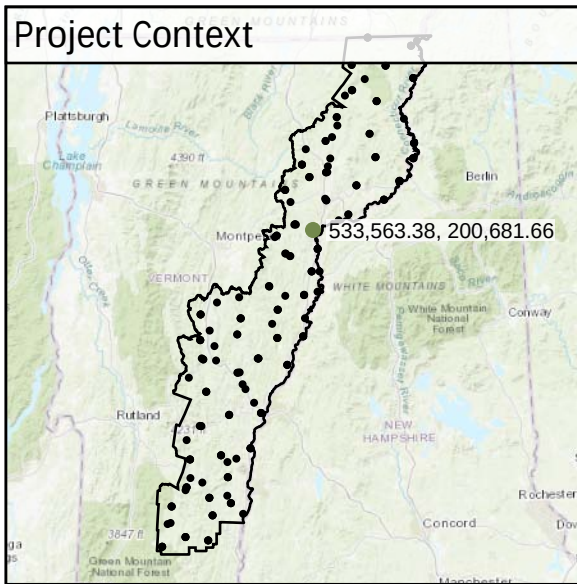


DEM Dz +0.08 m

VWA - FO33



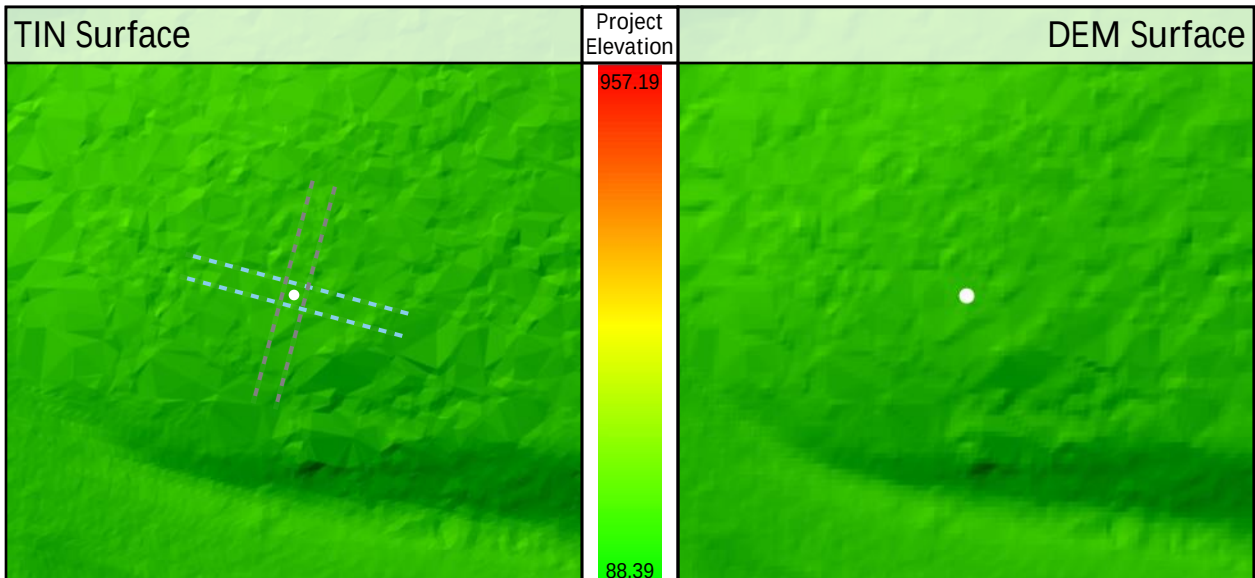
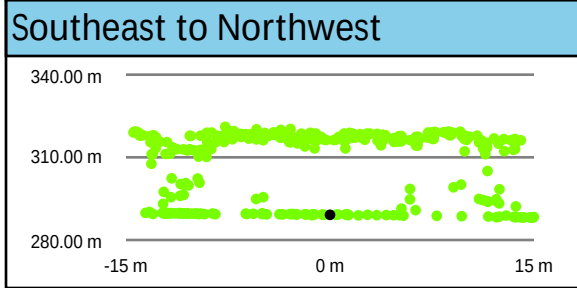
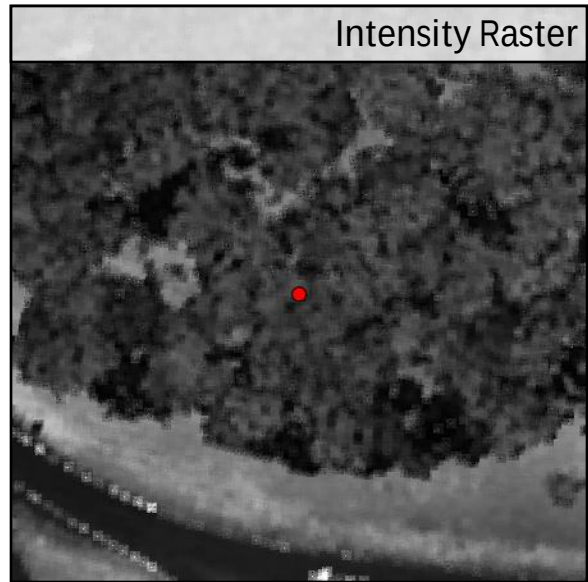
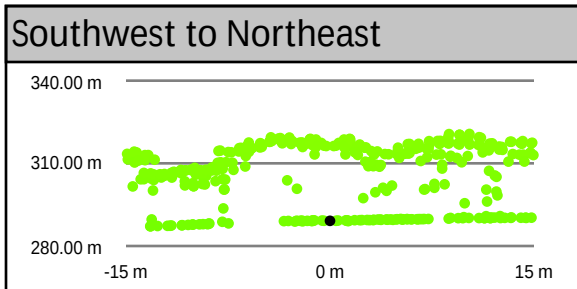
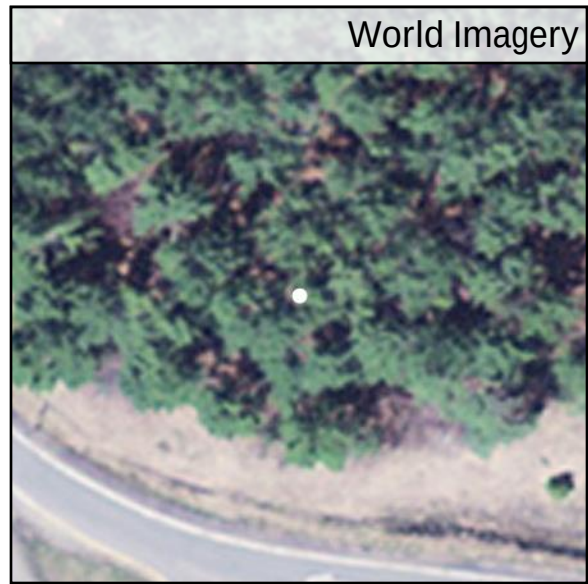
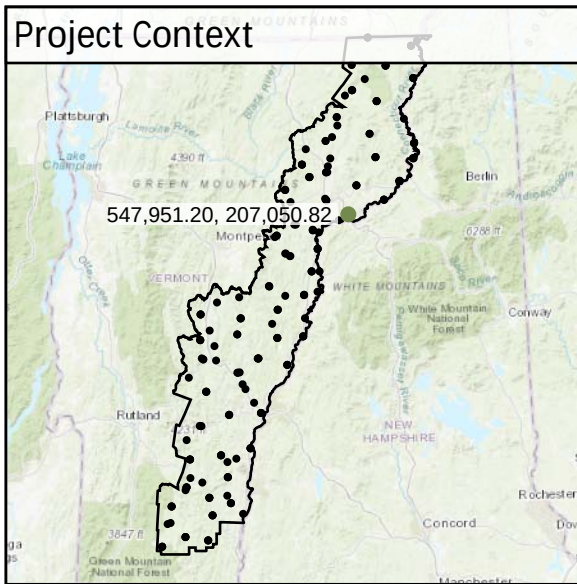
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO34 | Known Z    | 205.11 m | Point Density  | 1.59 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.66 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.62 °    |



DEM Dz +0.02 m

VWA - FO34

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO35 | Known Z    | 289.13 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 0.95 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.72 °    |

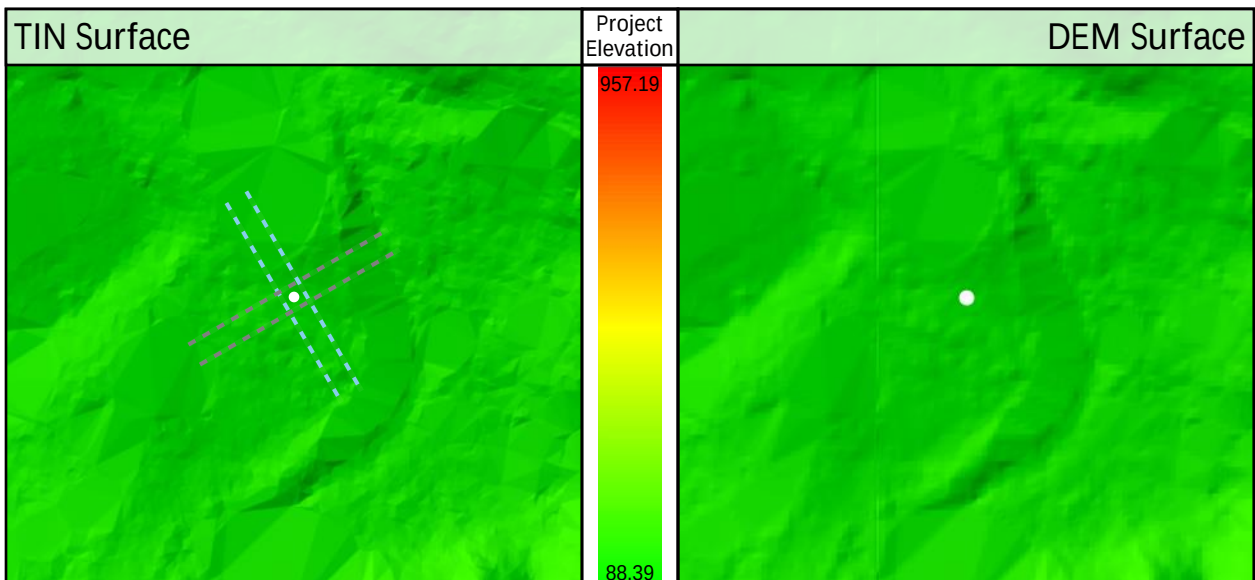
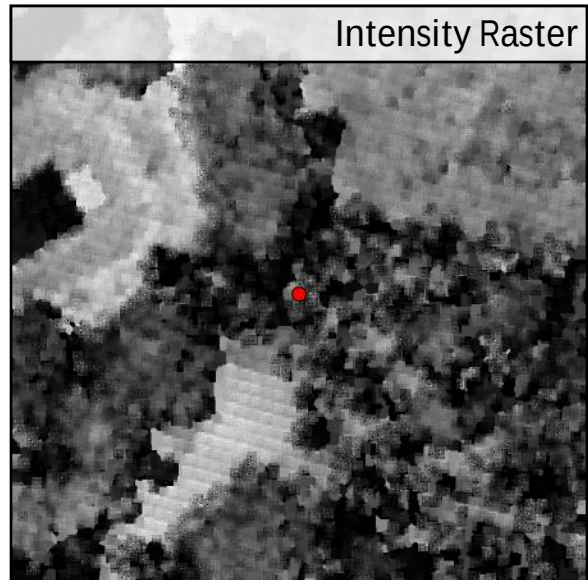
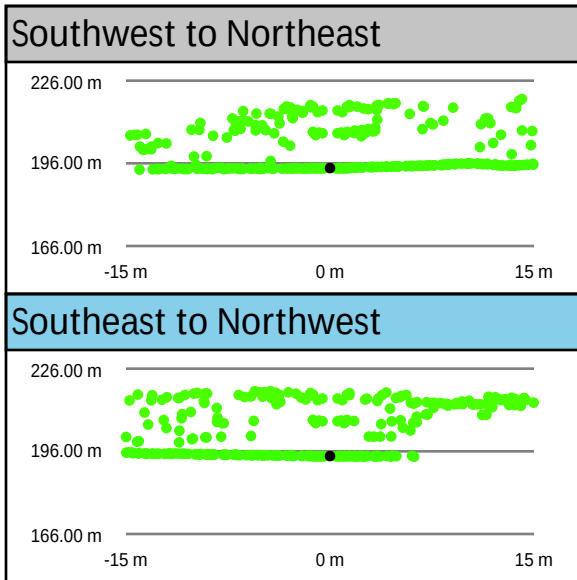
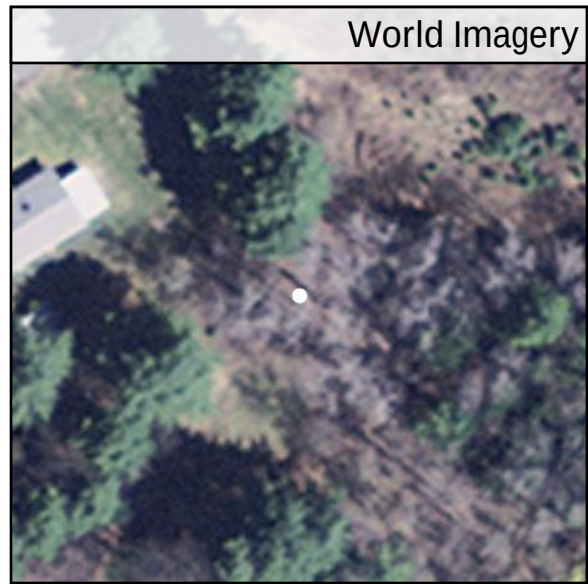
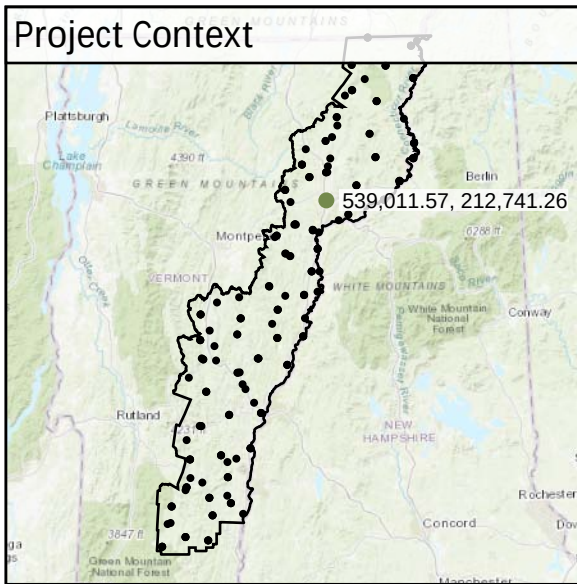


DEM Dz +0.06 m

VWA - FO35



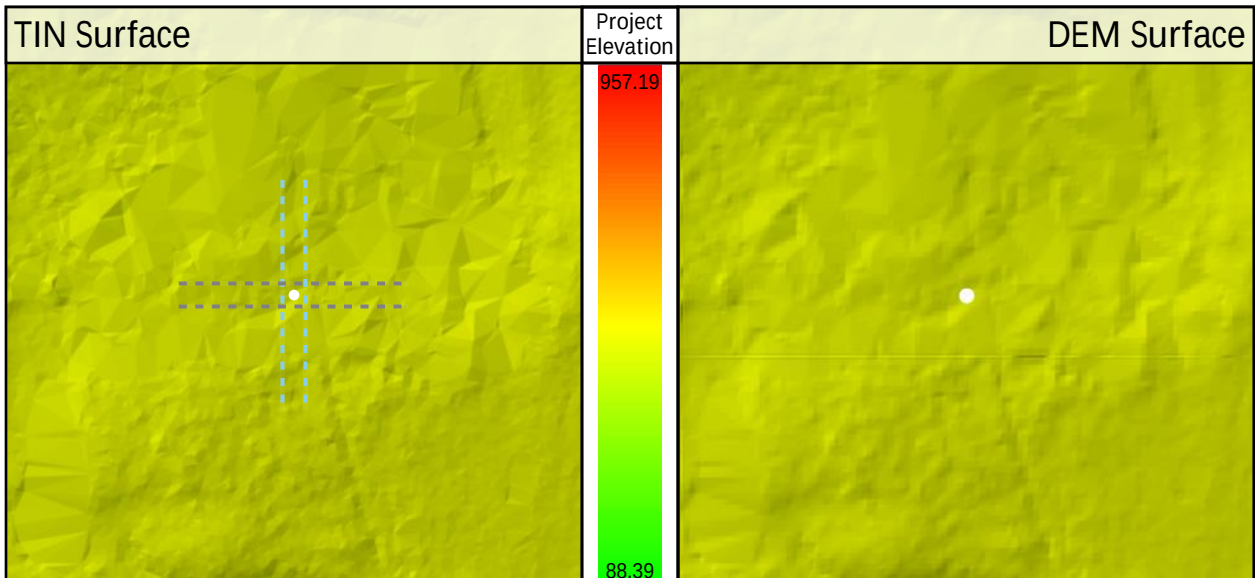
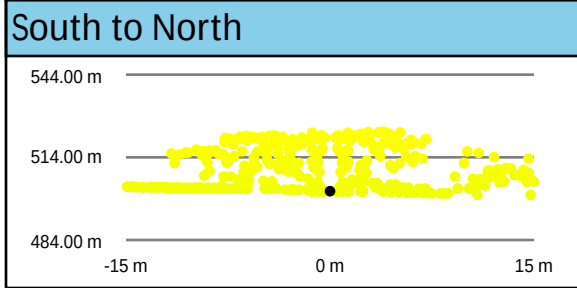
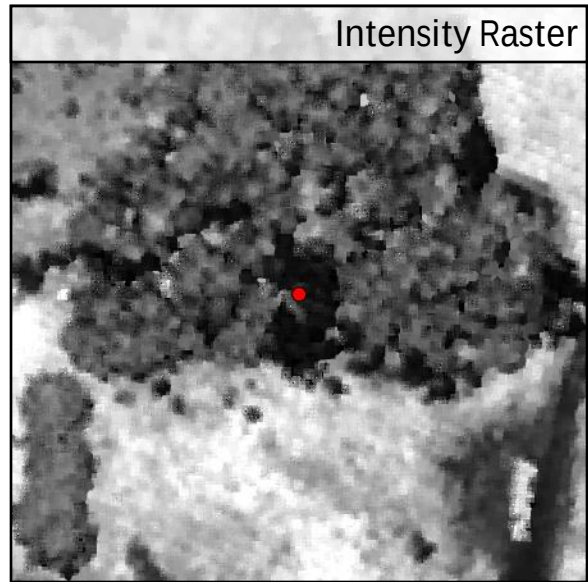
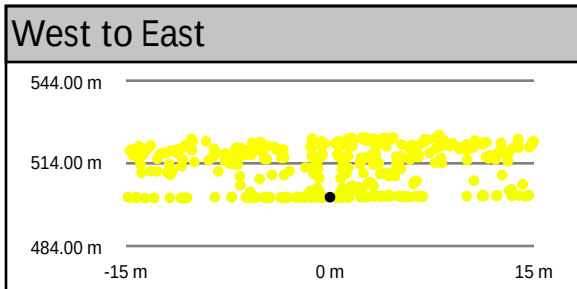
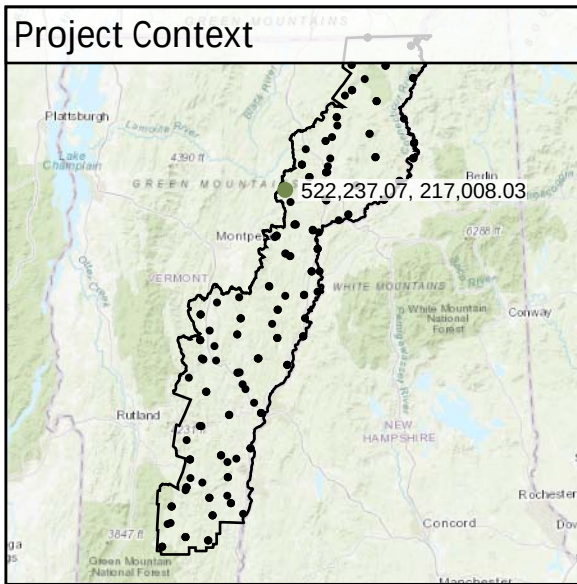
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO36 | Known Z    | 194.28 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | -0.06 m  | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.21 °    |



DEM Dz -0.06 m

VWA - FO36

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO37 | Known Z    | 501.71 m | Point Density  | 2.41 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 0.85 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 7.36 °    |

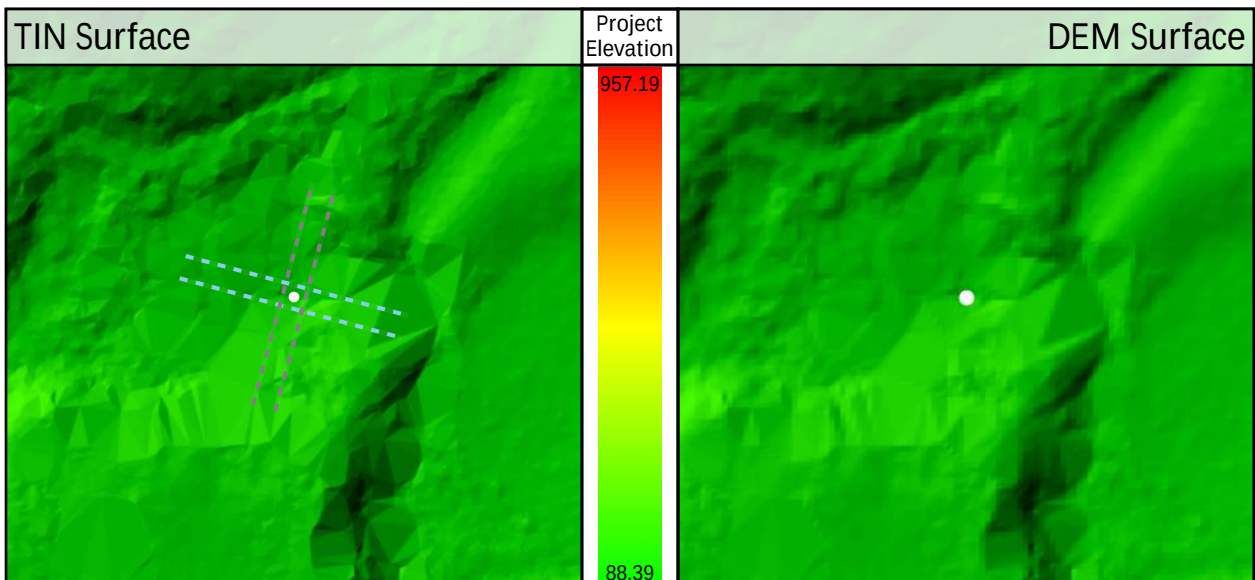
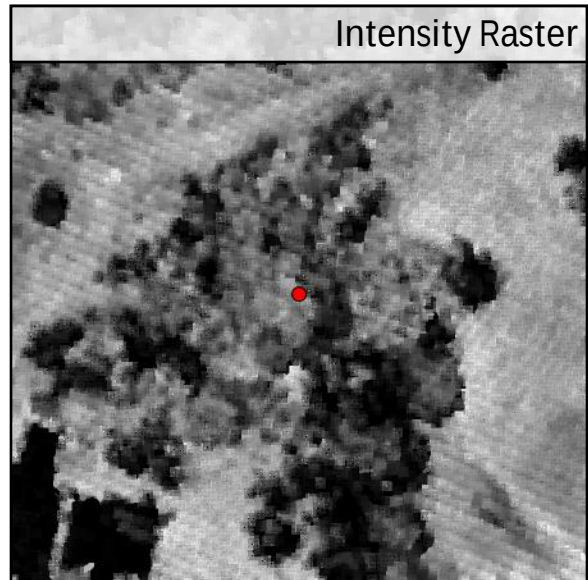
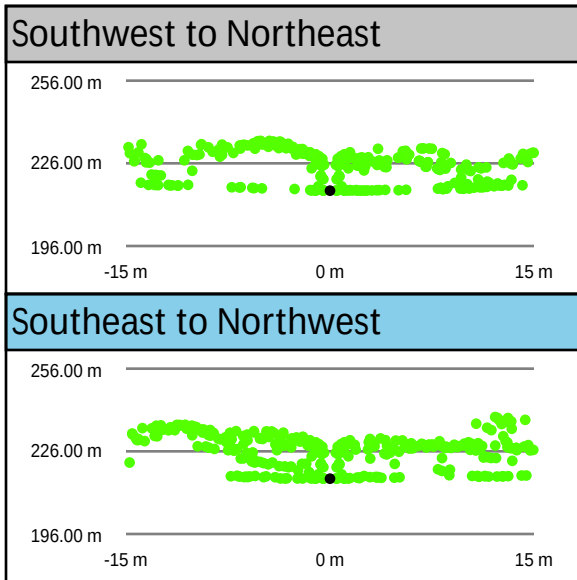
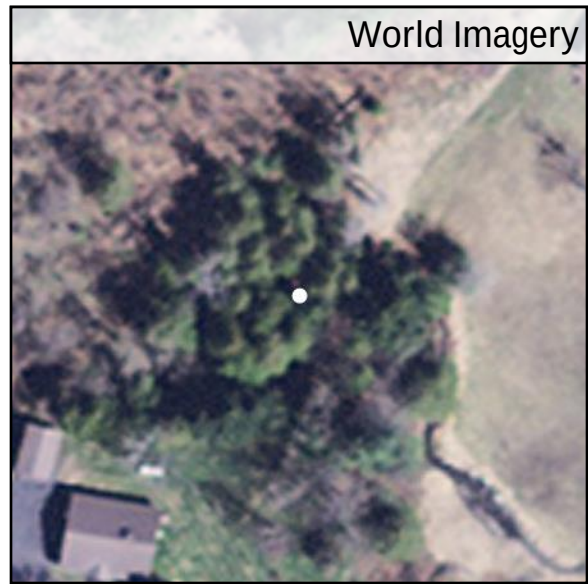
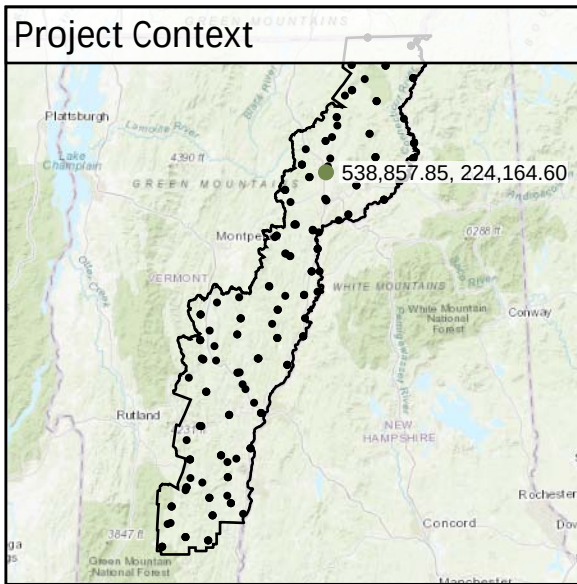


DEM Dz 0.00 m

VWA - FO37



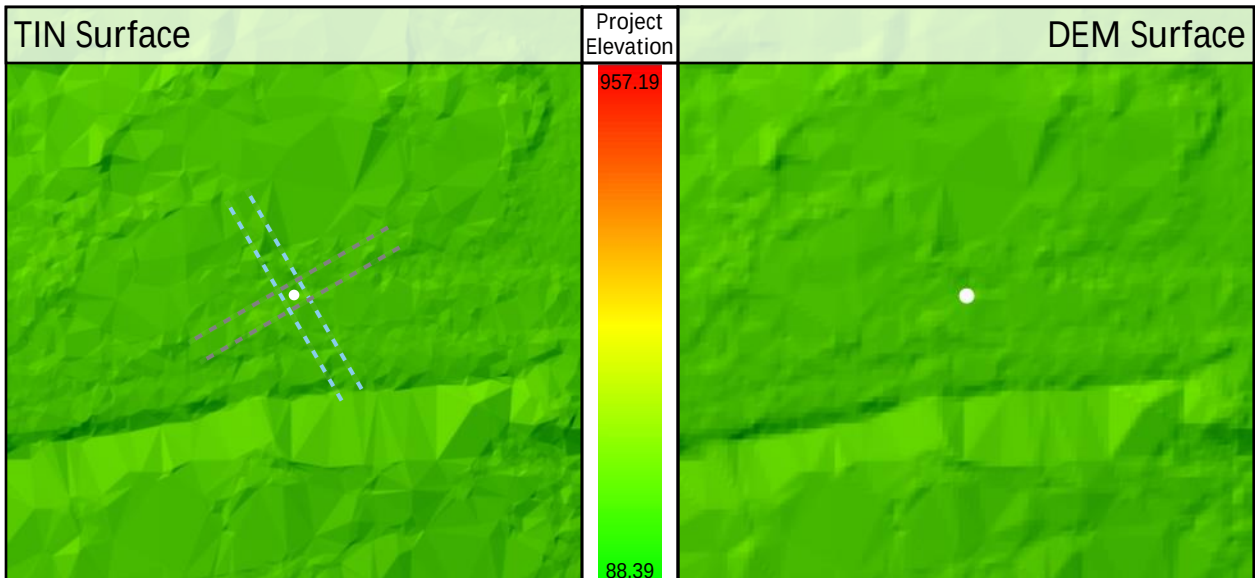
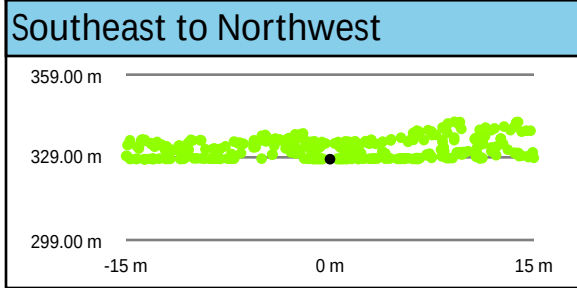
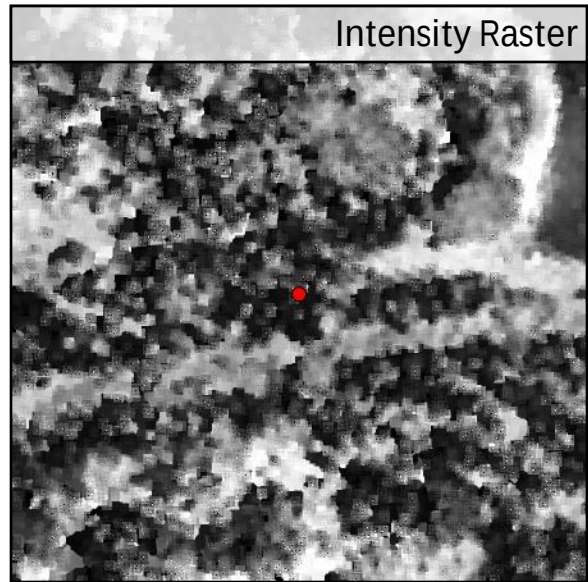
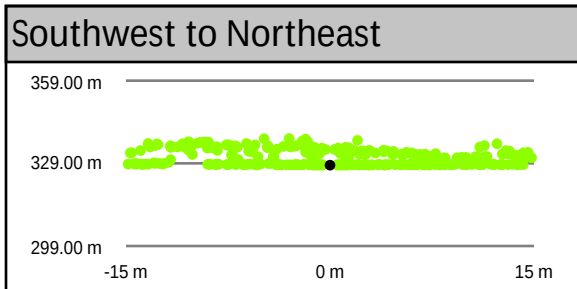
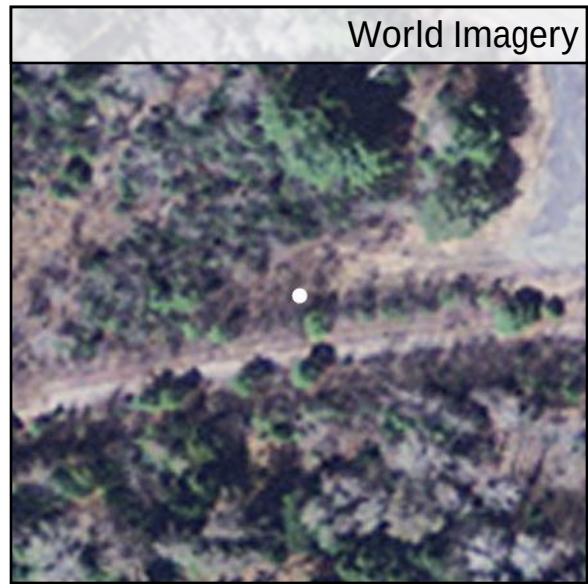
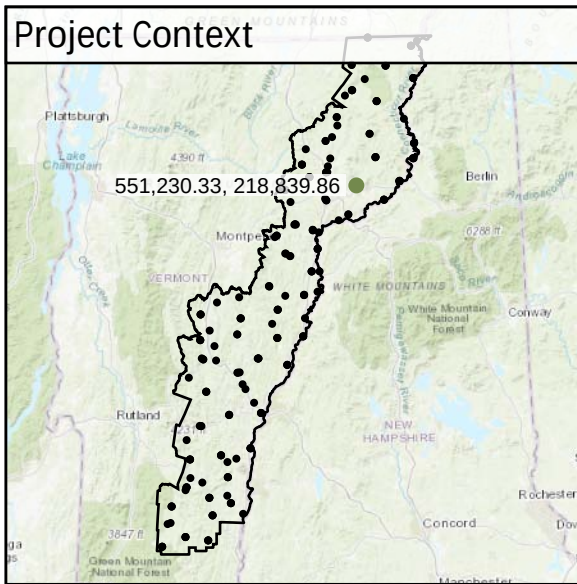
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|------|------------|----------|----------------|-----------|
| FO38 | Known Z    | 216.08 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 0.74 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.13 °    |



DEM Dz +0.08 m

VWA - FO38

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO39 | Known Z    | 328.33 m | Point Density  | 2.41 ppsm |
|      | DEM Dz     | 0.11 m   | Ground Density | 1.31 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.39 °    |

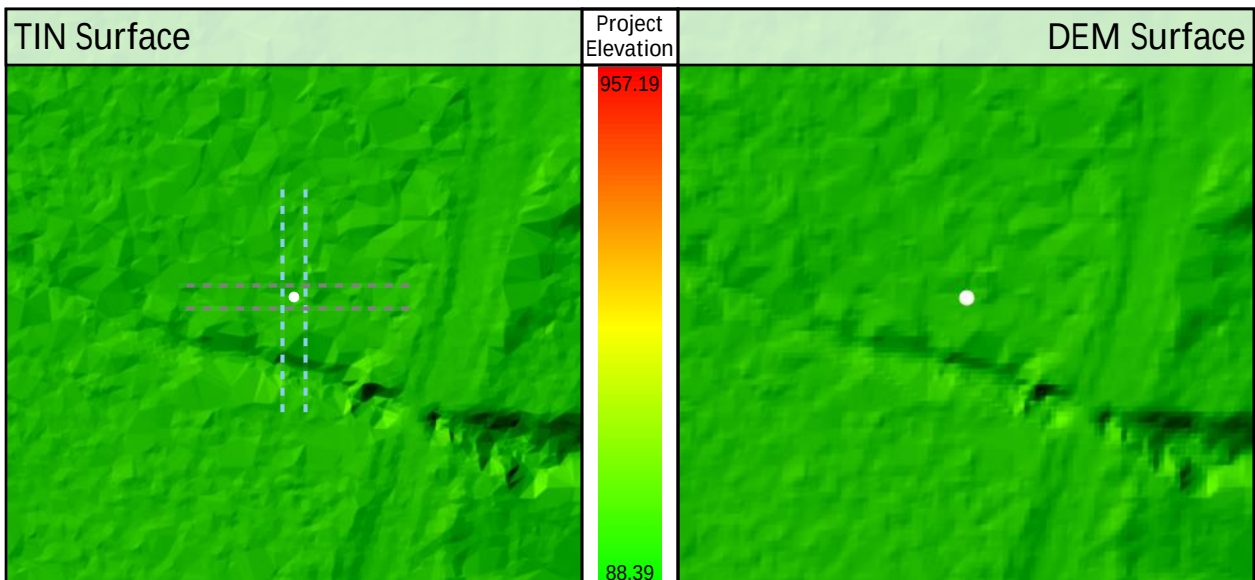
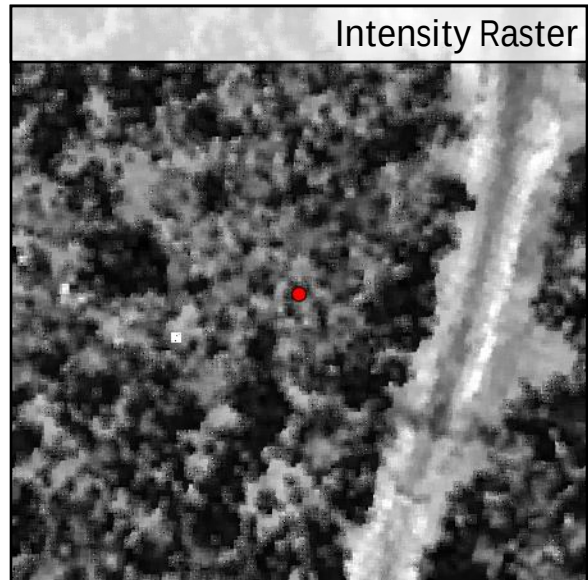
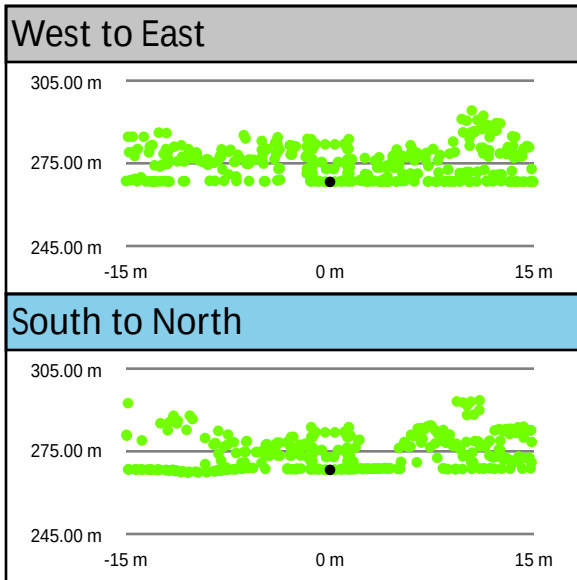
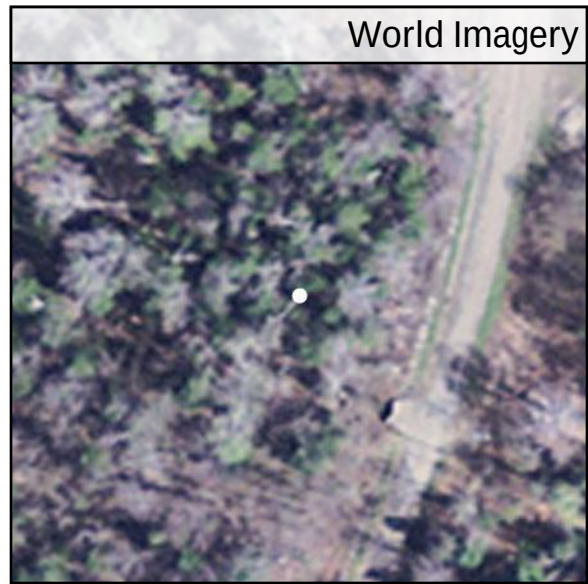
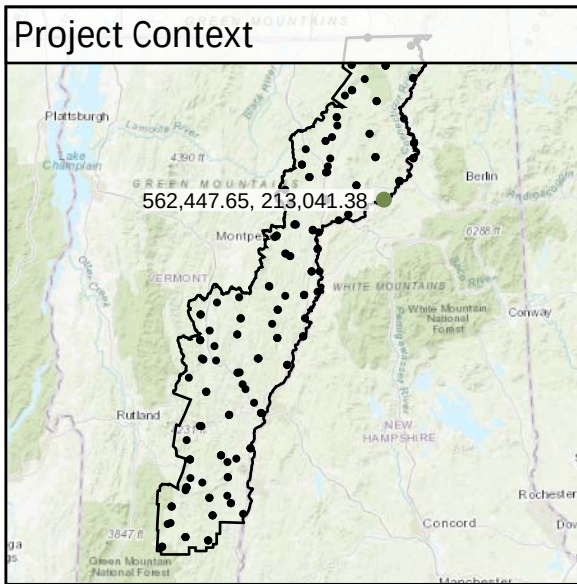


DEM Dz +0.11 m

VWA - FO39



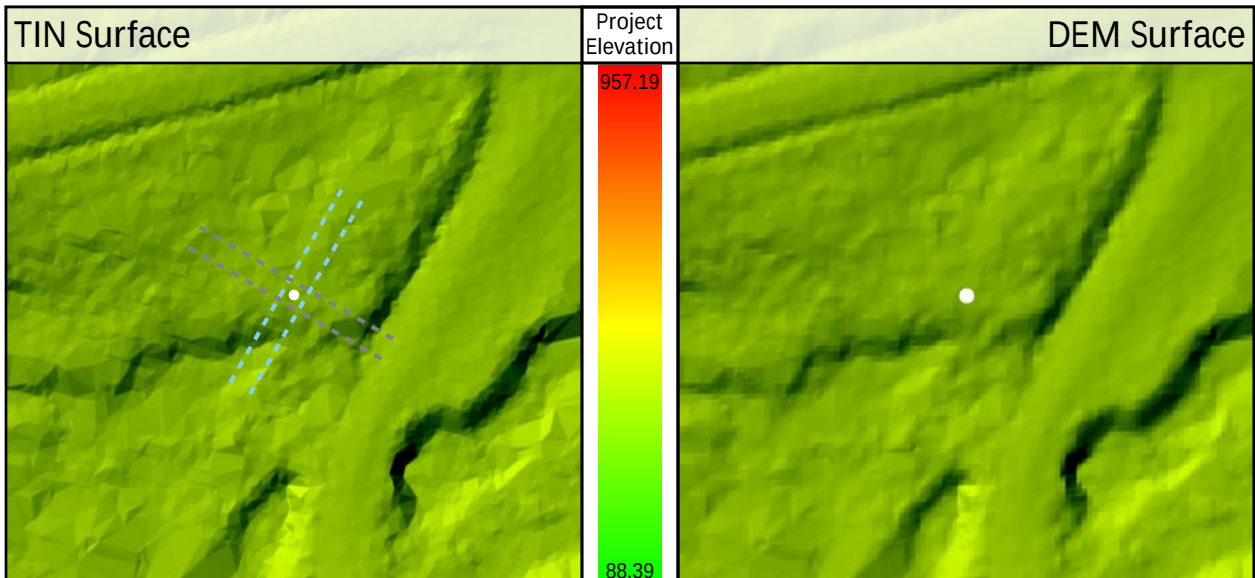
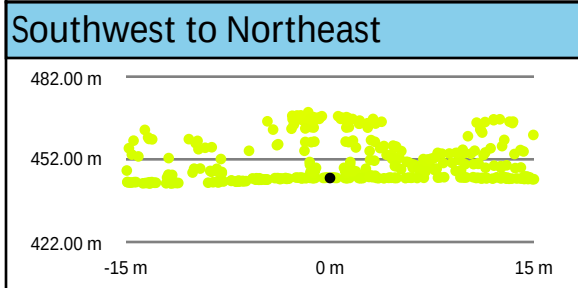
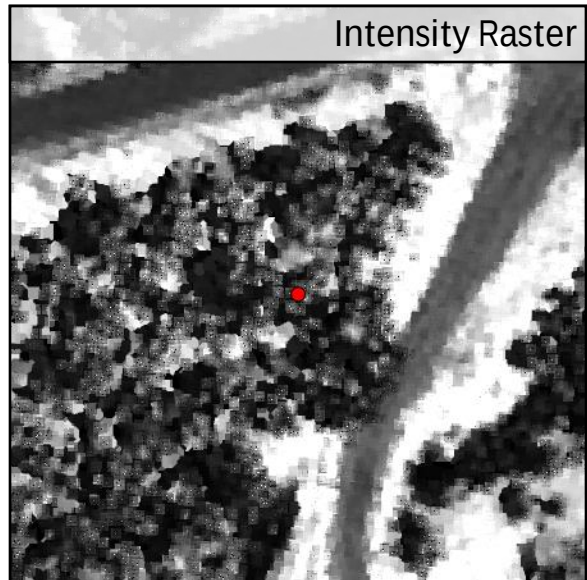
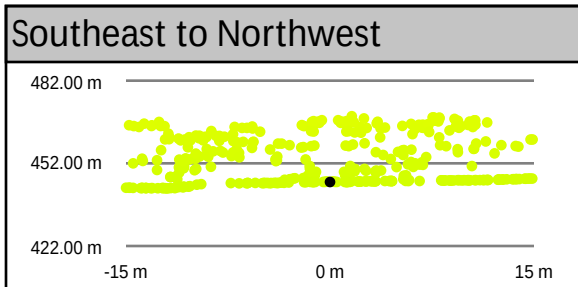
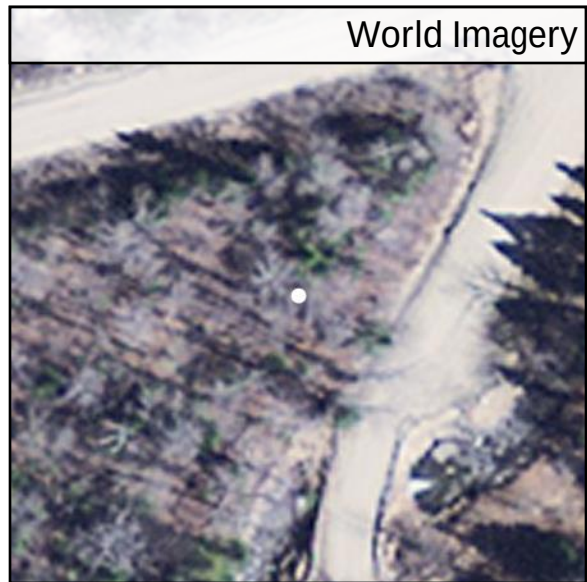
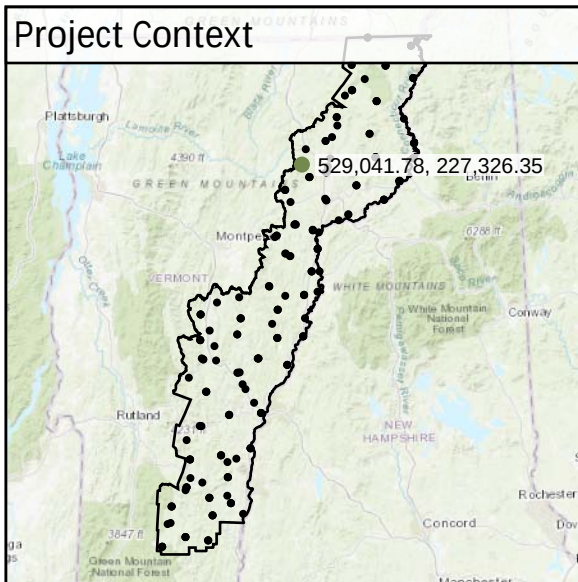
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO40 | Known Z    | 268.26 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 0.67 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.20 °    |



DEM Dz +0.09 m

VWA - FO40

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO41 | Known Z    | 445.22 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.10 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.75 °    |

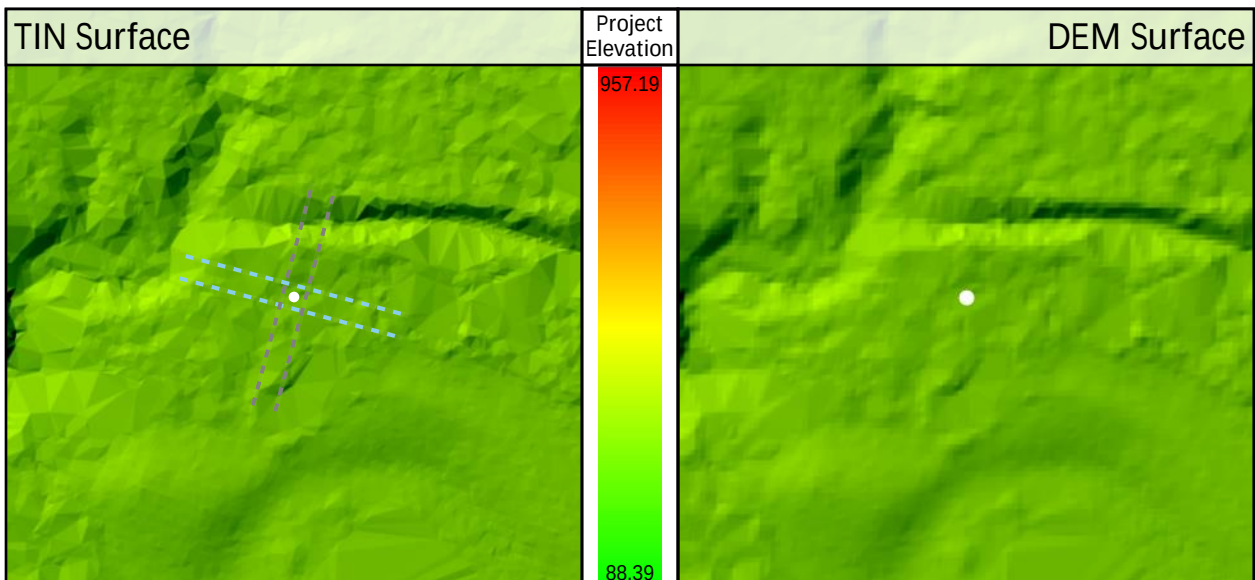
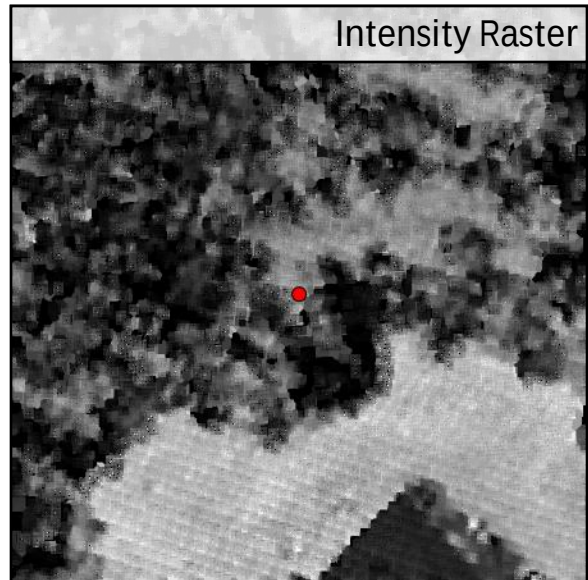
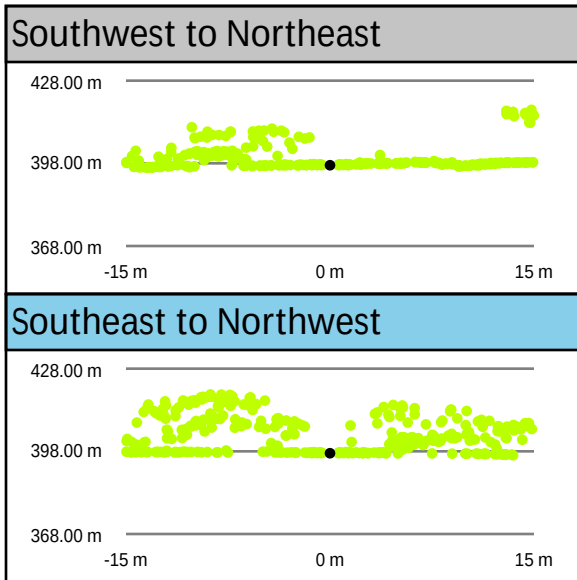
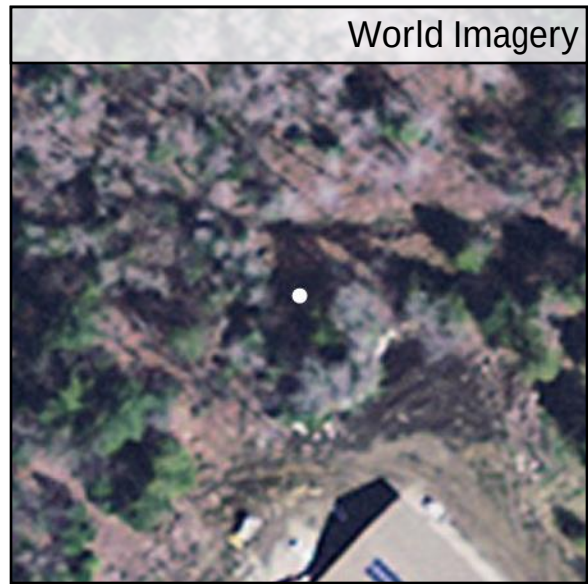
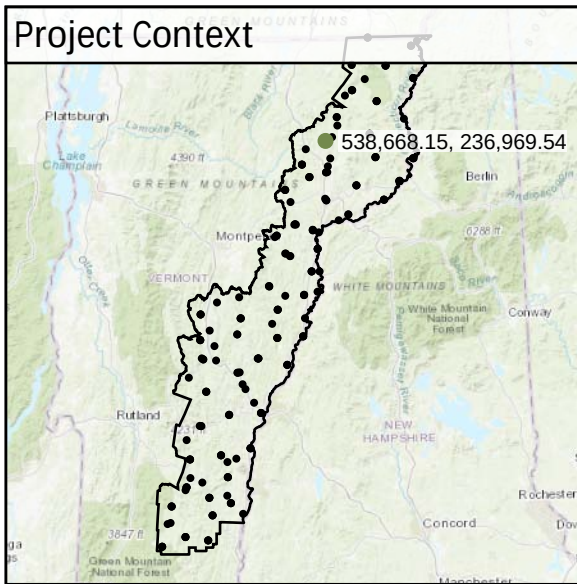


DEM Dz +0.04 m

VWA - FO41



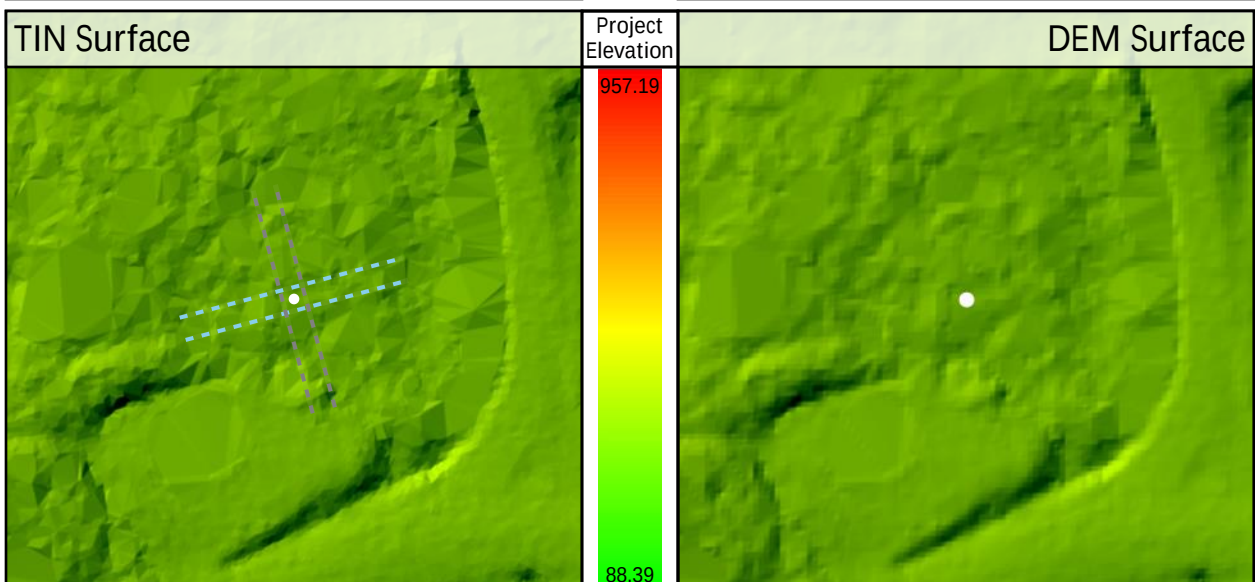
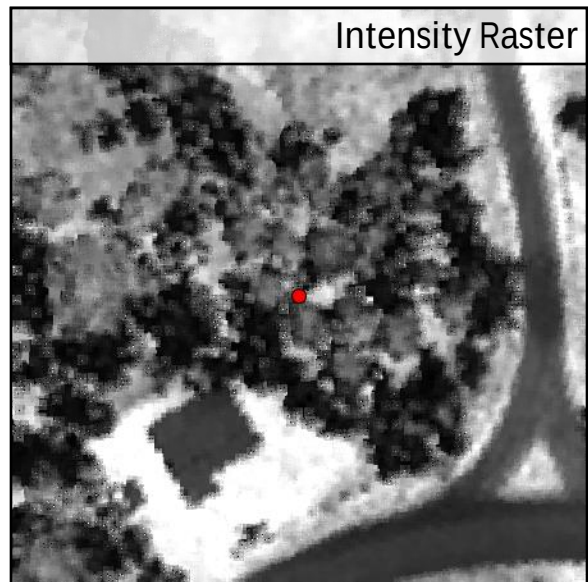
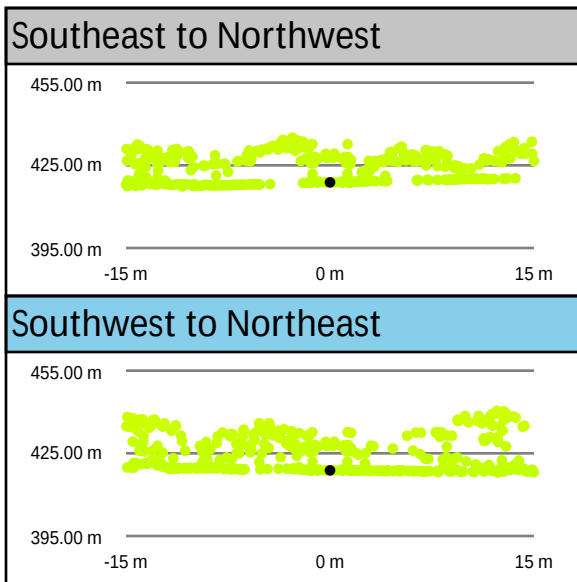
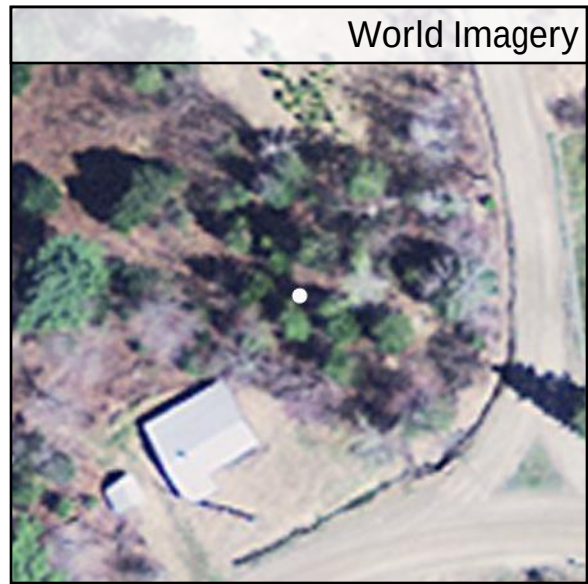
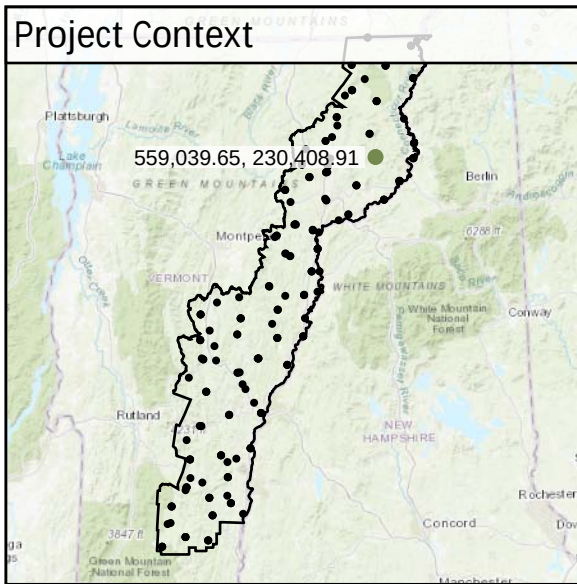
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO42 | Known Z    | 397.31 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.16 m   | Ground Density | 1.41 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.75 °    |



DEM Dz +0.16 m

VWA - FO42

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO43 | Known Z    | 418.81 m | Point Density  | 2.58 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 1.52 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 6.30 °    |

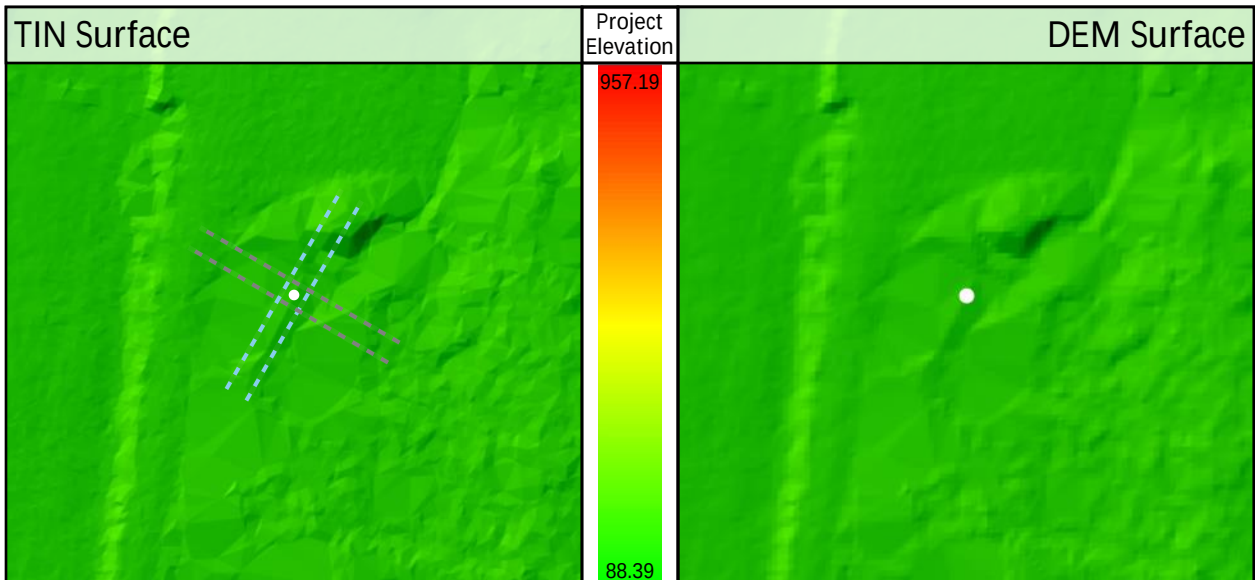
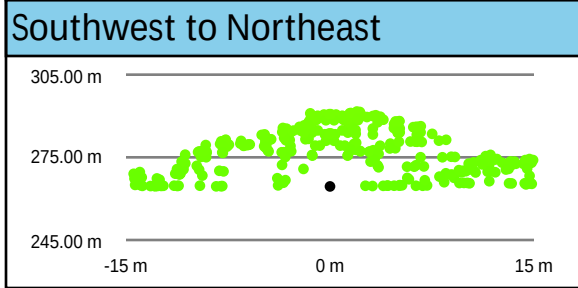
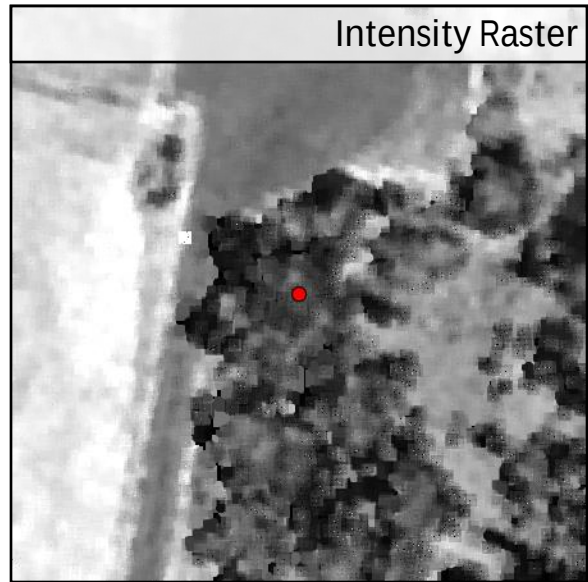
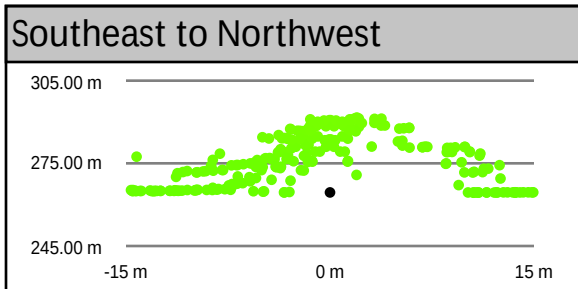
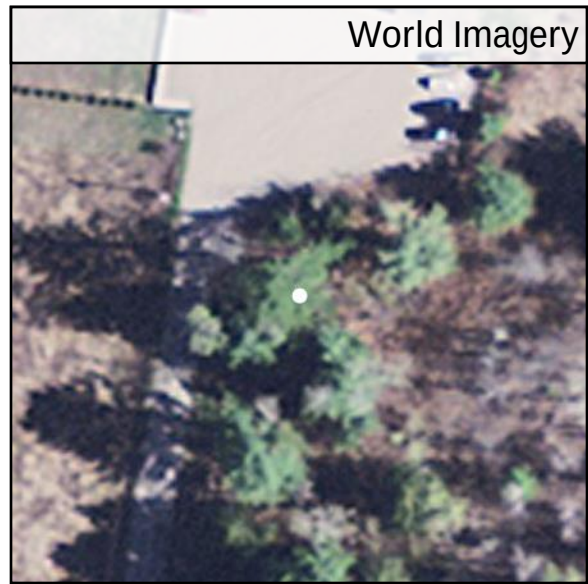
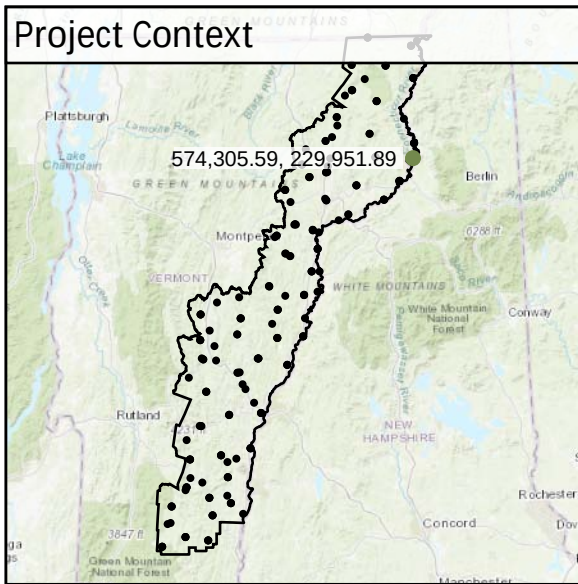


DEM Dz +0.06 m

VWA - FO43



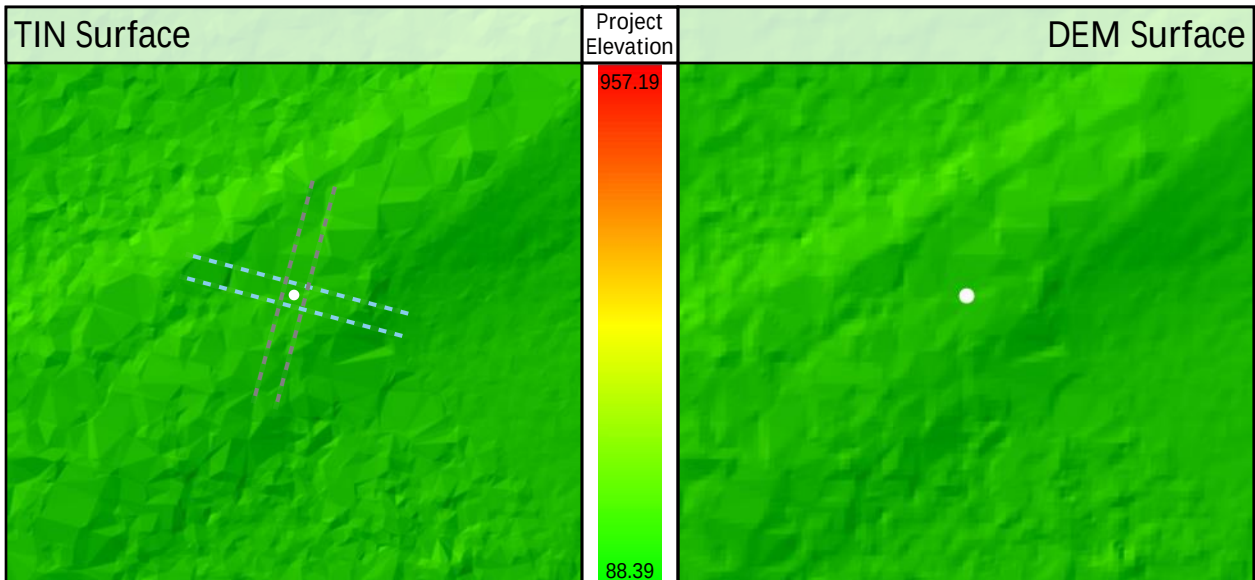
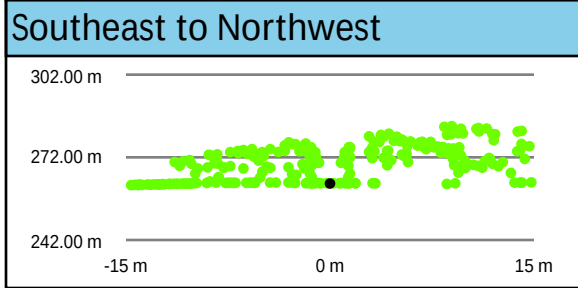
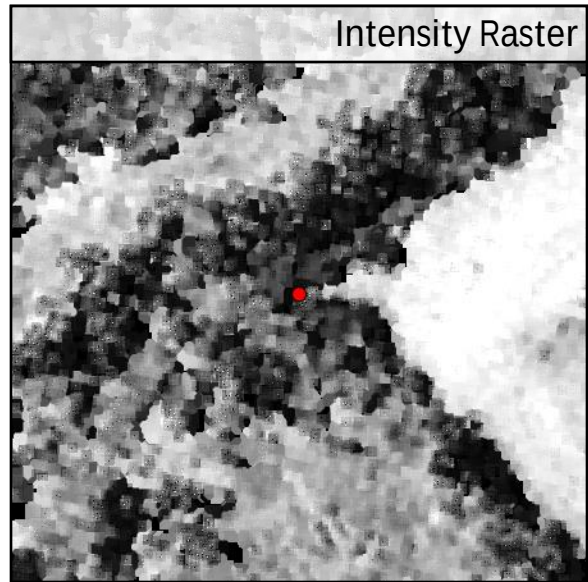
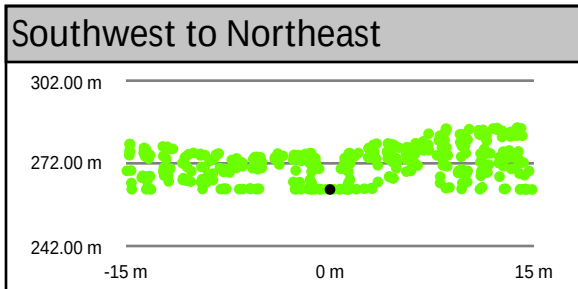
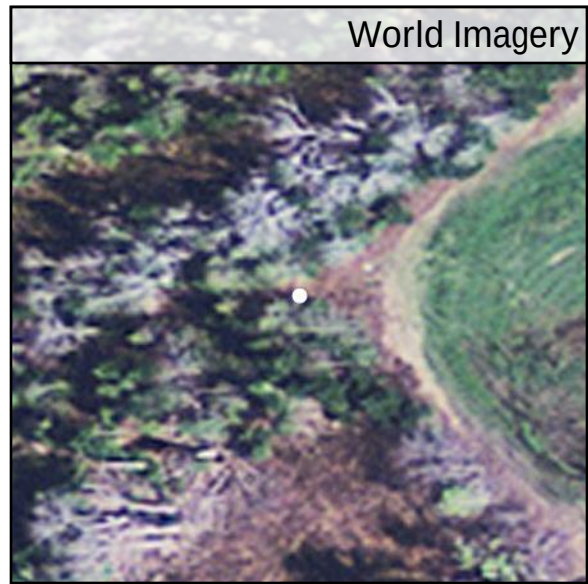
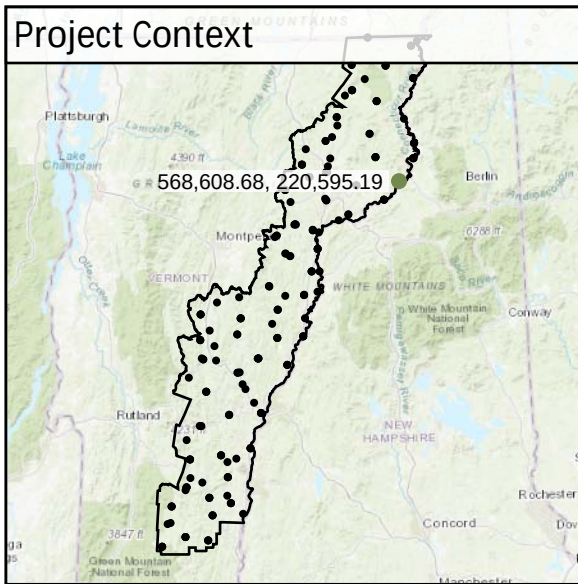
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|------|------------|----------|----------------|-----------|
| FO44 | Known Z    | 264.44 m | Point Density  | 2.05 ppsm |
|      | DEM Dz     | 0.25 m   | Ground Density | 0.00 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.90 °    |



DEM Dz +0.25 m

VWA - FO44

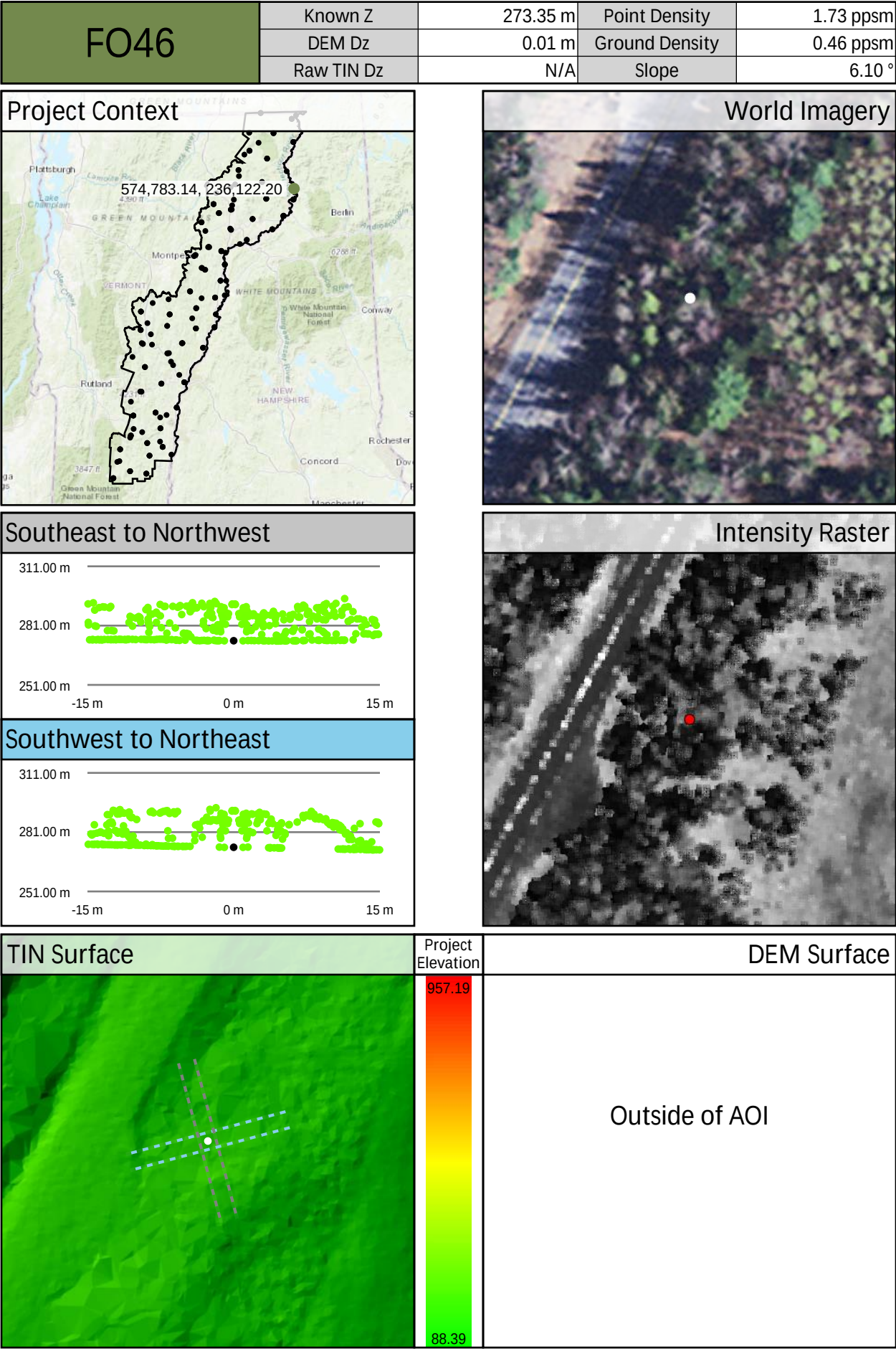
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO45 | Known Z    | 262.50 m | Point Density  | 1.56 ppsm |
|      | DEM Dz     | 0.10 m   | Ground Density | 0.64 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.90 °    |



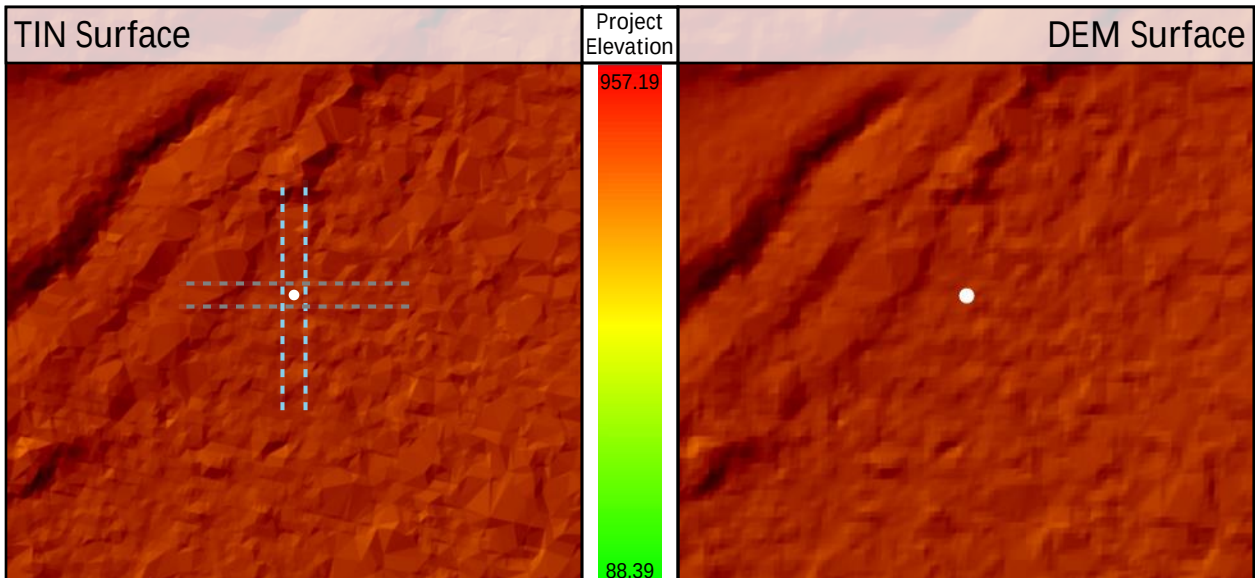
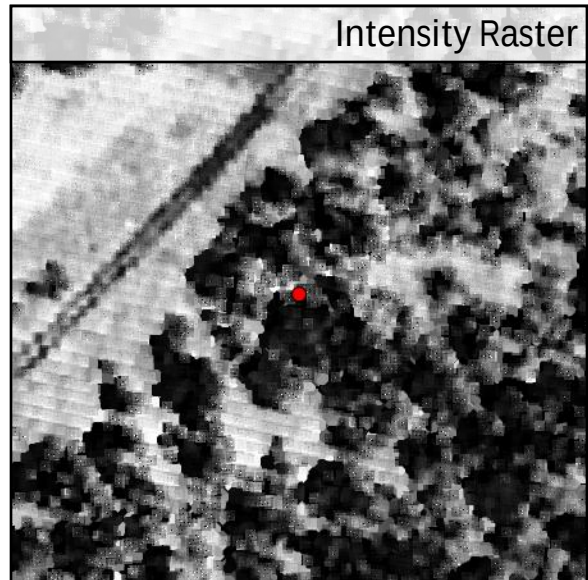
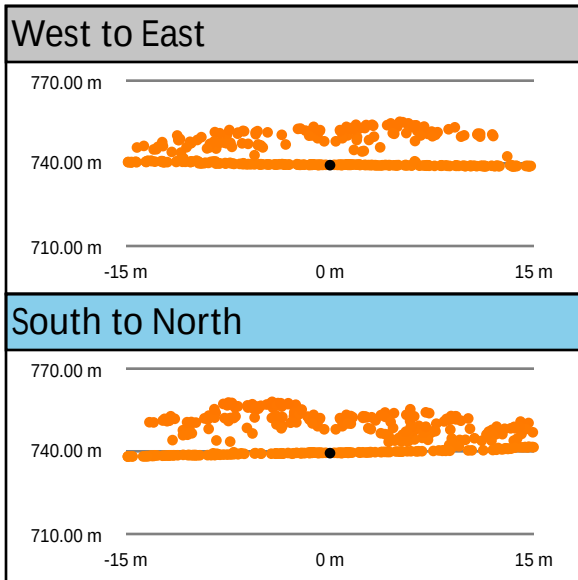
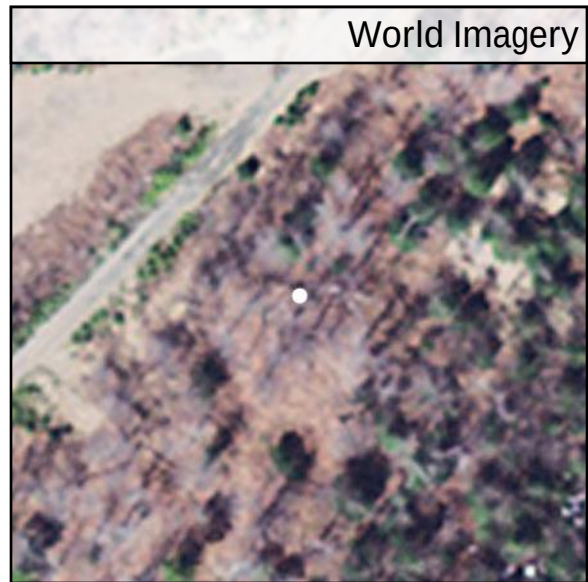
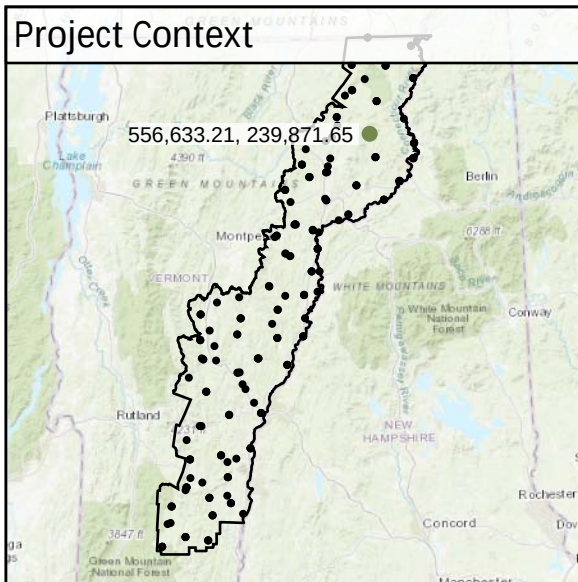
DEM Dz +0.10 m

VWA - FO45





|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO47 | Known Z    | 739.34 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.13 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.07 °    |

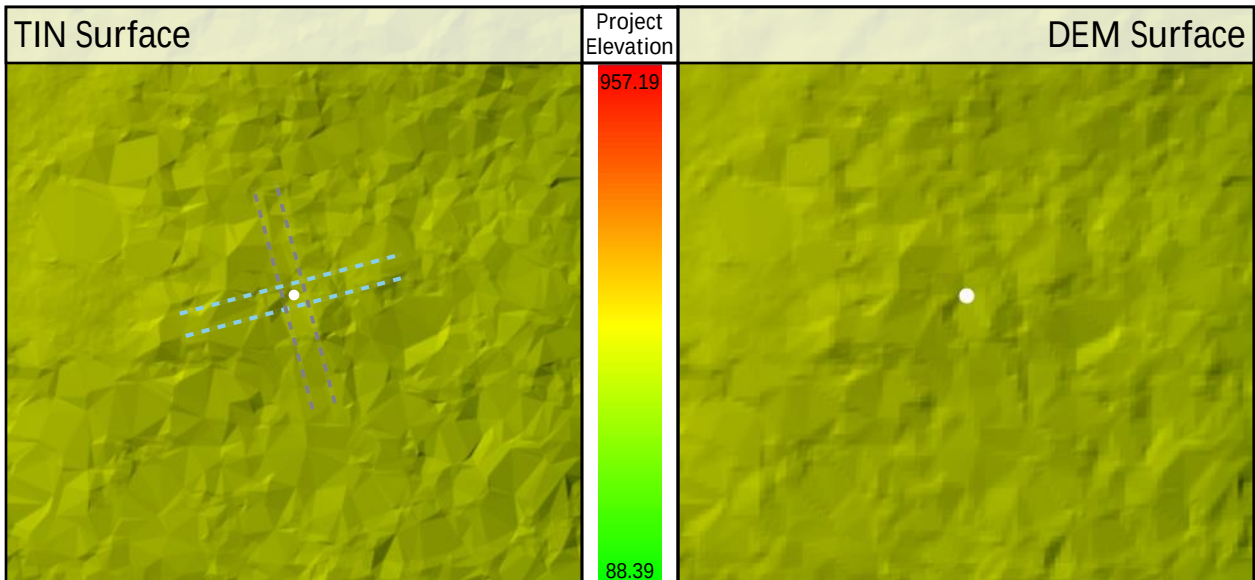
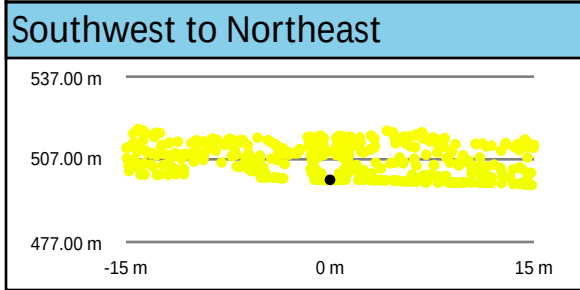
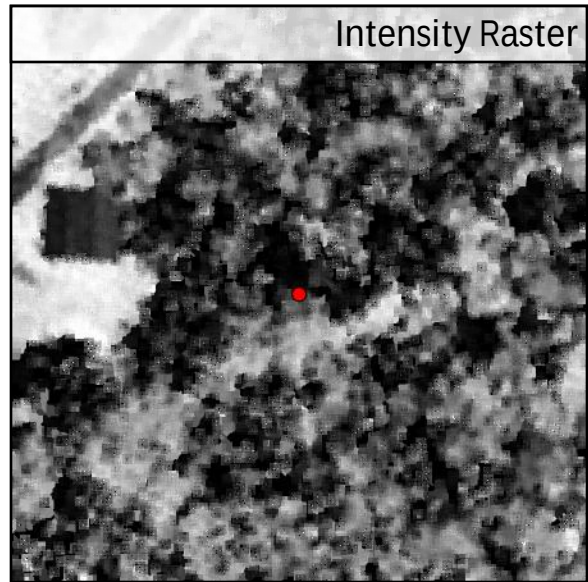
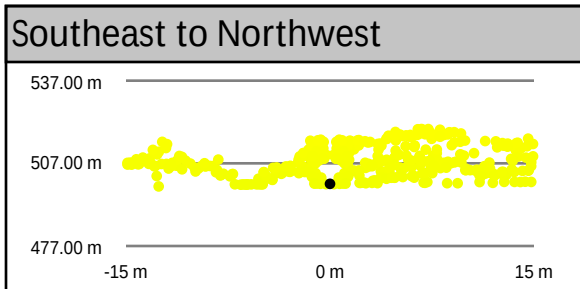
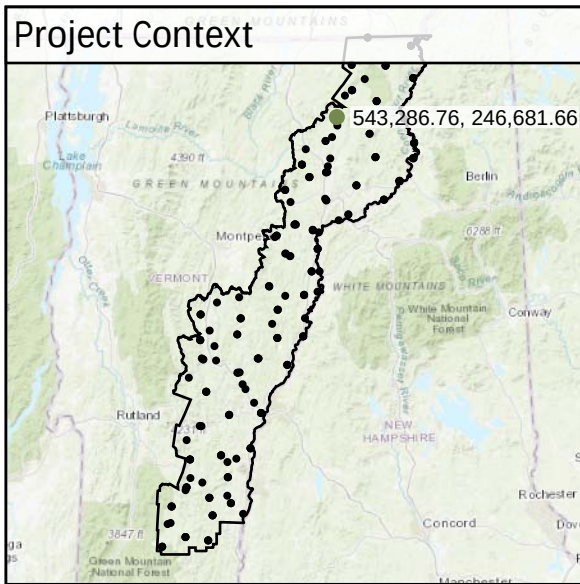


DEM Dz +0.13 m

VWA - FO47



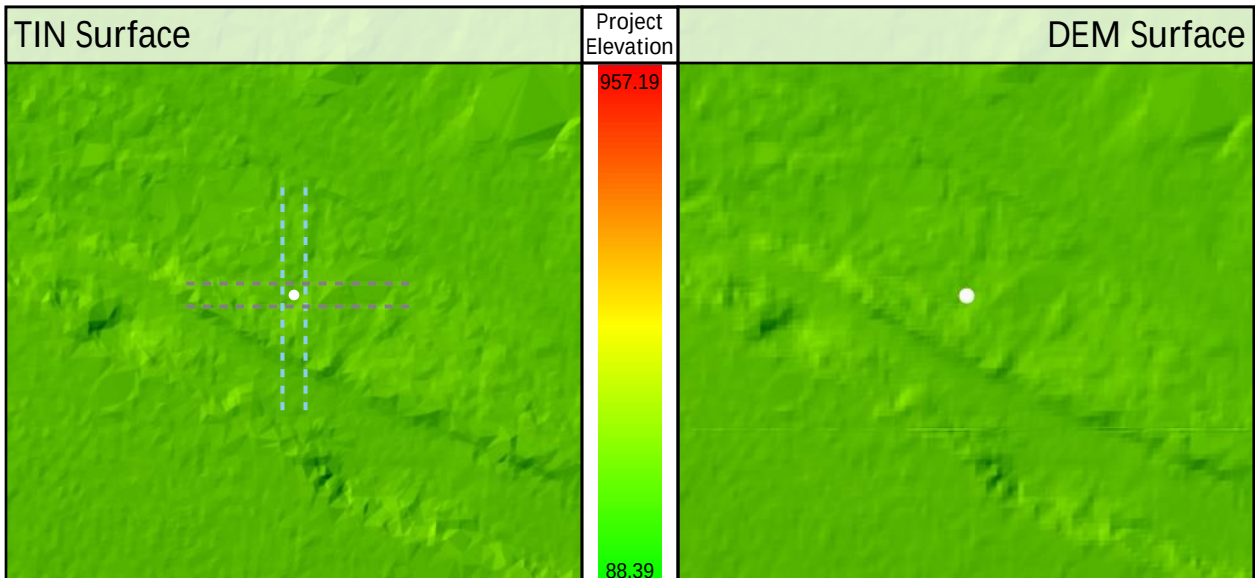
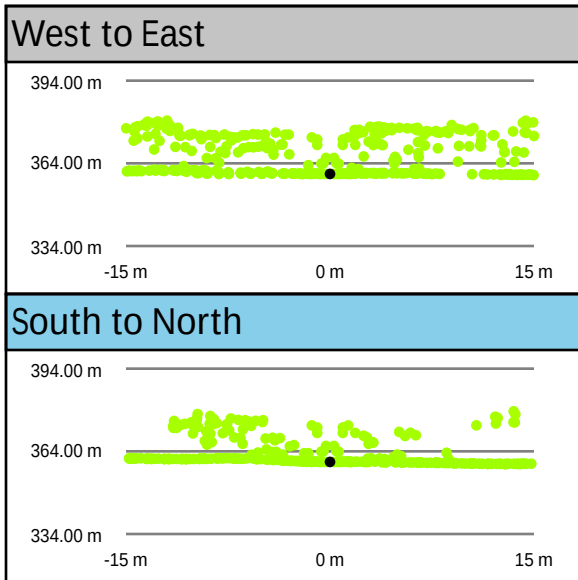
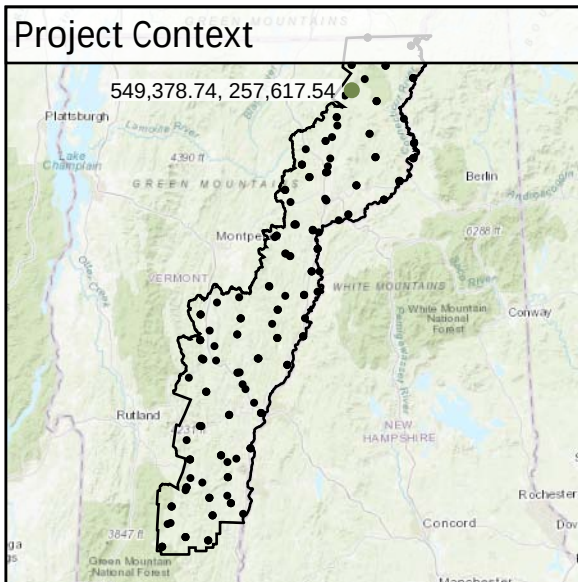
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|------|------------|----------|----------------|-----------|
| FO48 | Known Z    | 499.55 m | Point Density  | 2.19 ppsm |
|      | DEM Dz     | -0.08 m  | Ground Density | 0.32 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 6.49 °    |



DEM Dz -0.08 m

VWA - FO48

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO49 | Known Z    | 360.15 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.63 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.70 °    |

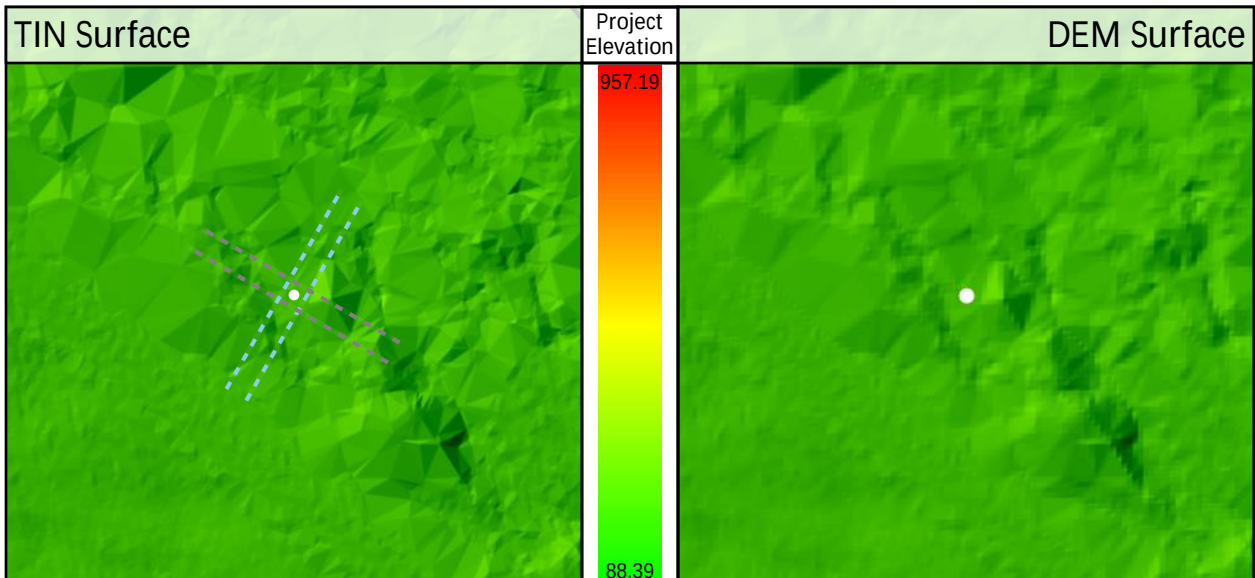
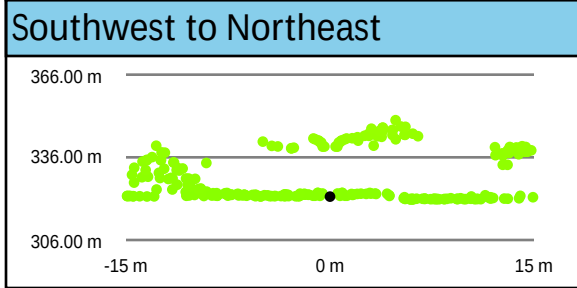
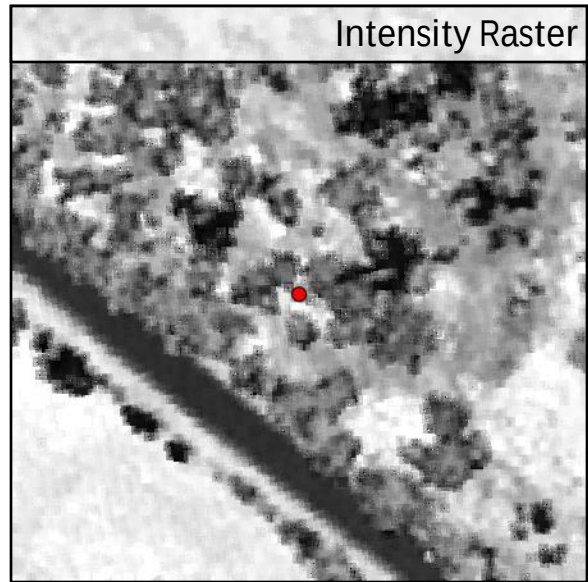
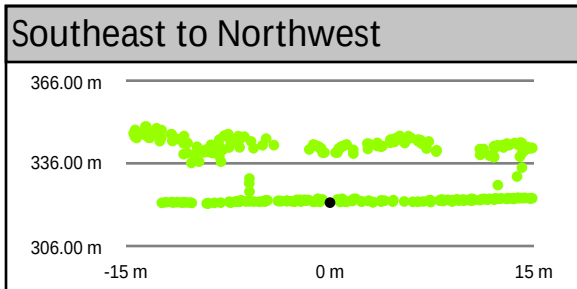
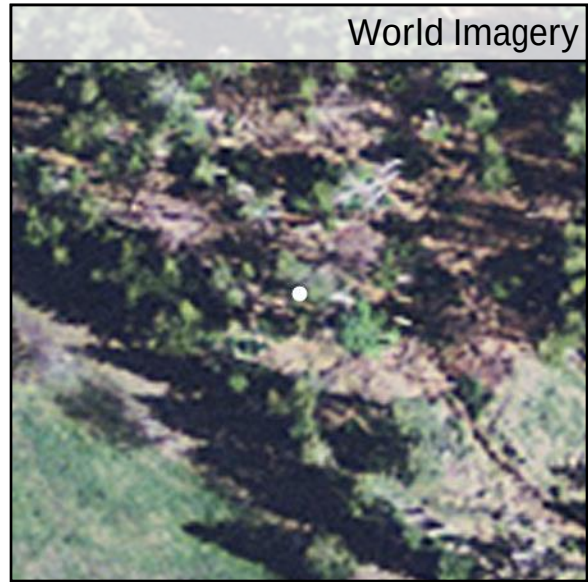
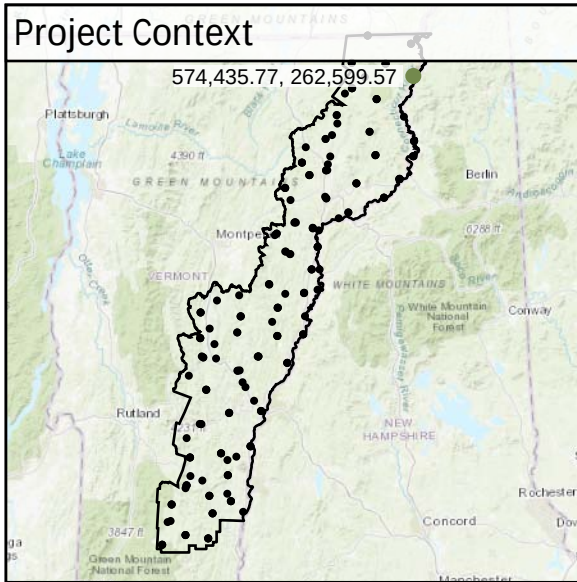


DEM Dz +0.04 m

VWA - FO49



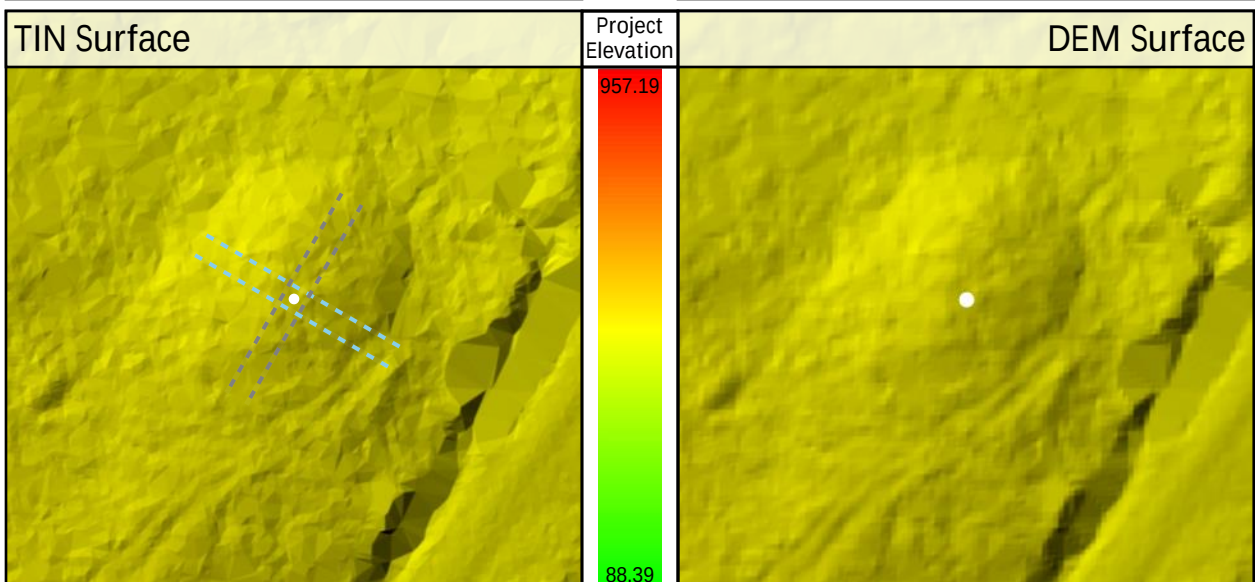
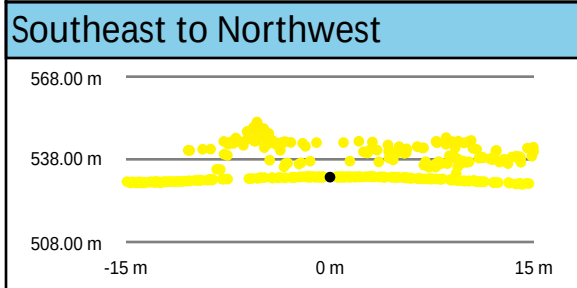
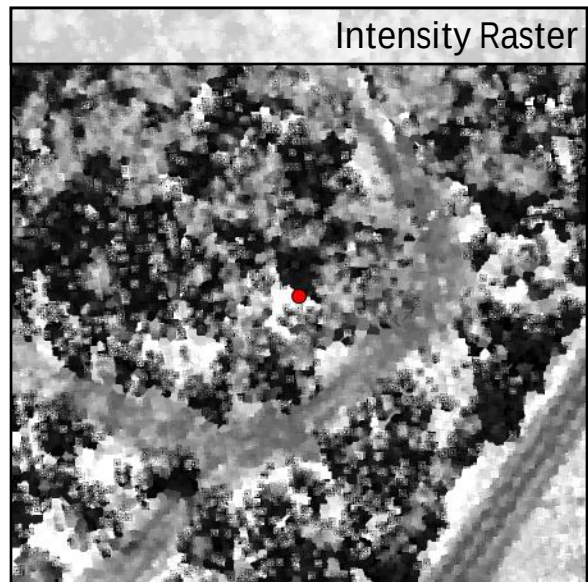
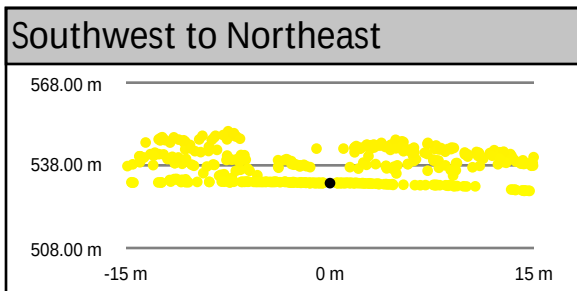
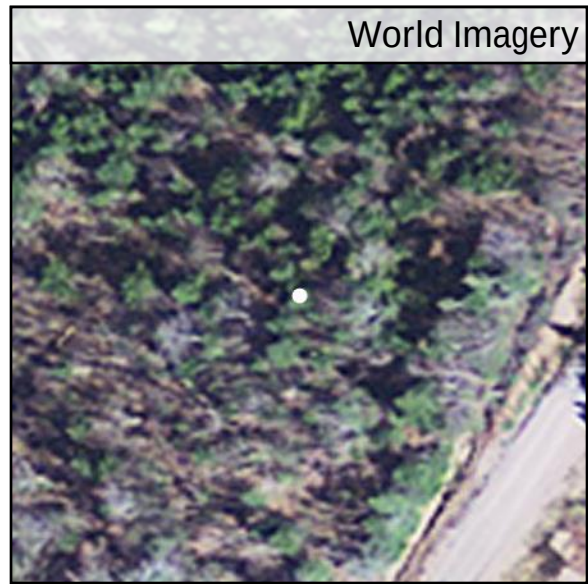
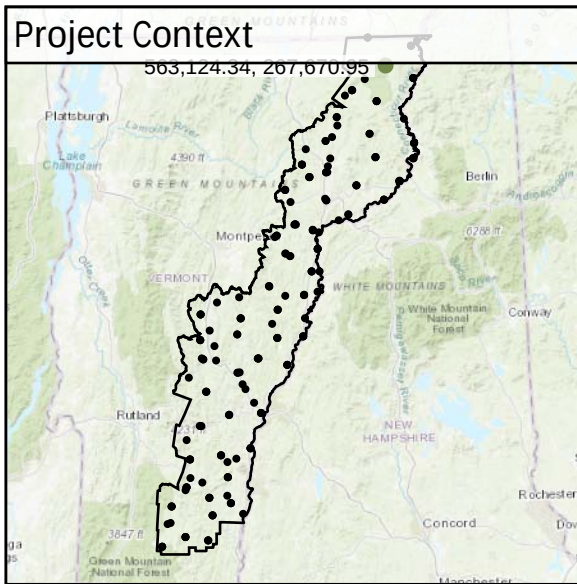
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|------|------------|----------|----------------|-----------|
| FO50 | Known Z    | 321.74 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.28 m   | Ground Density | 0.28 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.68 °    |



DEM Dz +0.28 m

VWA - FO50

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO51 | Known Z    | 531.54 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.21 °    |

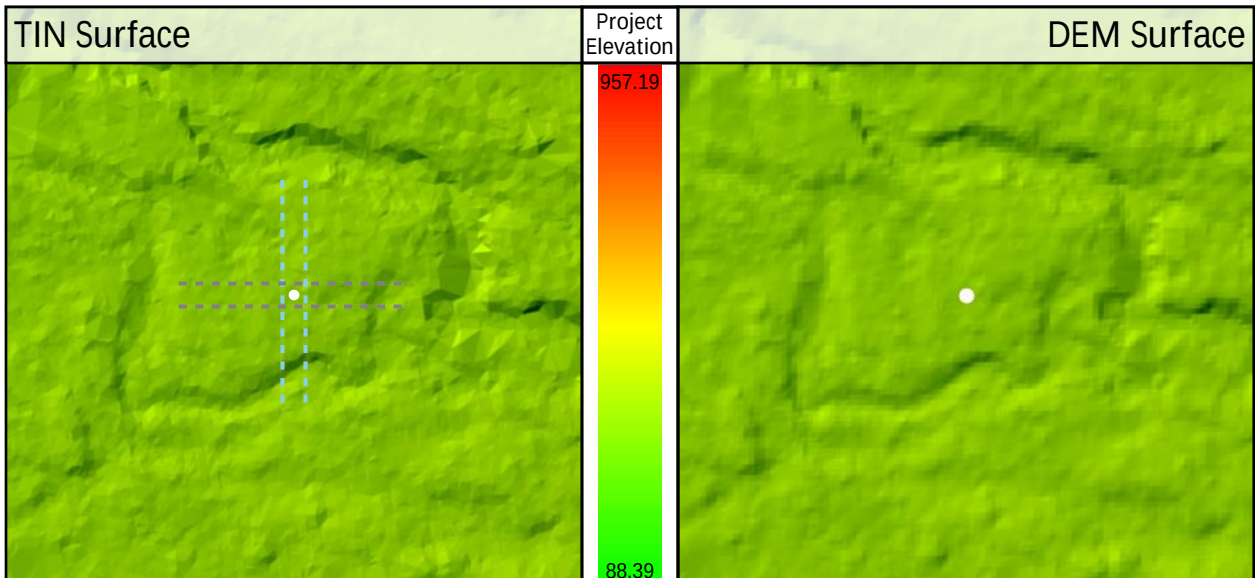
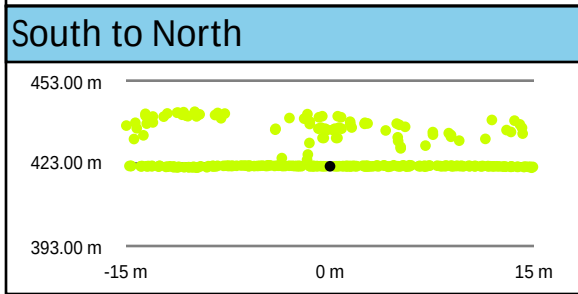
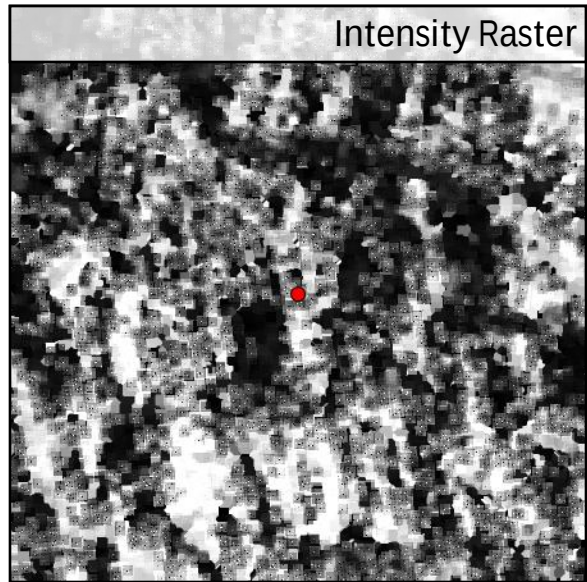
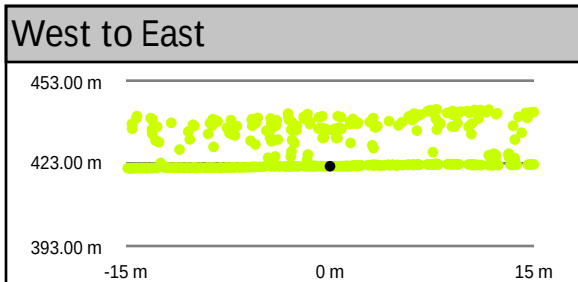
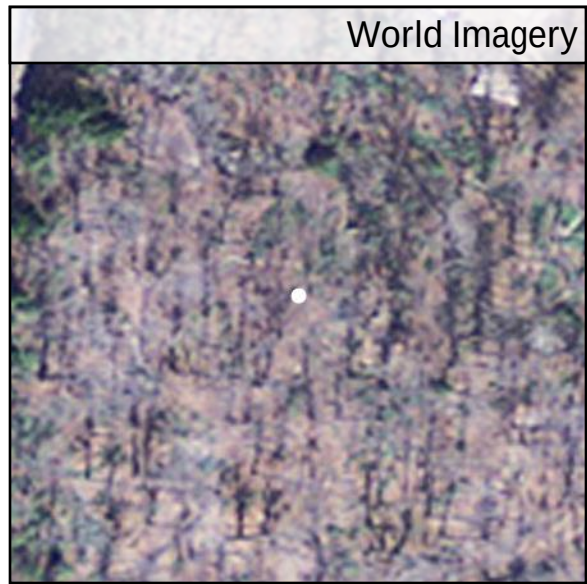
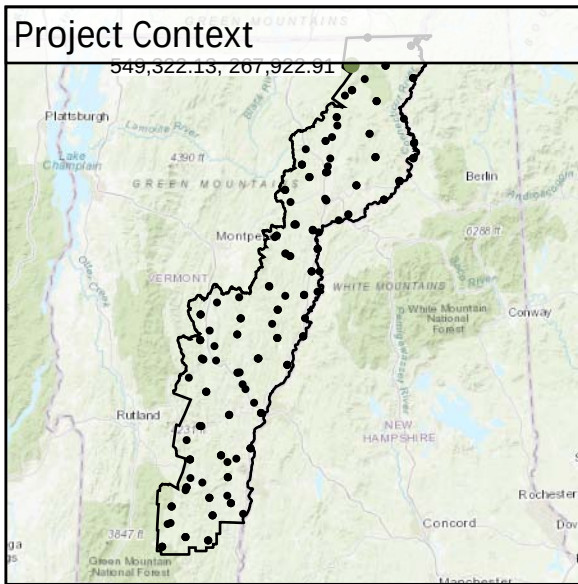


DEM Dz +0.03 m

VWA - FO51



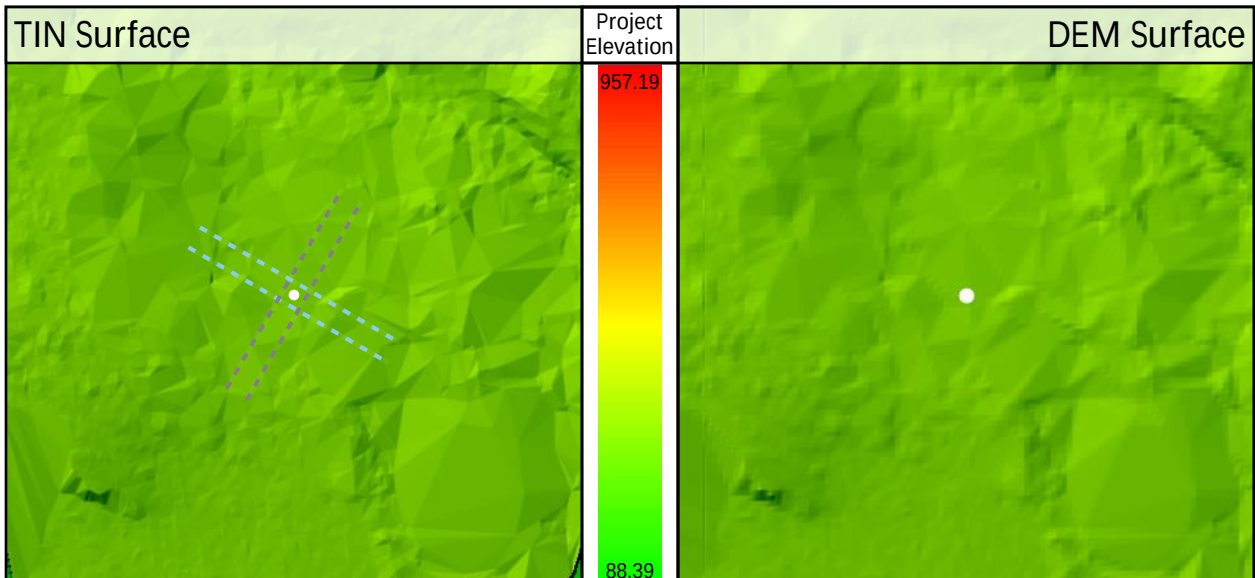
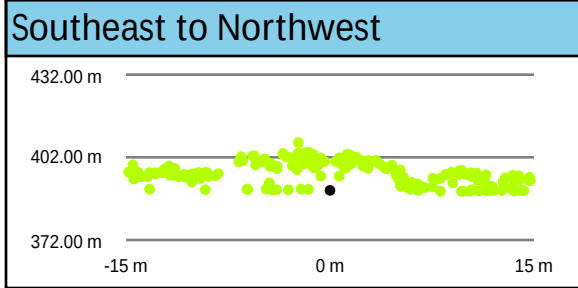
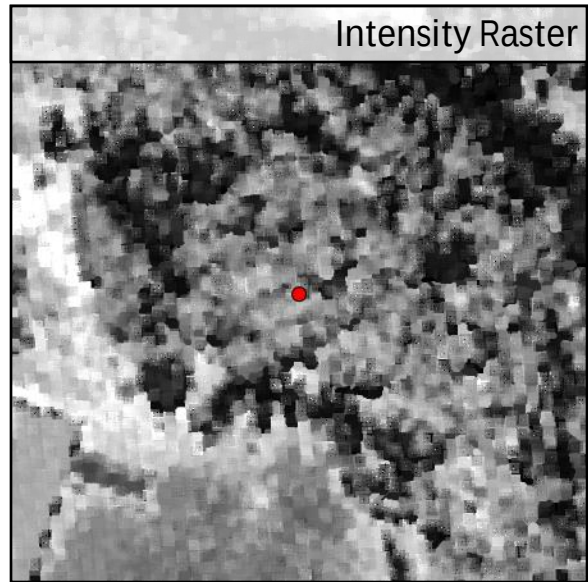
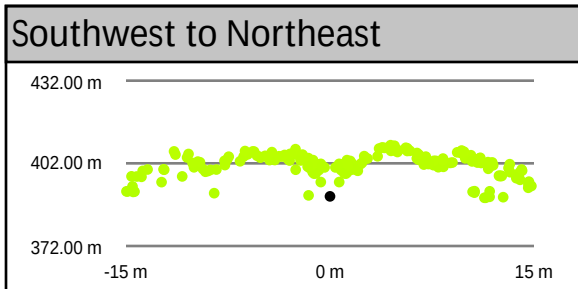
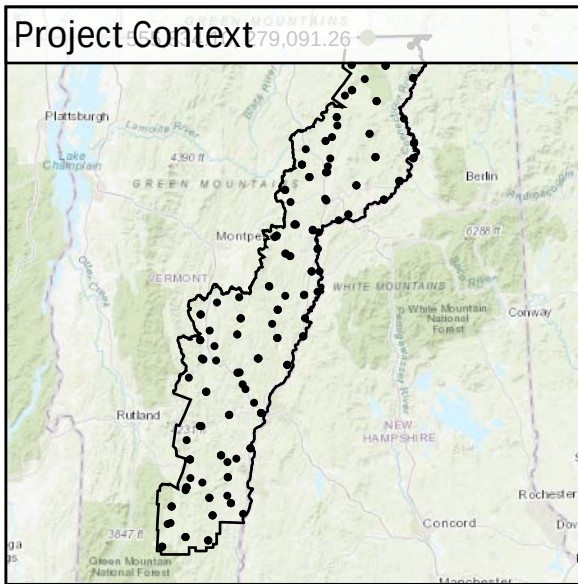
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|------|------------|----------|----------------|-----------|
| FO52 | Known Z    | 421.93 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.84 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.74 °    |



DEM Dz +0.02 m

VWA - FO52

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO53 | Known Z    | 390.01 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.19 m   | Ground Density | 0.04 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 7.21 °    |

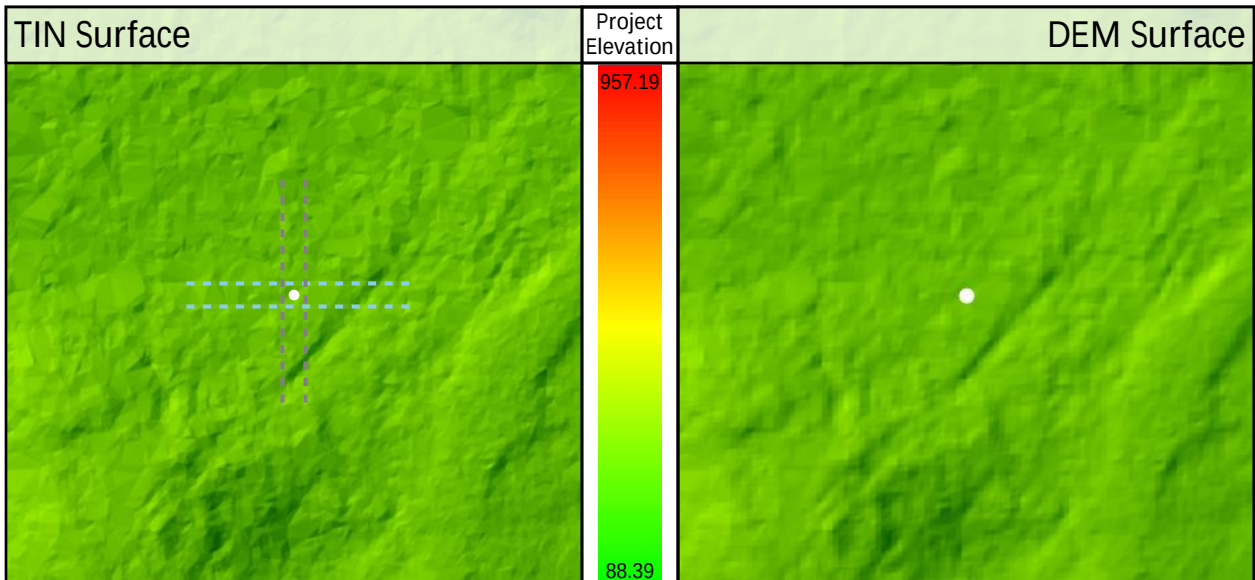
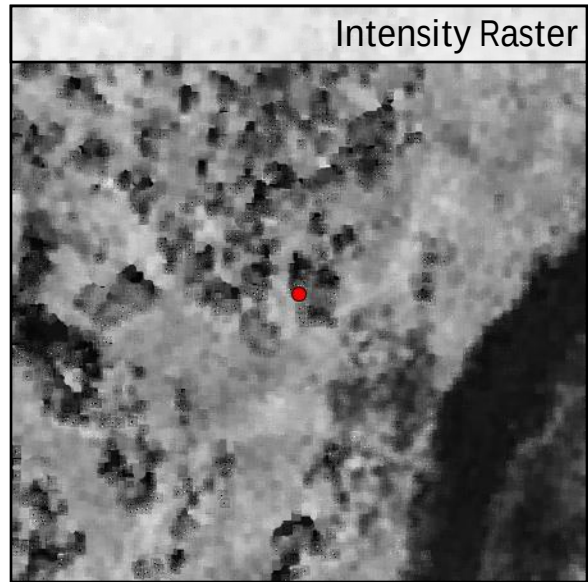
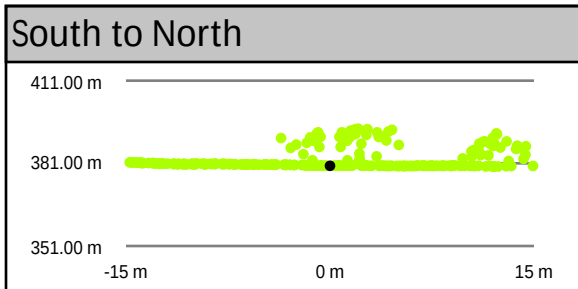
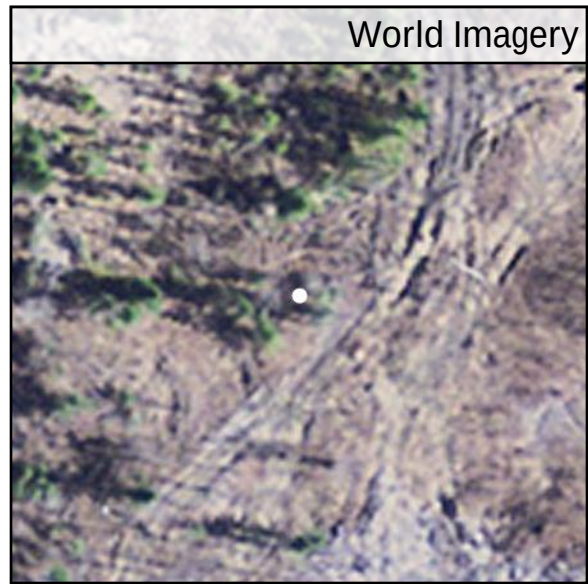
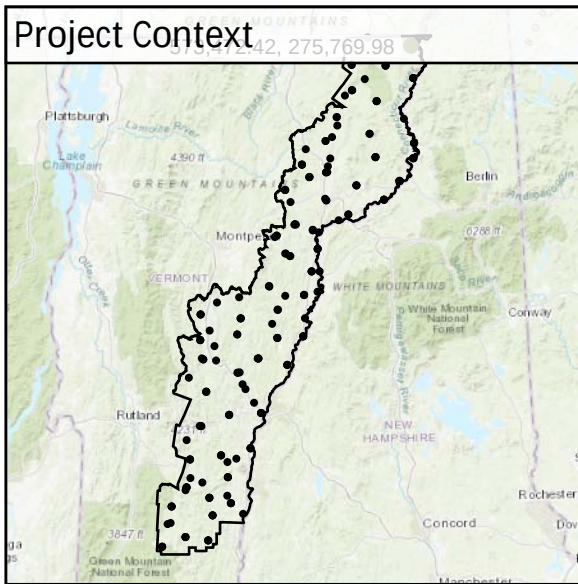


DEM Dz +0.19 m

VWA - FO53



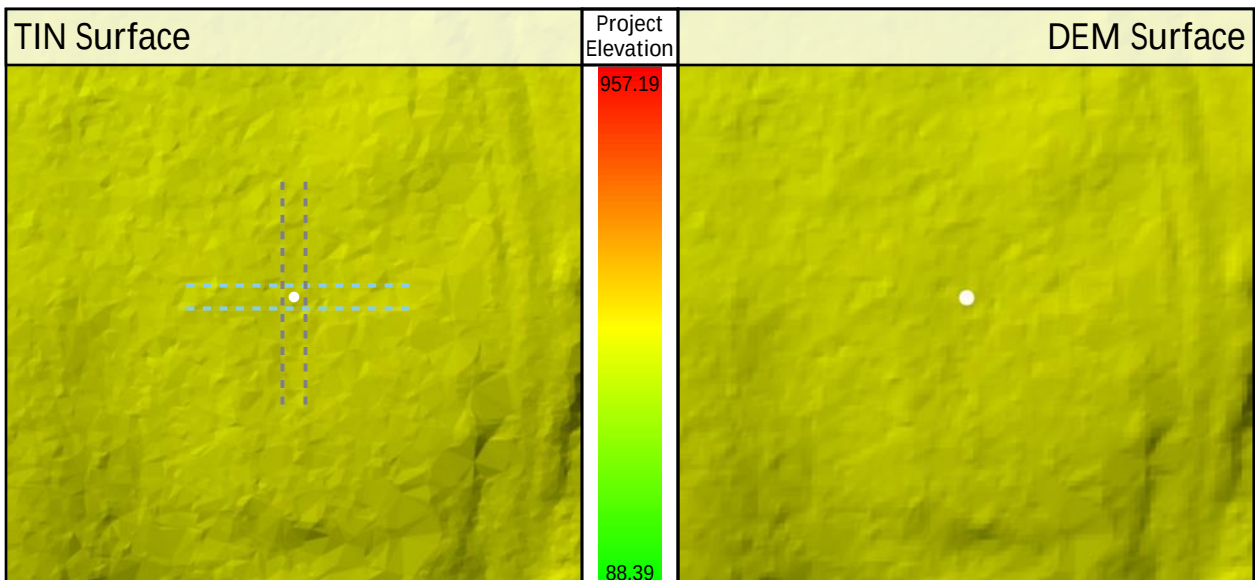
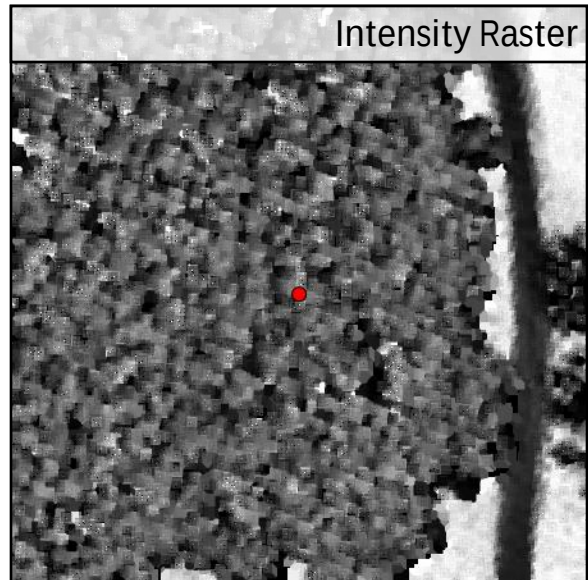
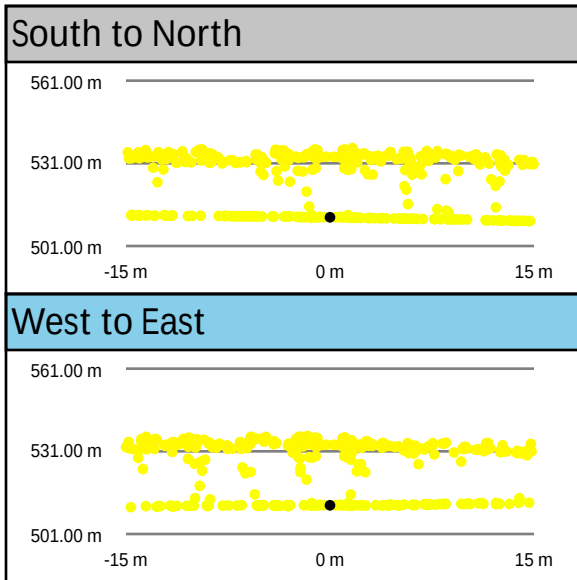
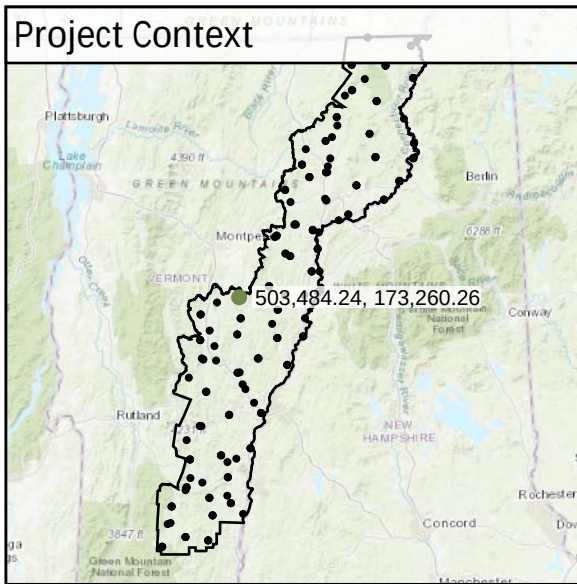
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO54 | Known Z    | 380.10 m | Point Density  | 2.41 ppsm |
|      | DEM Dz     | 0.07 m   | Ground Density | 1.38 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.47 °    |



DEM Dz +0.07 m

VVA - FO54

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO55 | Known Z    | 511.42 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 0.95 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.46 °    |

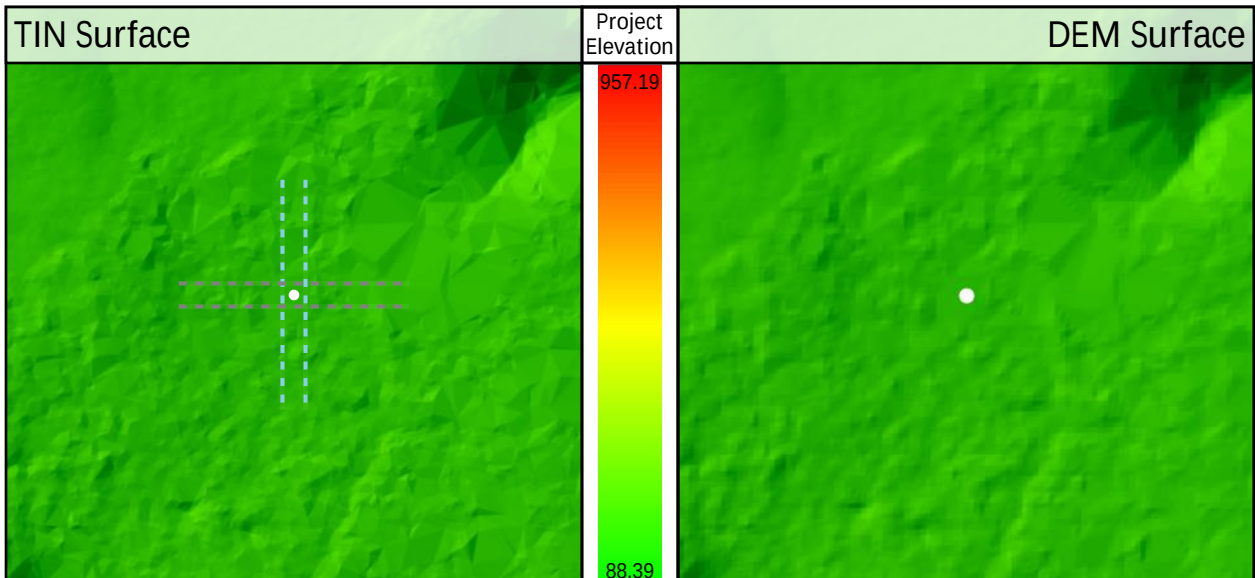
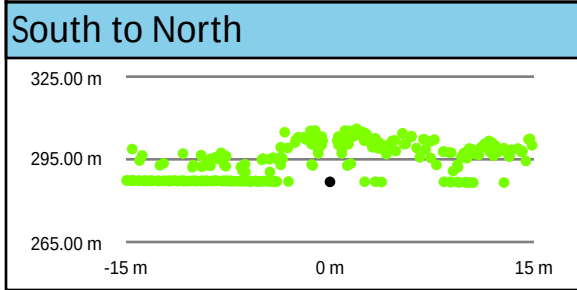
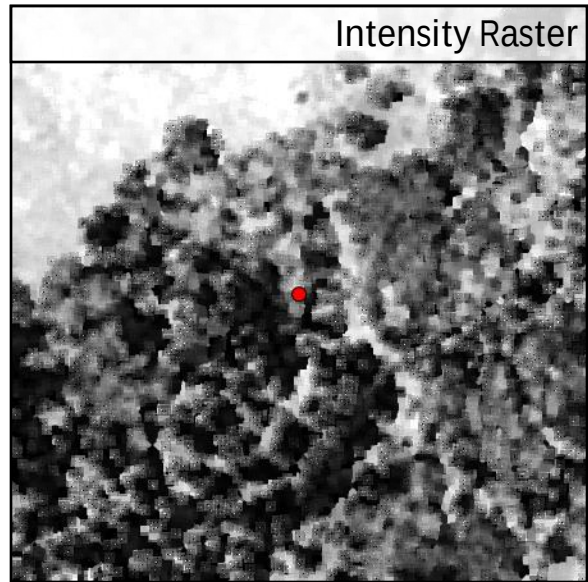
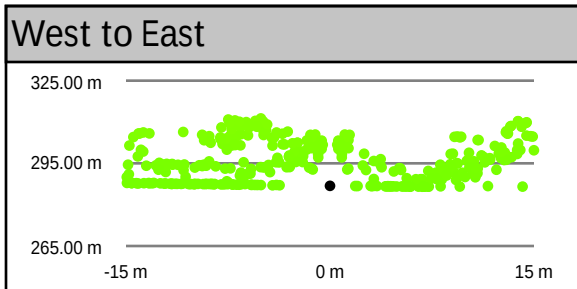
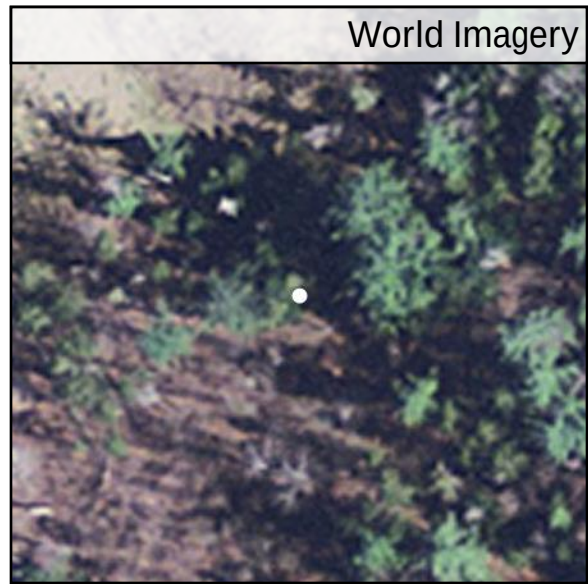
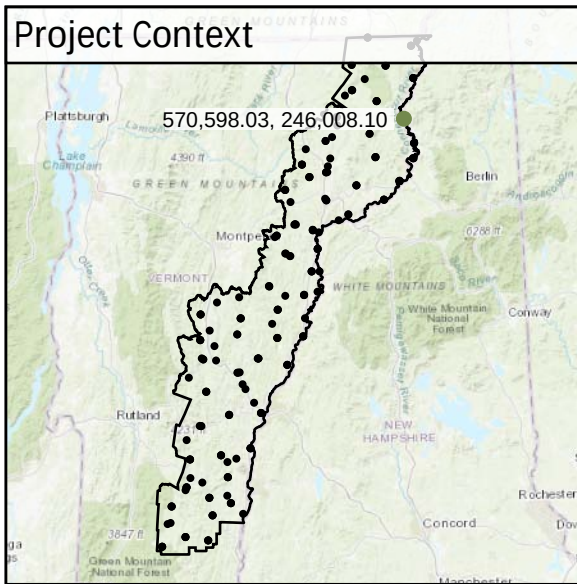


DEM Dz -0.02 m

VWA - FO55



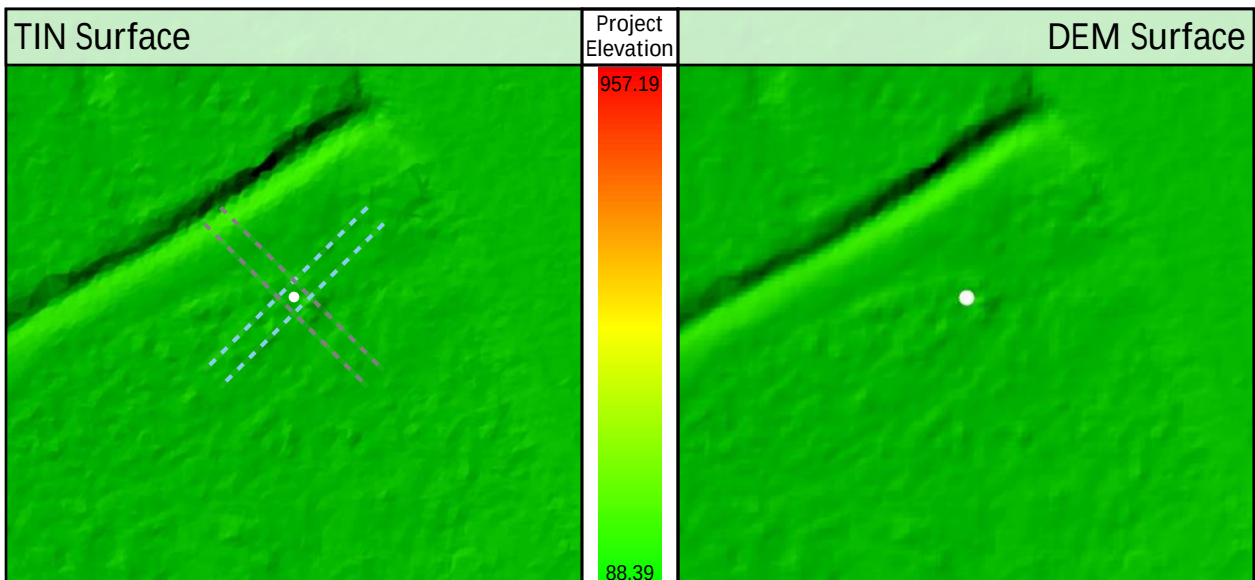
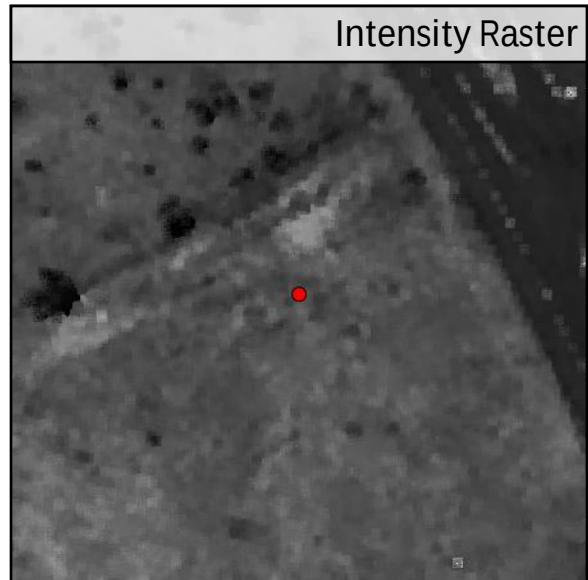
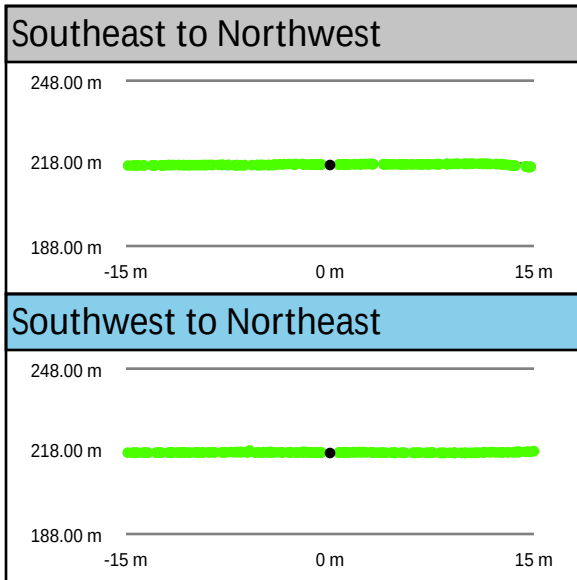
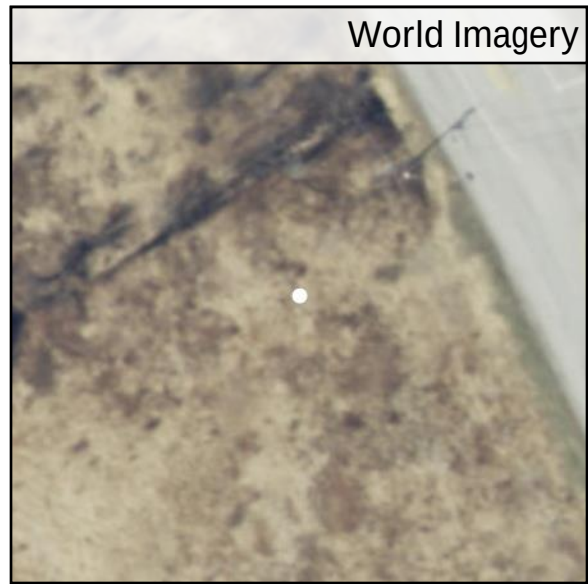
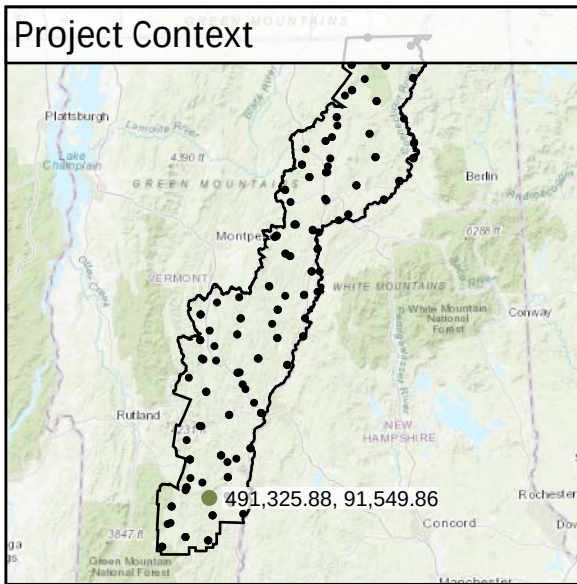
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| FO56 | Known Z    | 286.83 m | Point Density  | 1.52 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 0.25 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.05 °    |



DEM Dz +0.04 m

VWA - FO56

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| SH01 | Known Z    | 217.39 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.16 m   | Ground Density | 1.63 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.28 °    |

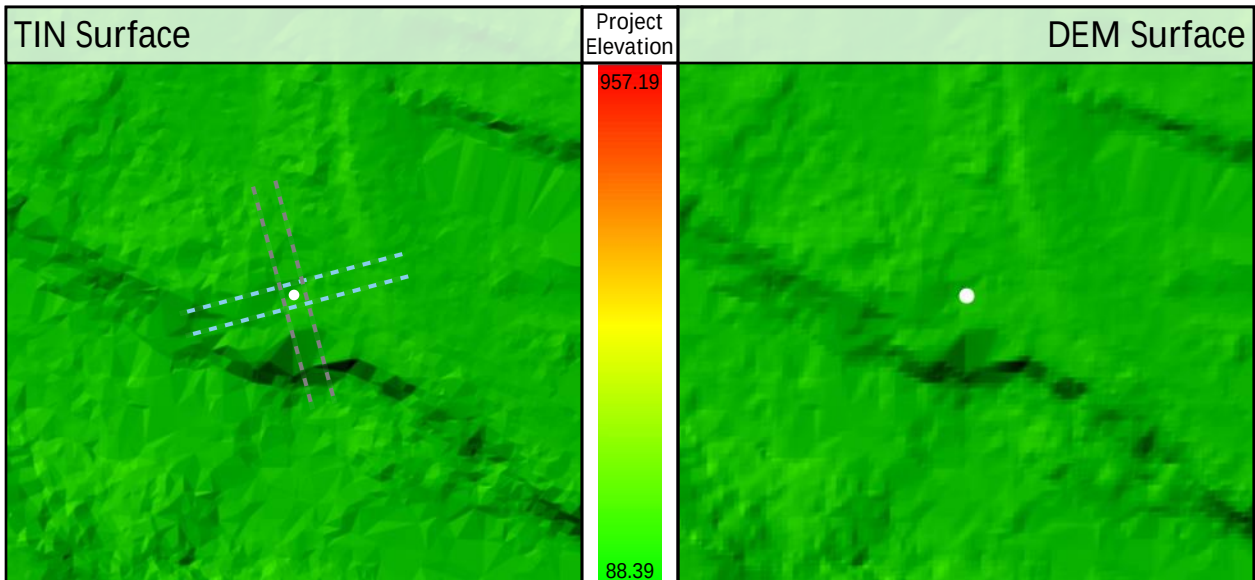
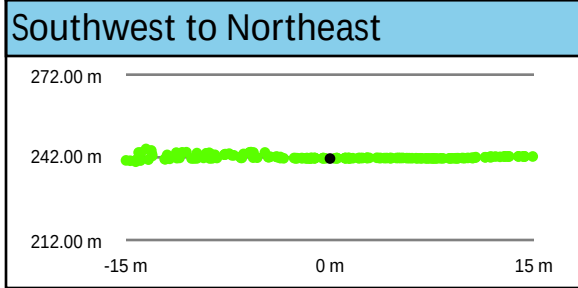
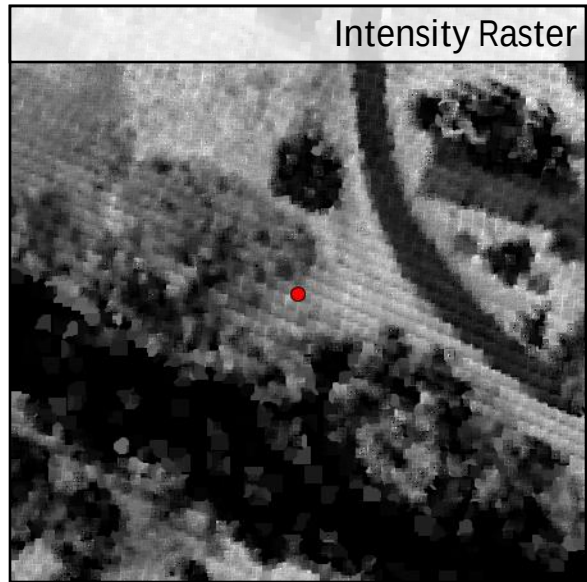
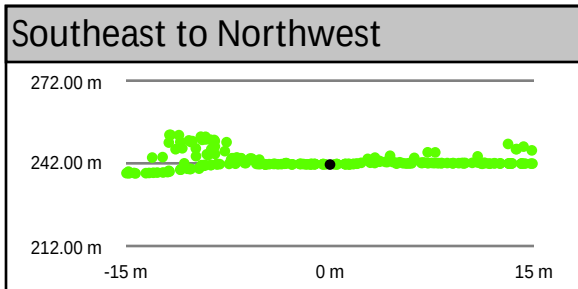
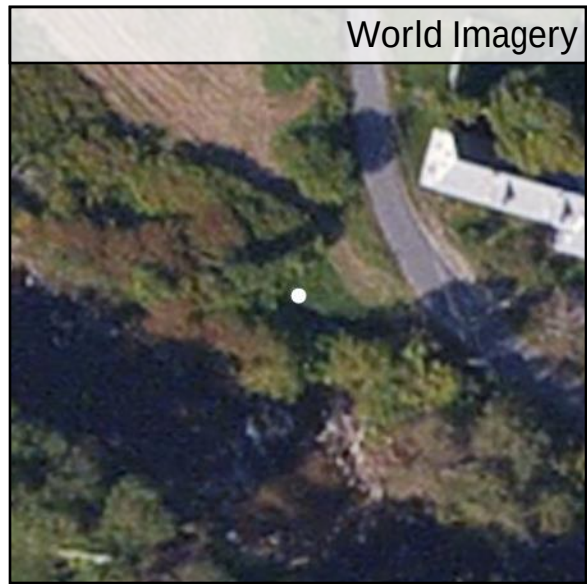
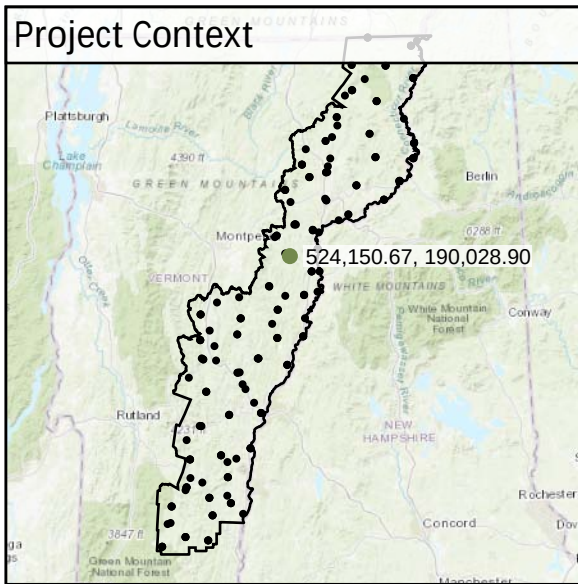


DEM Dz +0.16 m

VWA - SH01



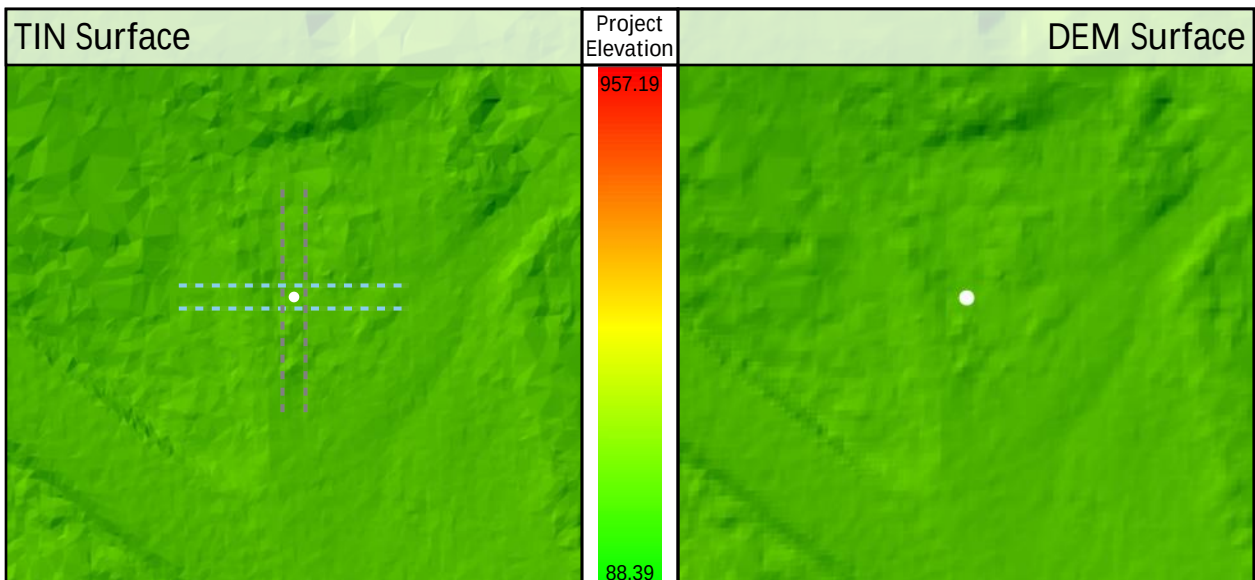
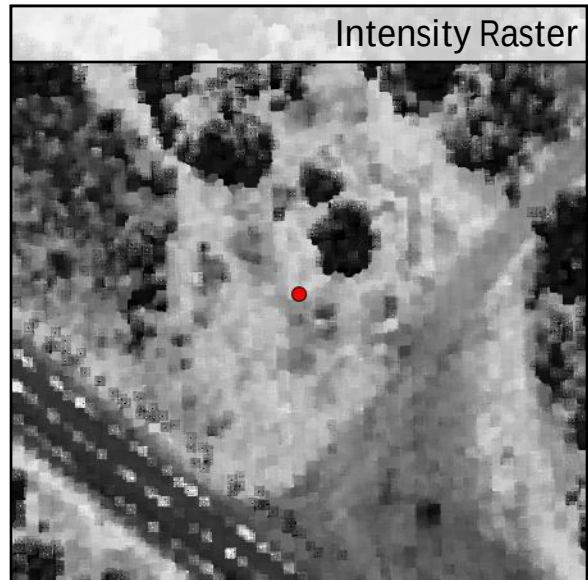
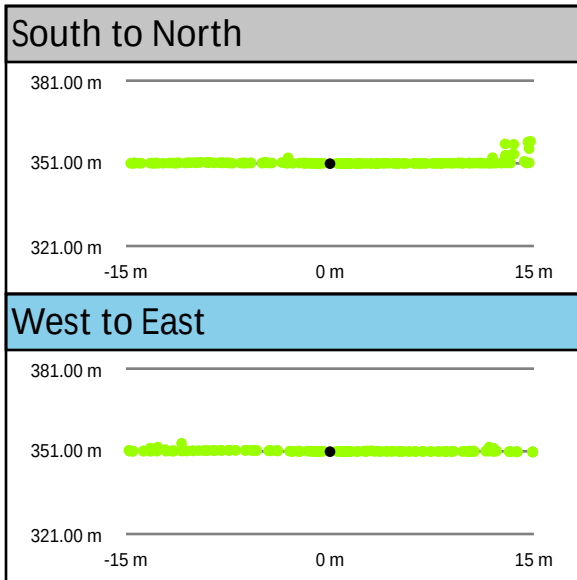
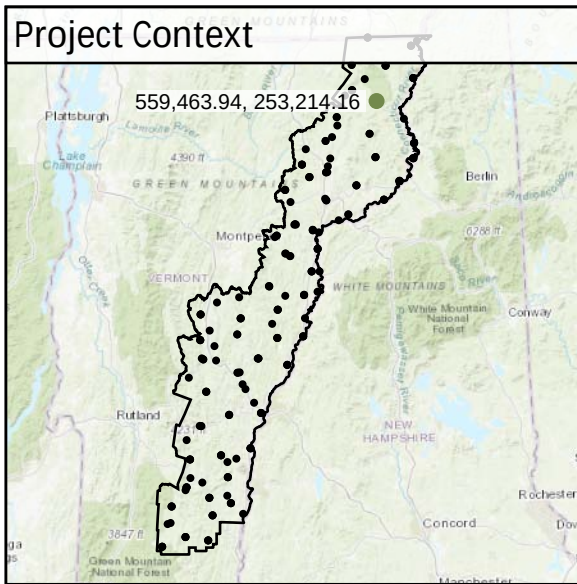
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| SH02 | Known Z    | 241.56 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.56 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 1.69 °    |



DEM Dz +0.08 m

VVA - SH02

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| SH03 | Known Z    | 350.88 m | Point Density  | 1.59 ppsm |
|      | DEM Dz     | 0.10 m   | Ground Density | 1.52 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 4.47 °    |

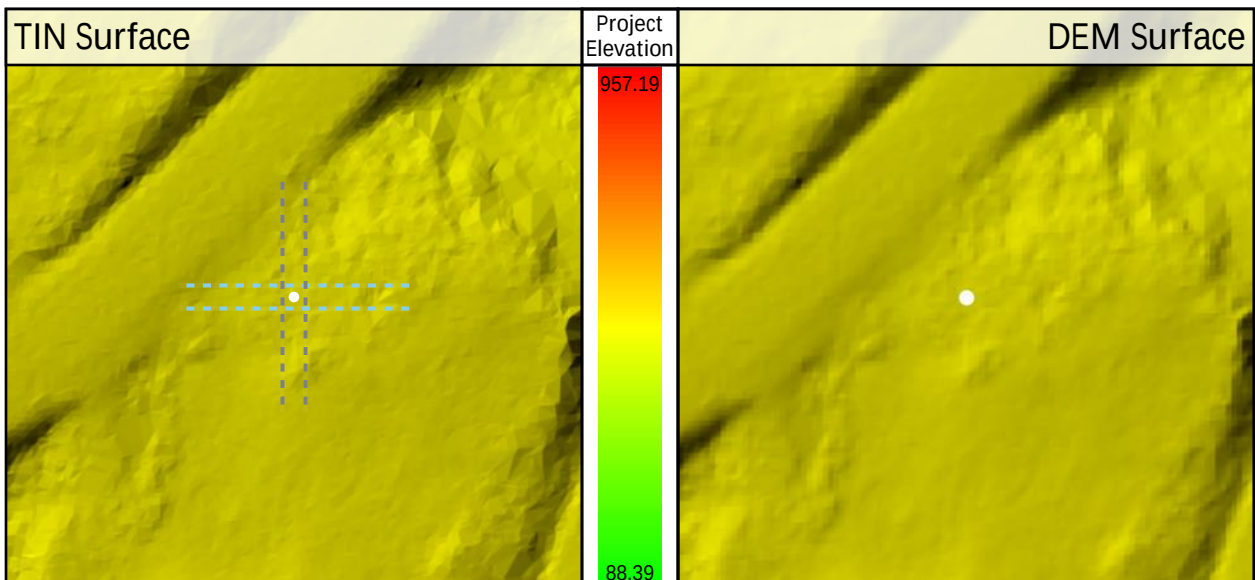
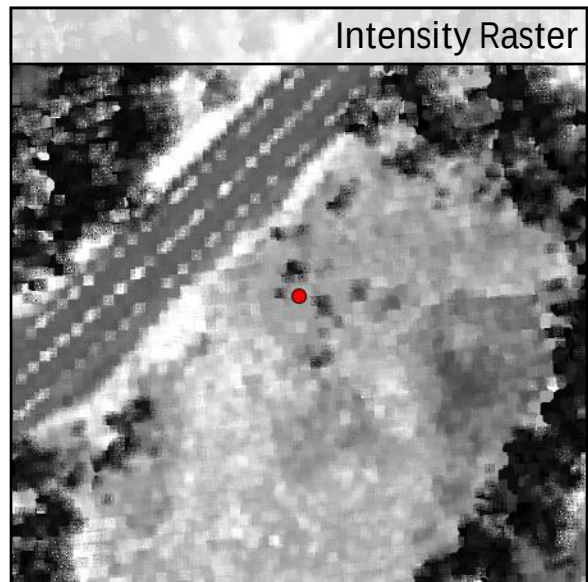
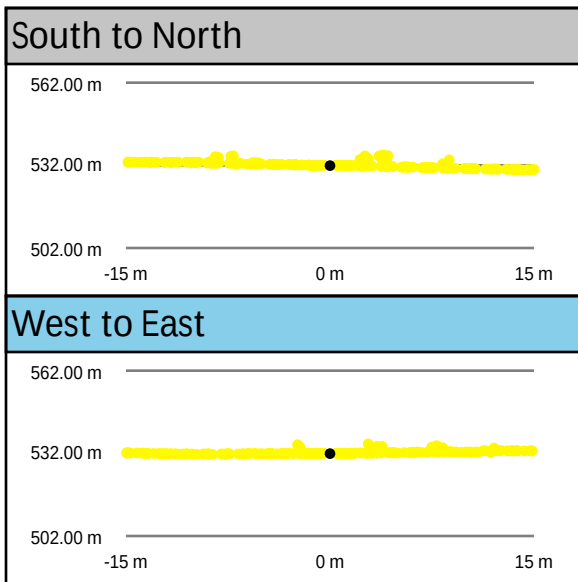
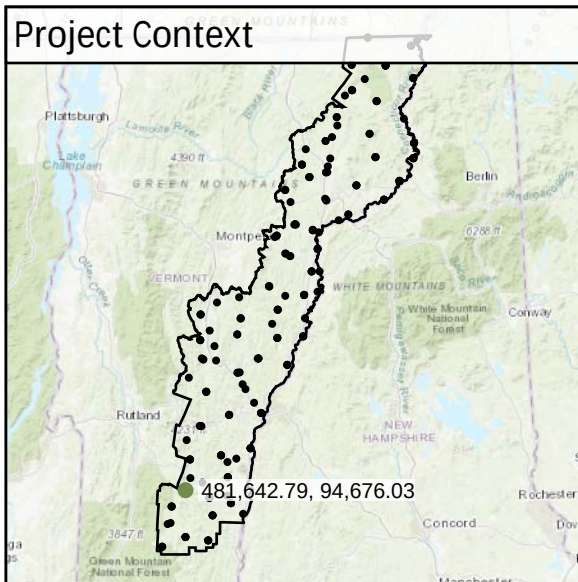


DEM Dz +0.10 m

VVA - SH03

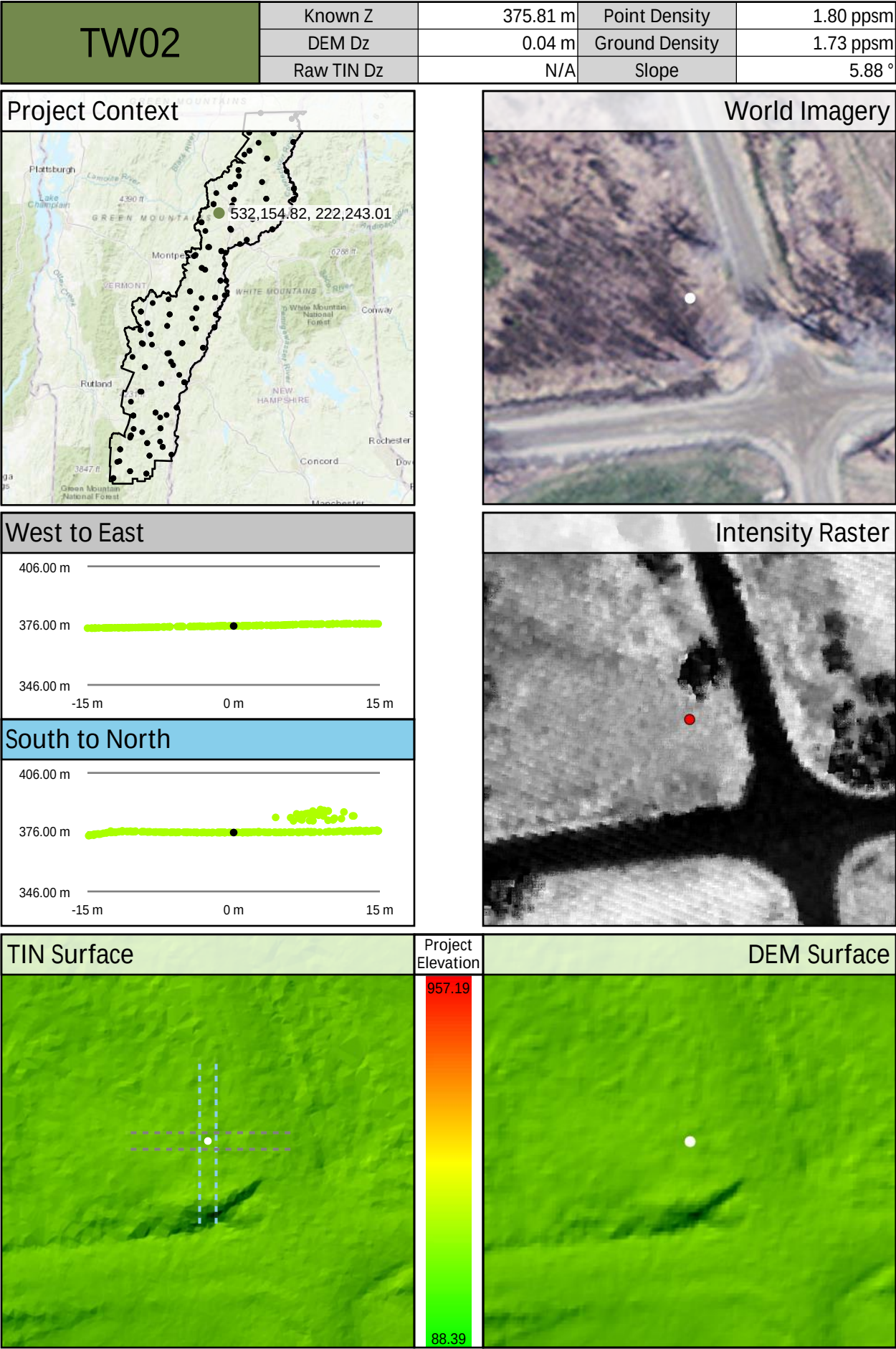


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW01 | Known Z    | 531.89 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.09 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 5.63 °    |



DEM Dz +0.09 m

VWA - TW01

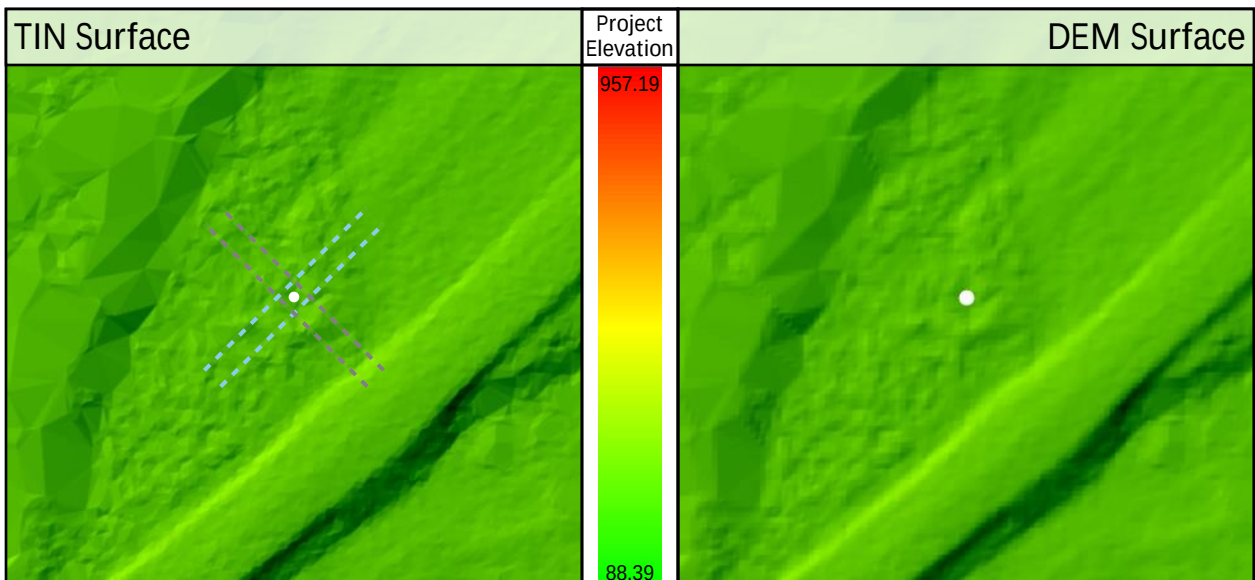
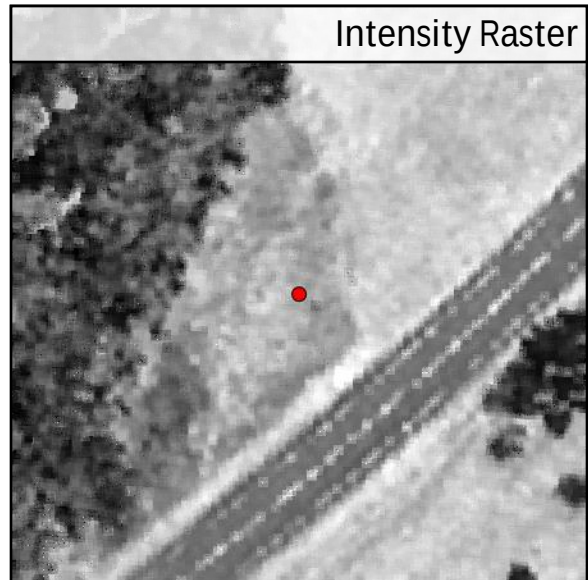
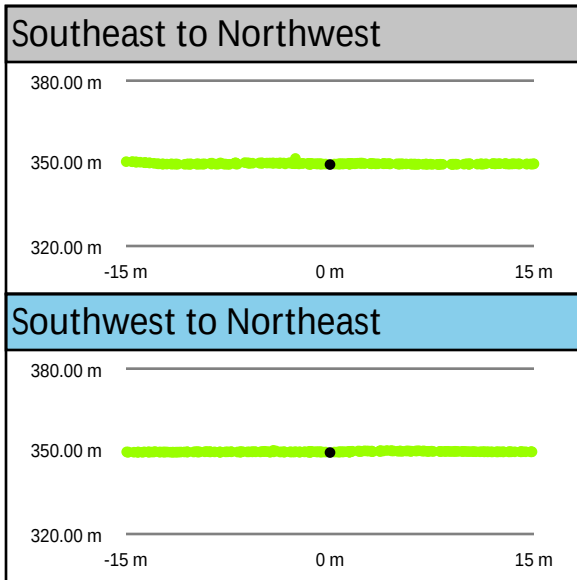
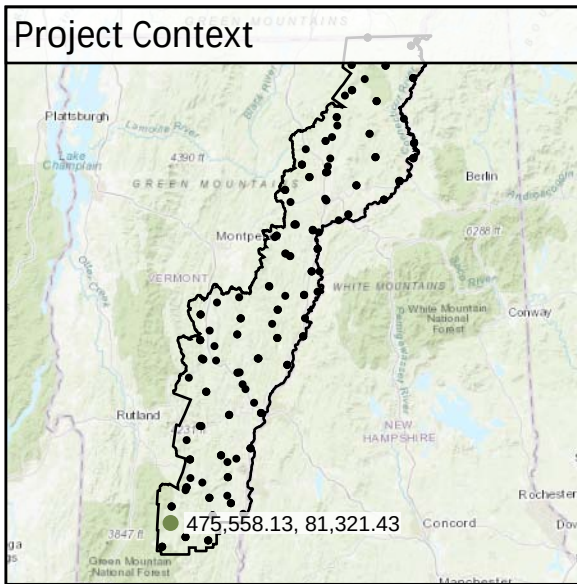


DEM Dz +0.04 m

VWA - TW02



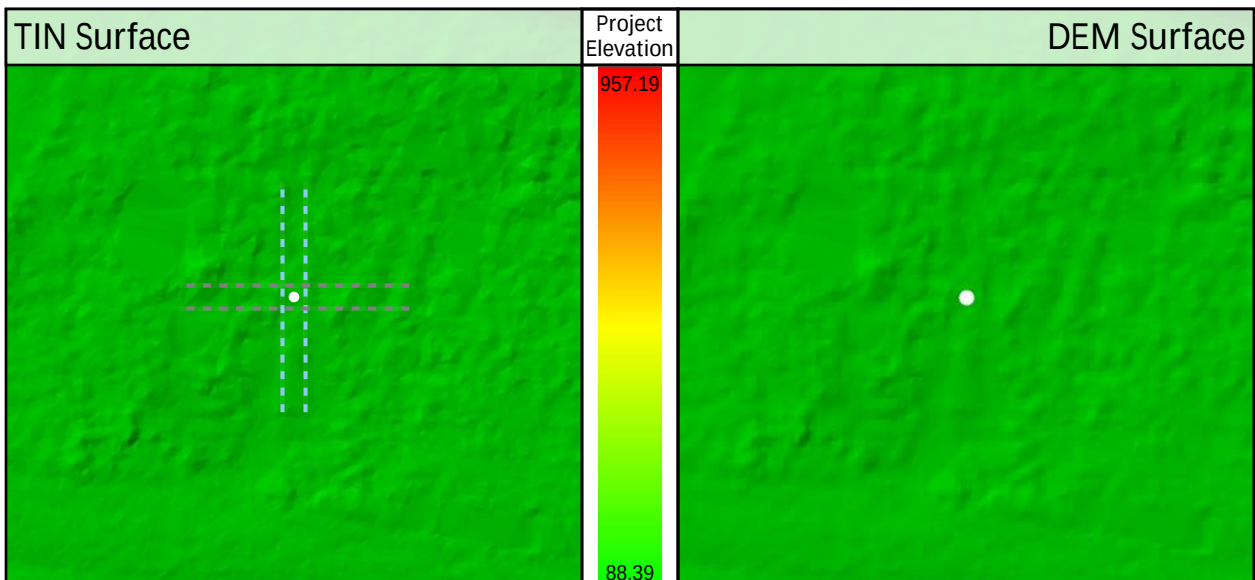
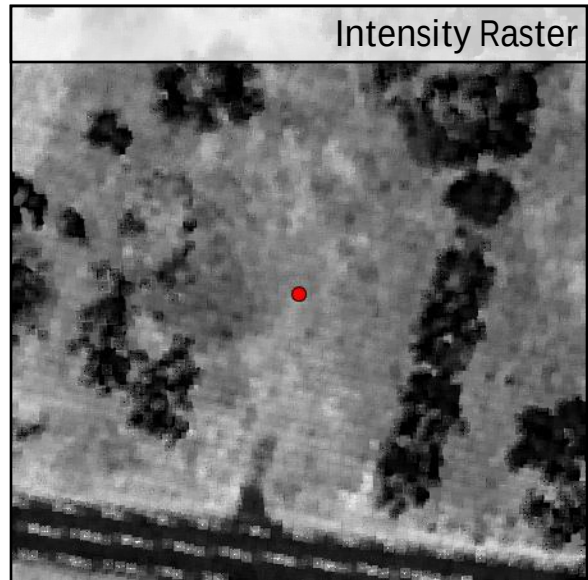
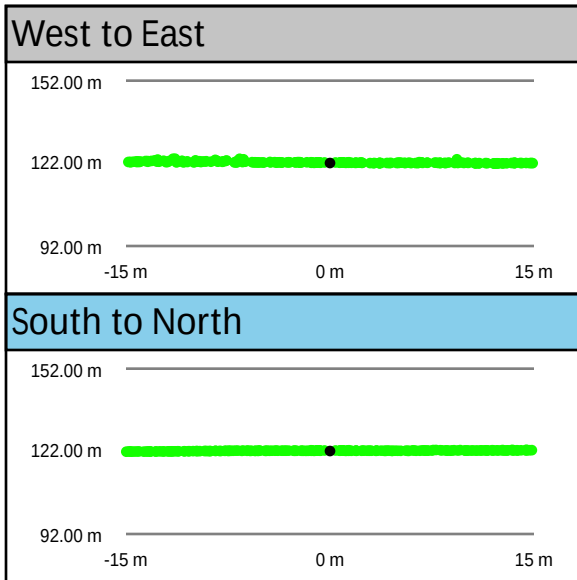
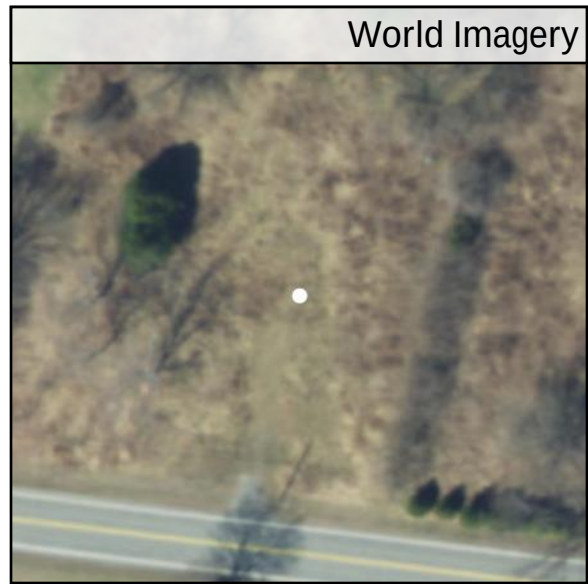
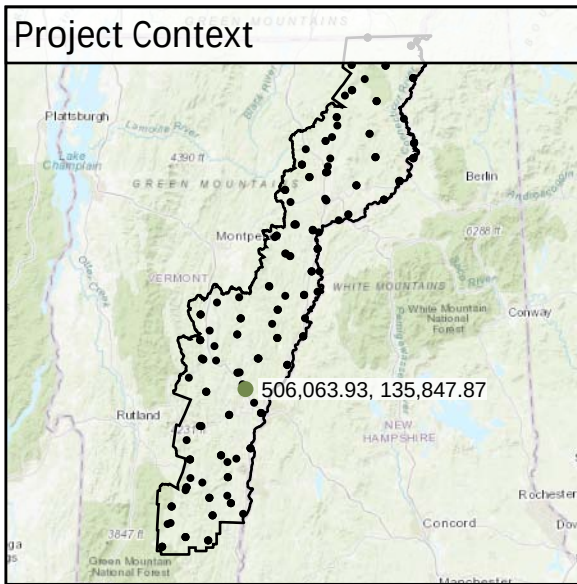
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW03 | Known Z    | 349.56 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.19 m   | Ground Density | 1.31 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.15 °    |



DEM Dz +0.19 m

VWA - TW03

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW04 | Known Z    | 122.11 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.15 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.16 °    |

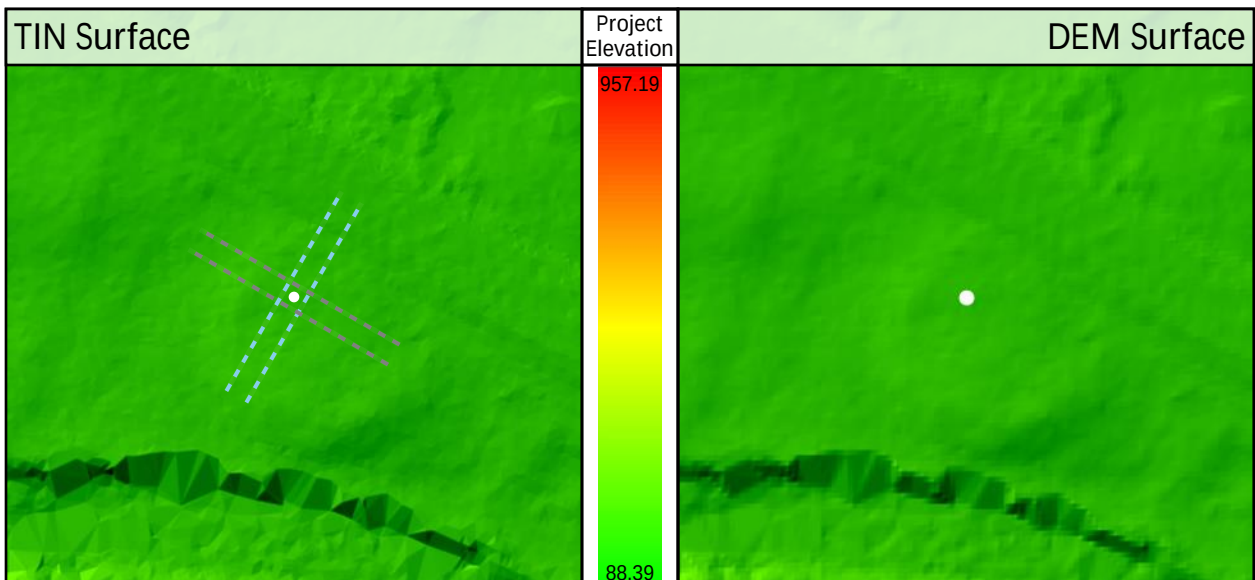
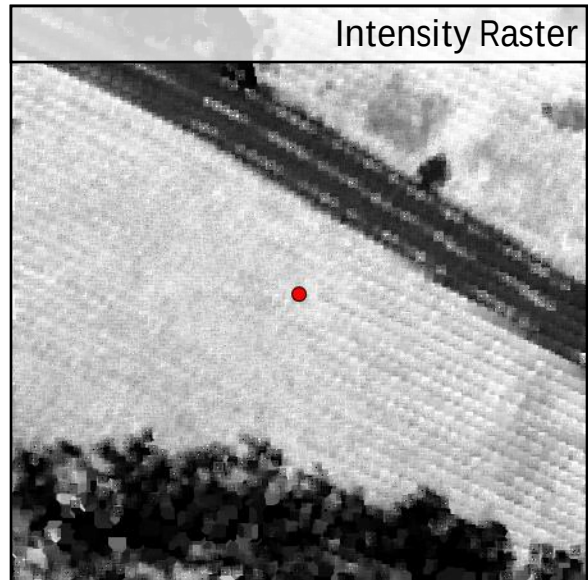
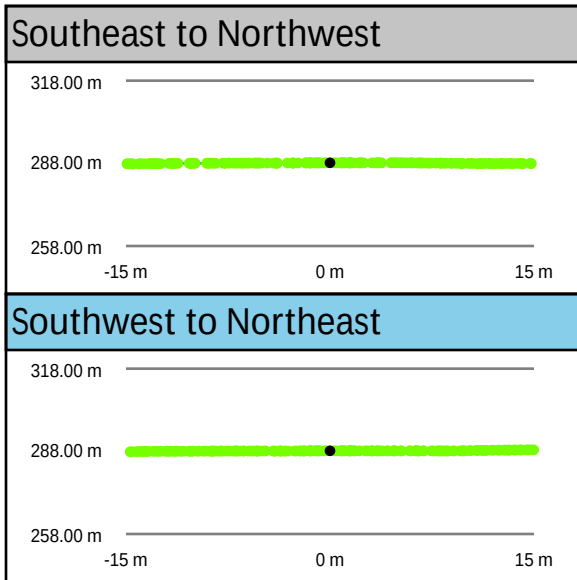
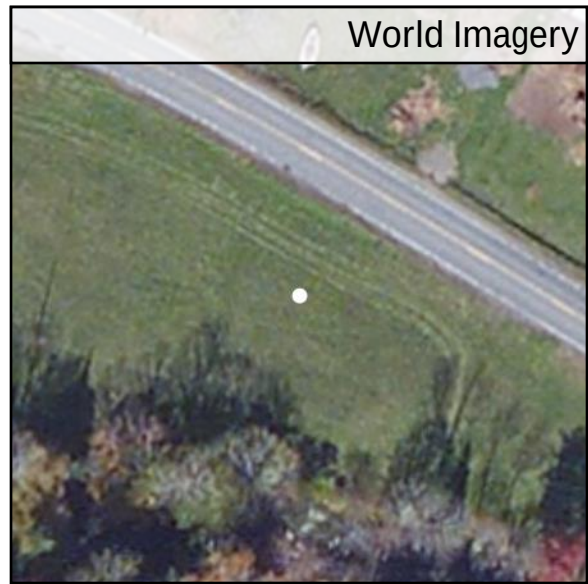
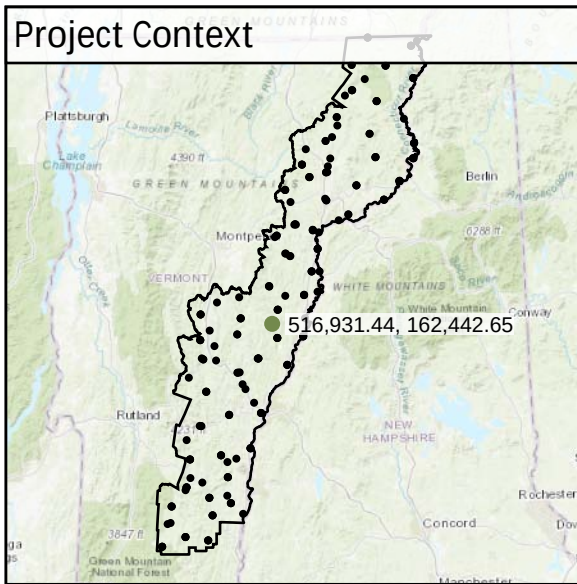


DEM Dz +0.15 m

VWA - TW04



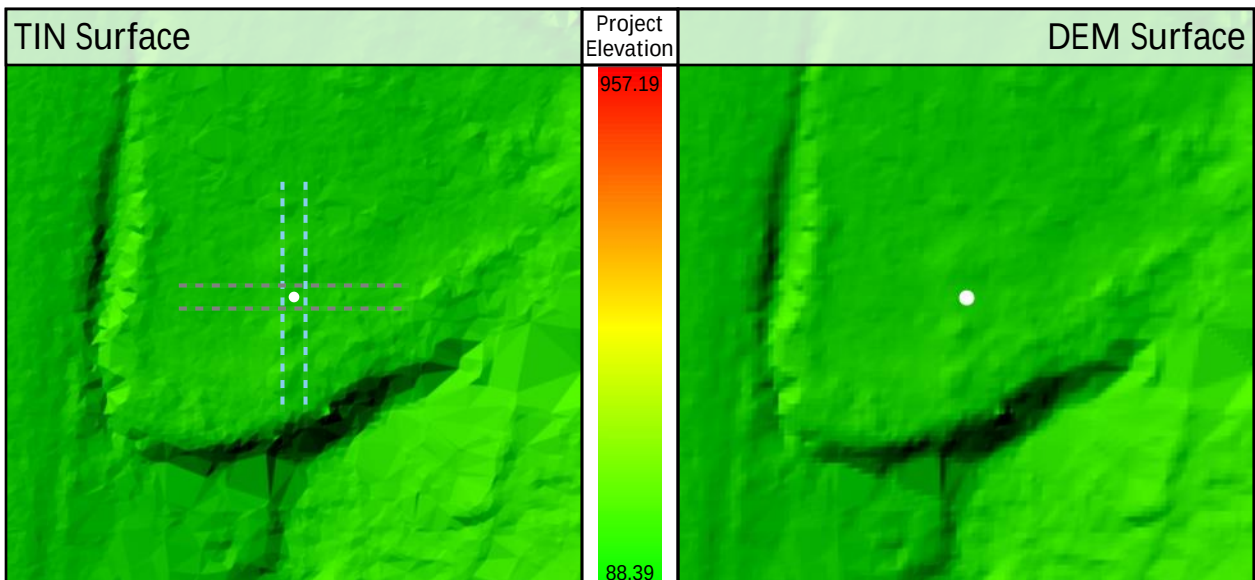
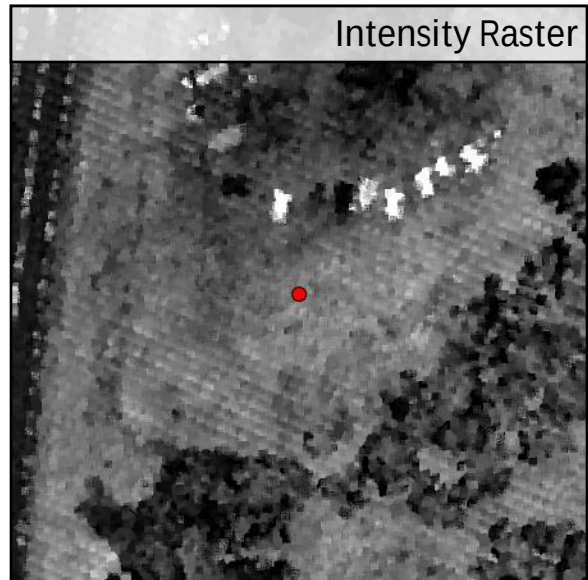
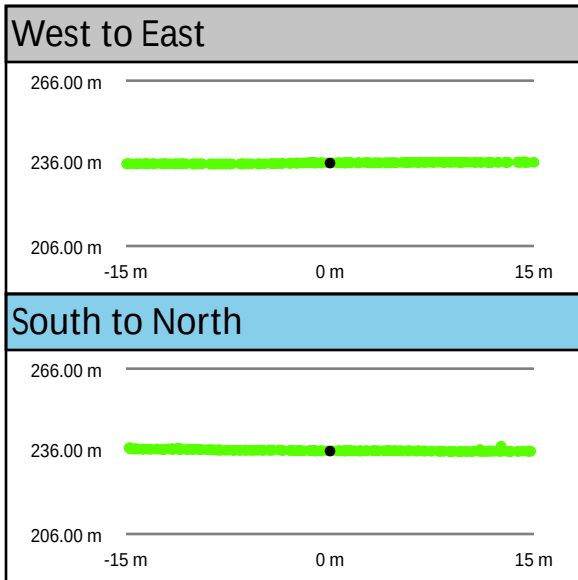
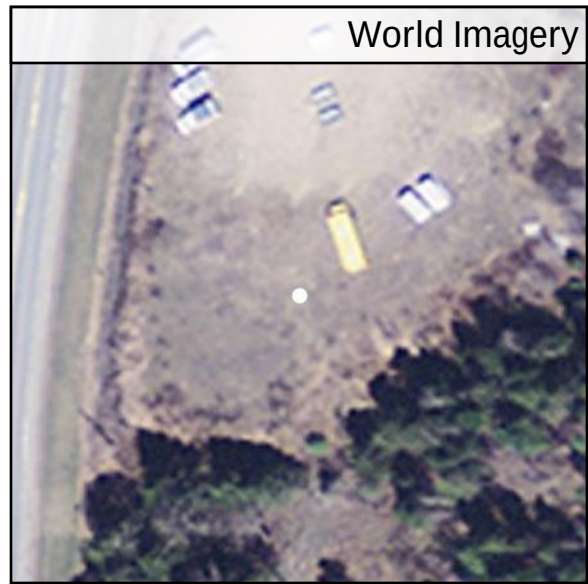
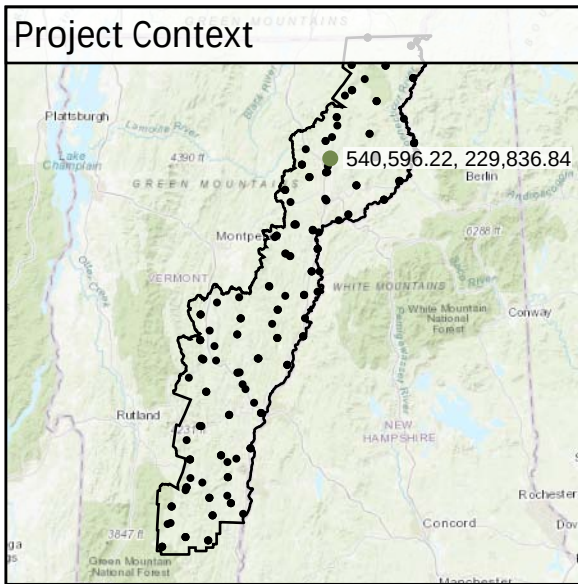
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW05 | Known Z    | 288.20 m | Point Density  | 1.70 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.70 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 0.83 °    |



DEM Dz -0.02 m

VWA - TW05

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW06 | Known Z    | 236.10 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 2.23 °    |

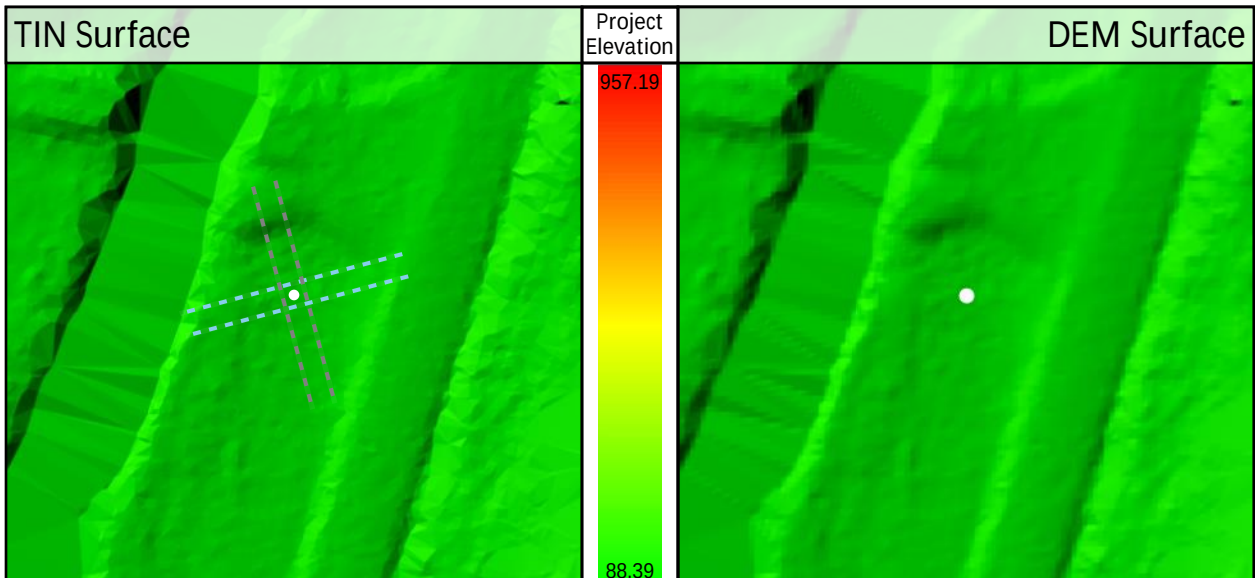
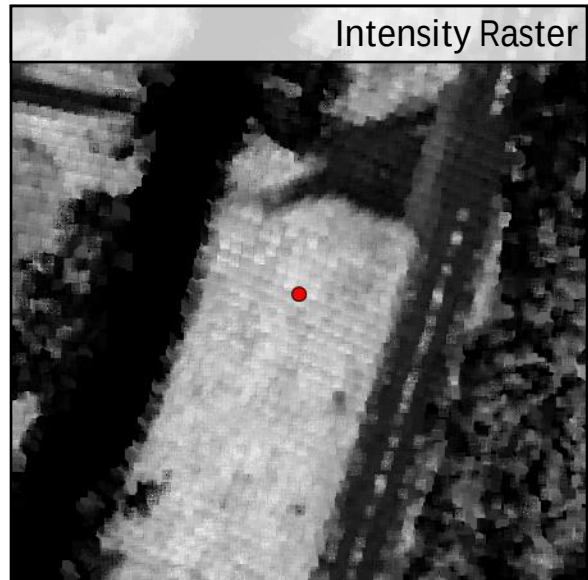
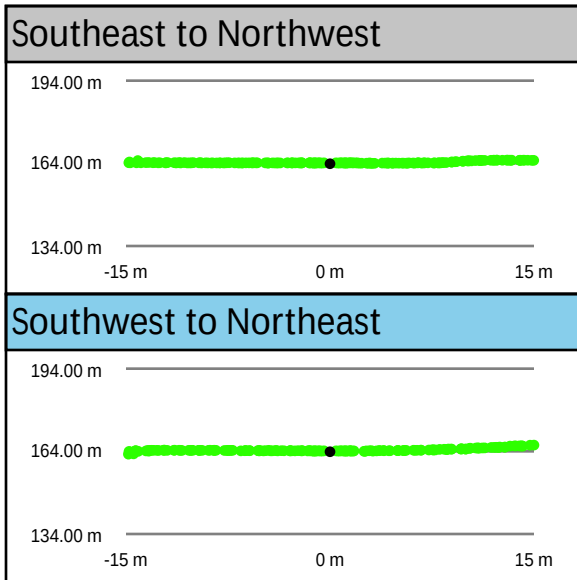
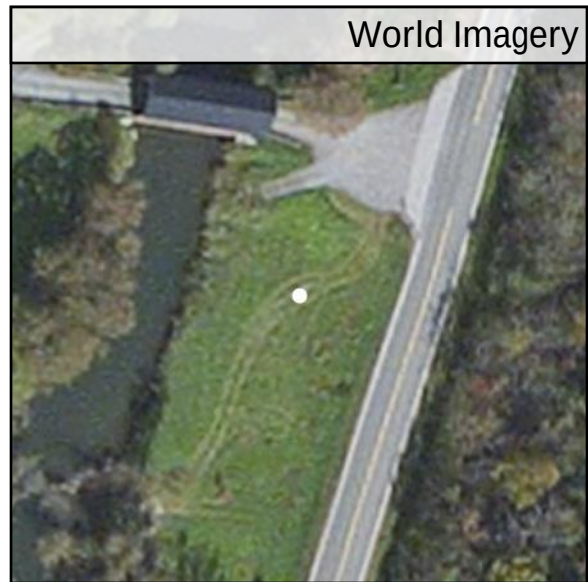
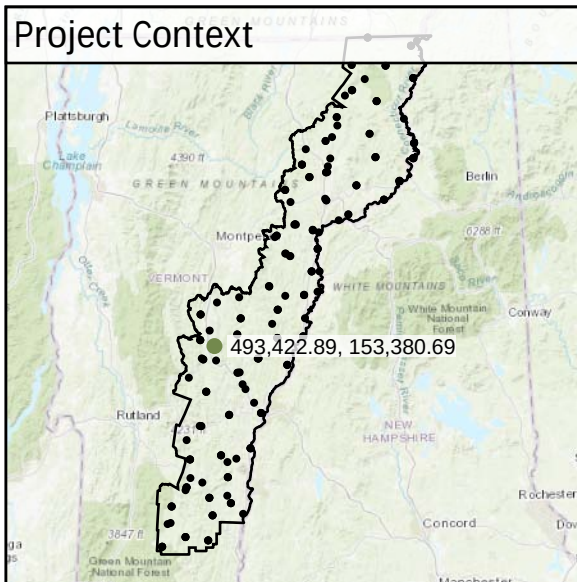


DEM Dz +0.08 m

VWA - TW06



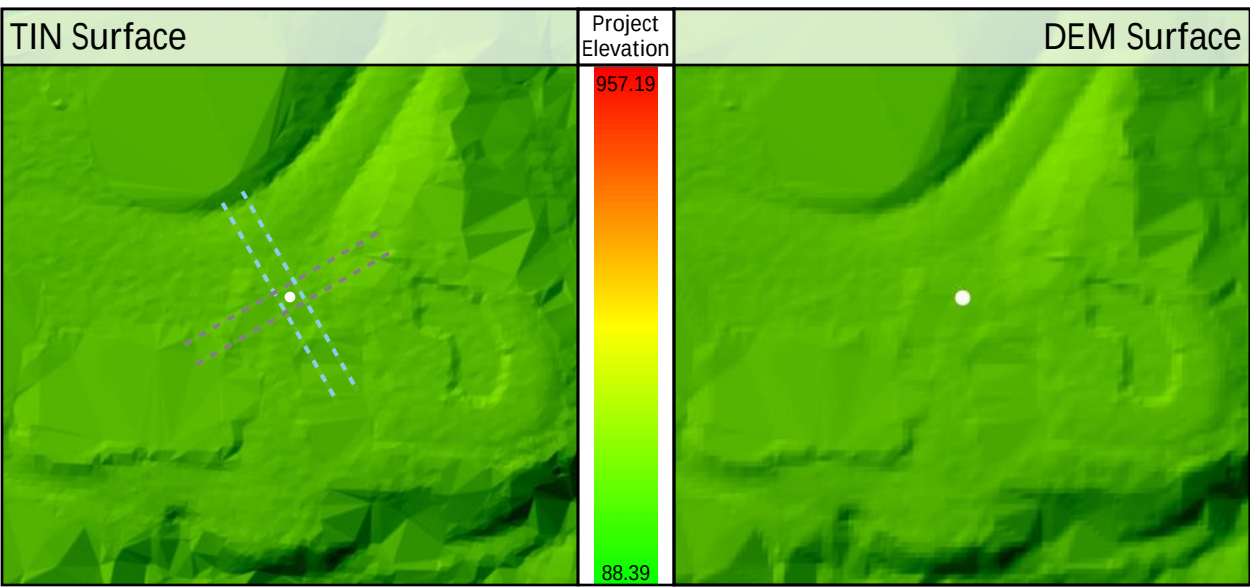
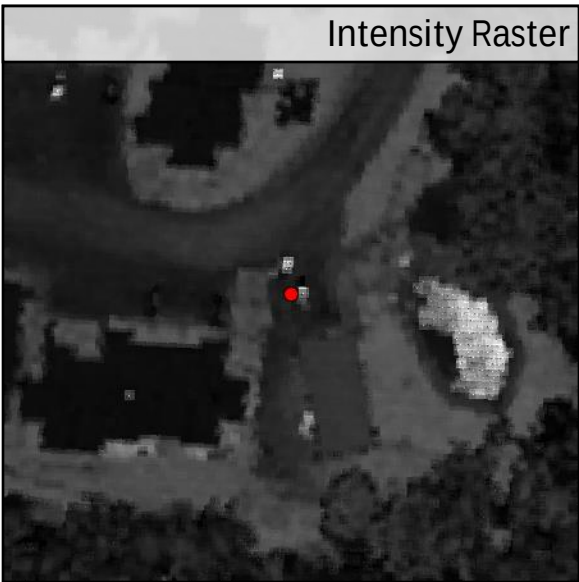
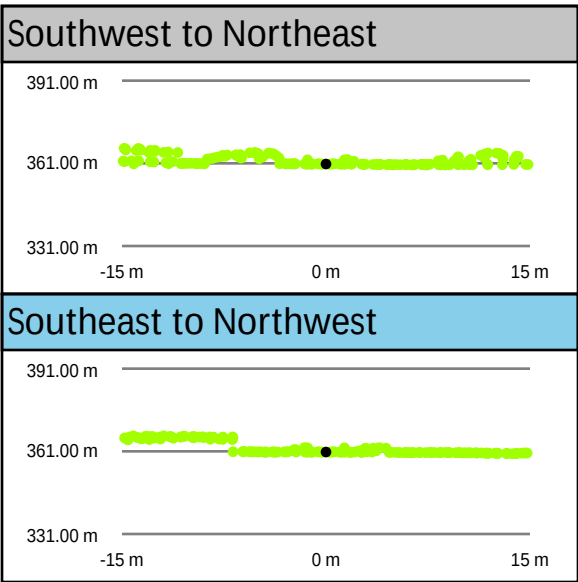
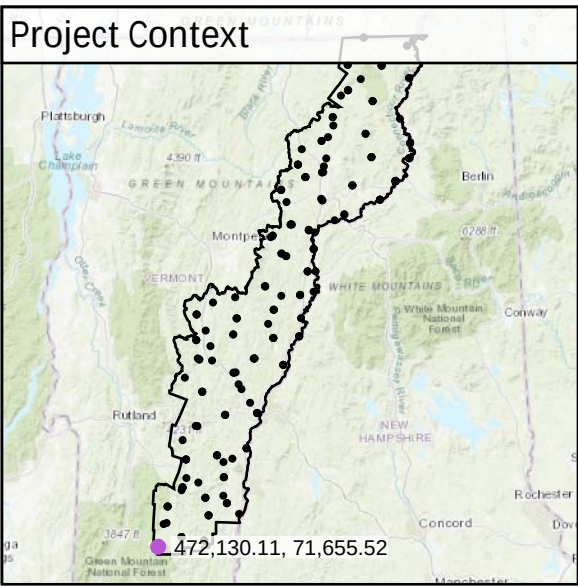
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| TW07 | Known Z    | 163.85 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.30 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | N/A      | Slope          | 3.40 °    |



DEM Dz +0.30 m

VWA - TW07

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA01 | Known Z    | 360.74 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.41 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 3.05 °    |

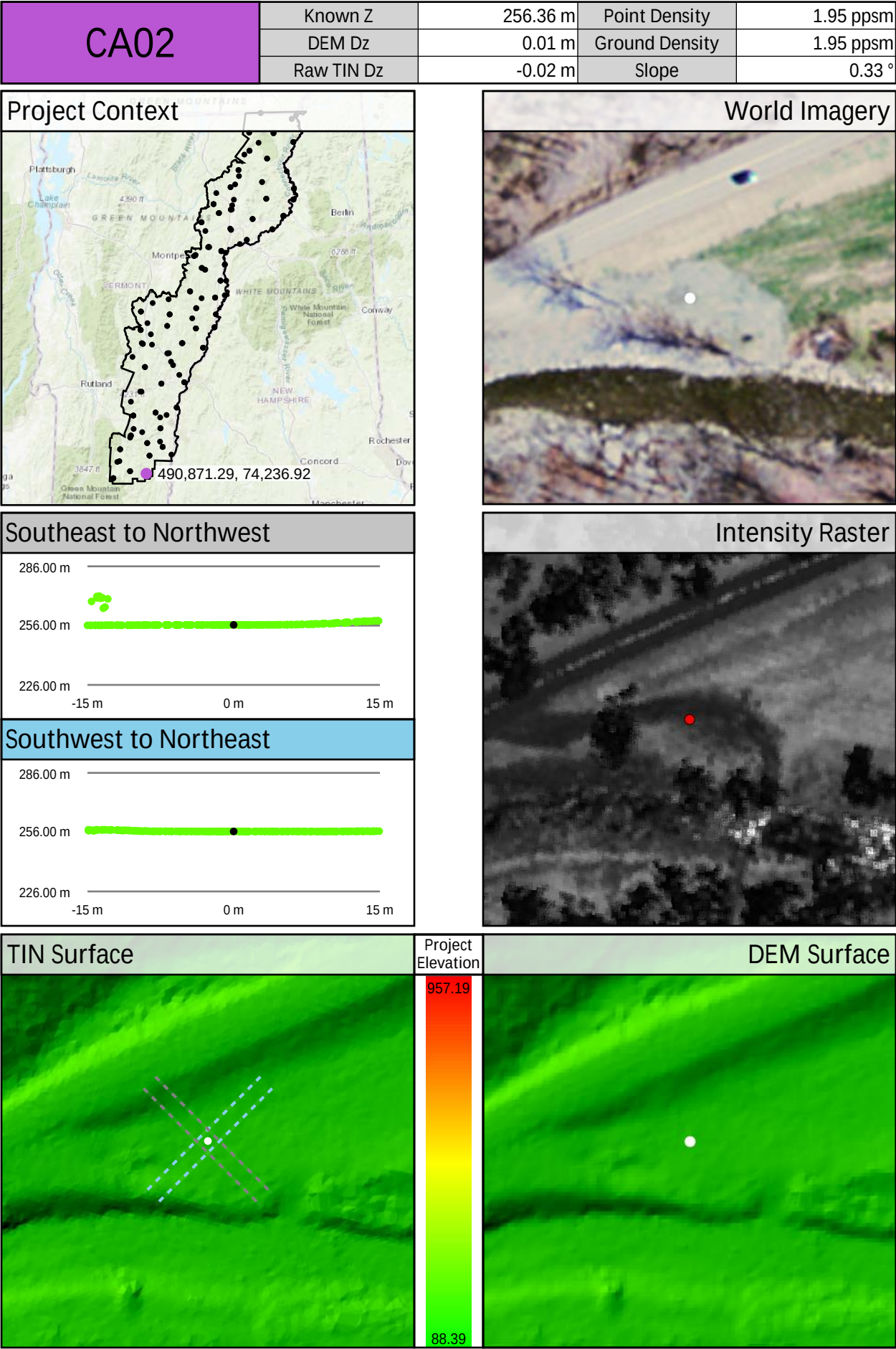


DEM Dz +0.00 m

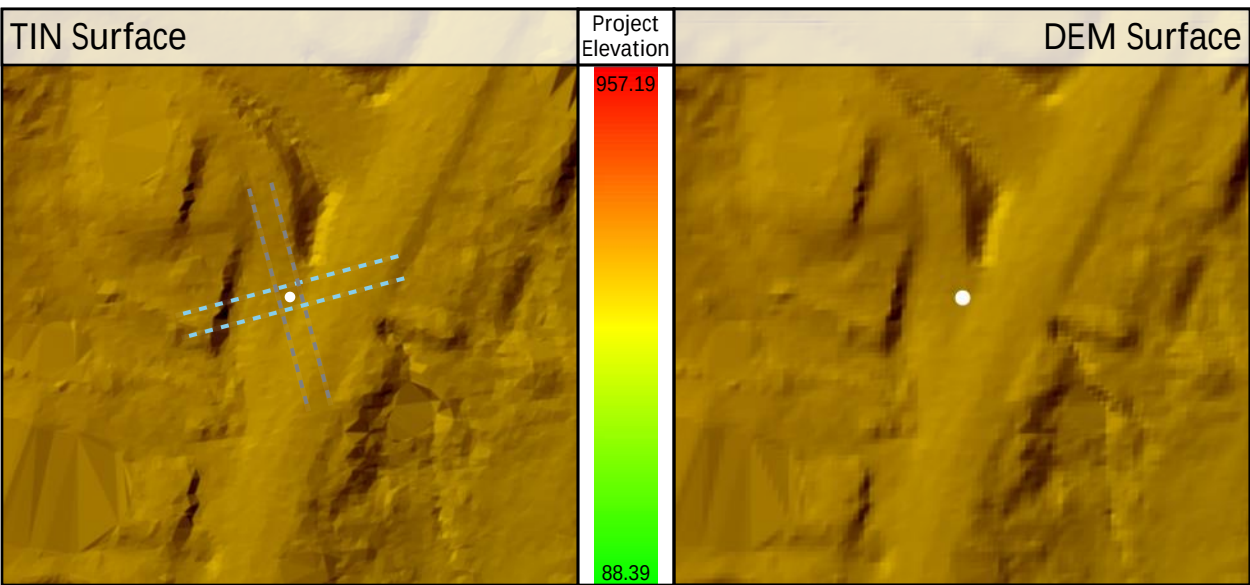
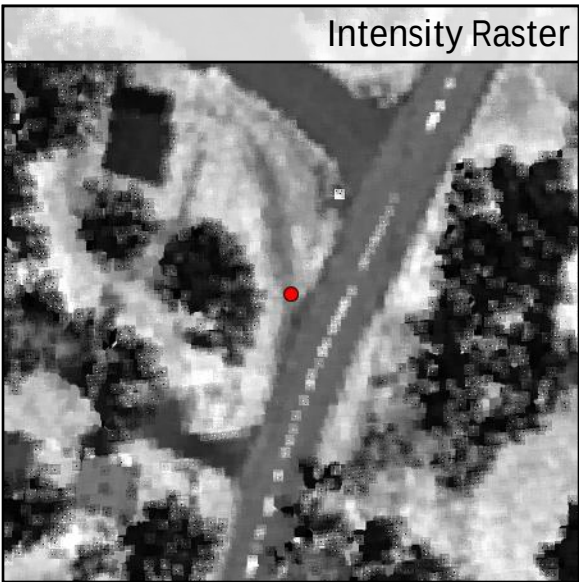
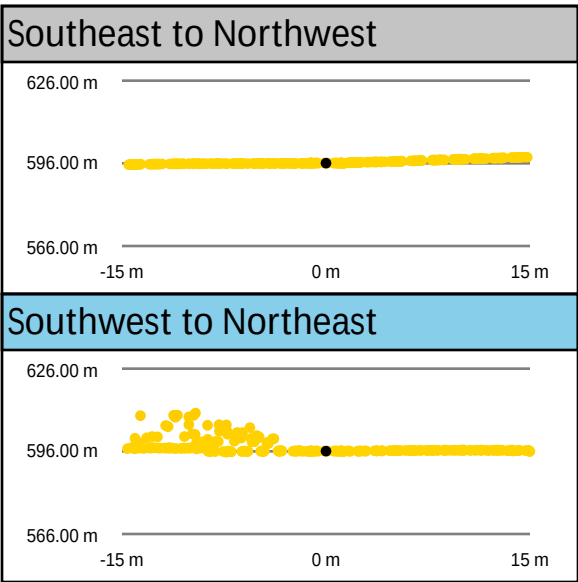
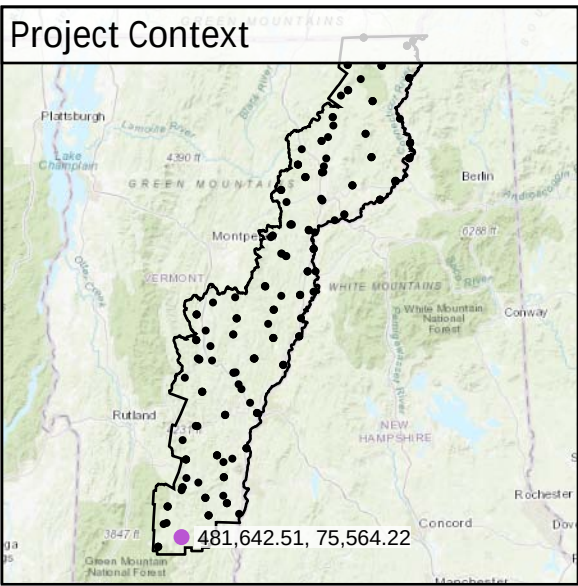
CAL - CA01

Raw TIN Dz +0.00 m

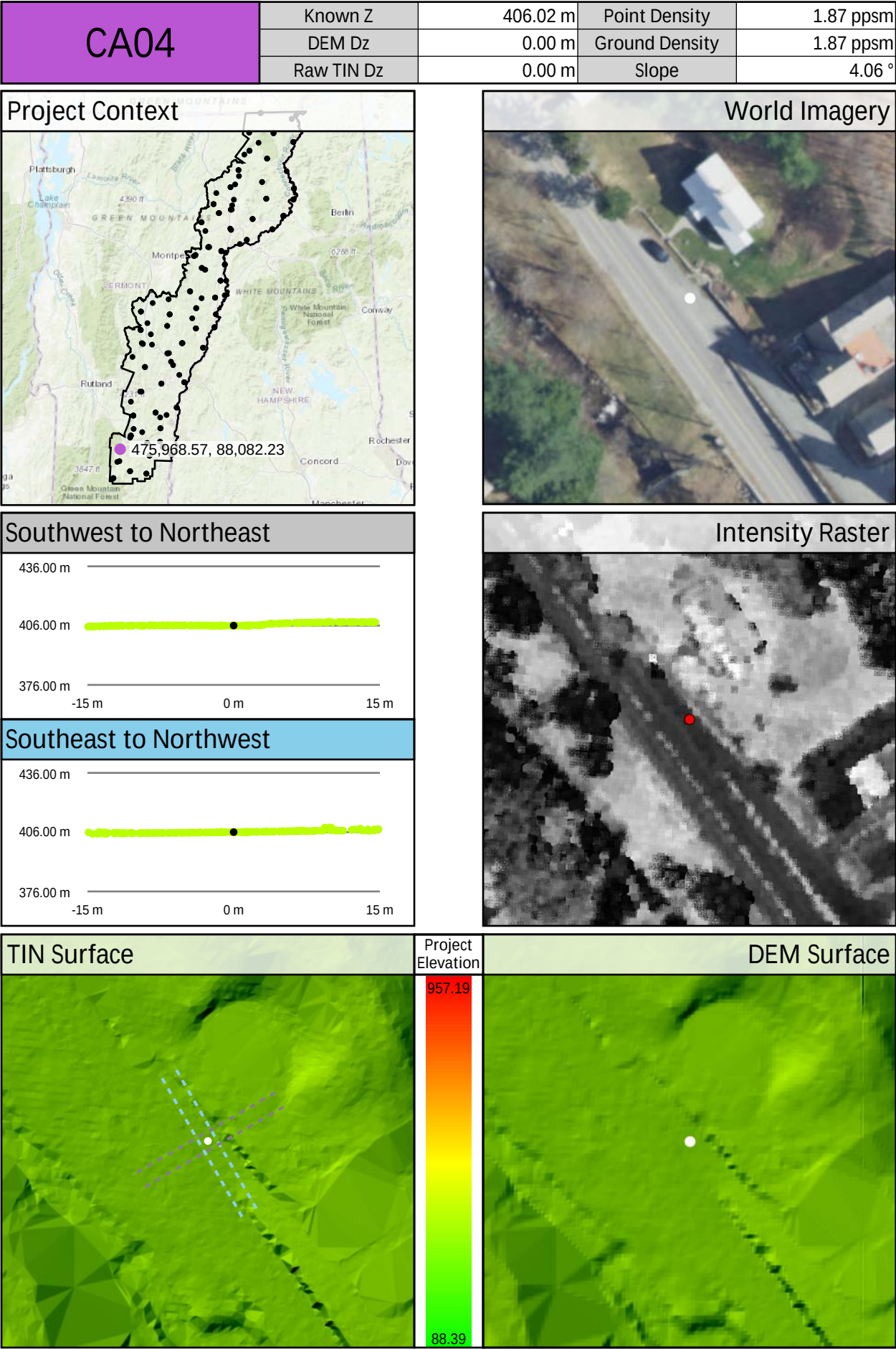


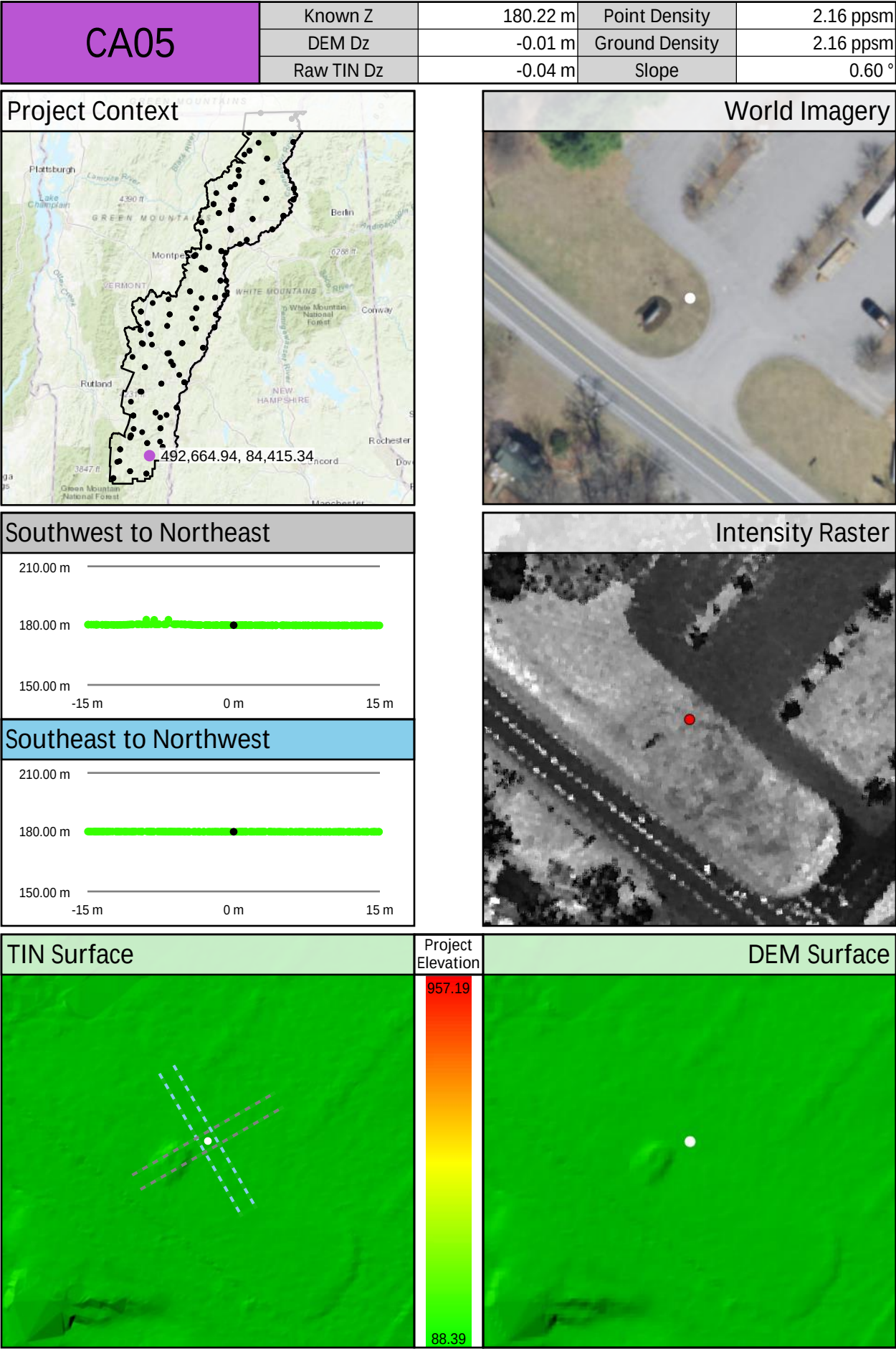


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA03 | Known Z    | 596.07 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.00 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 5.86 °    |









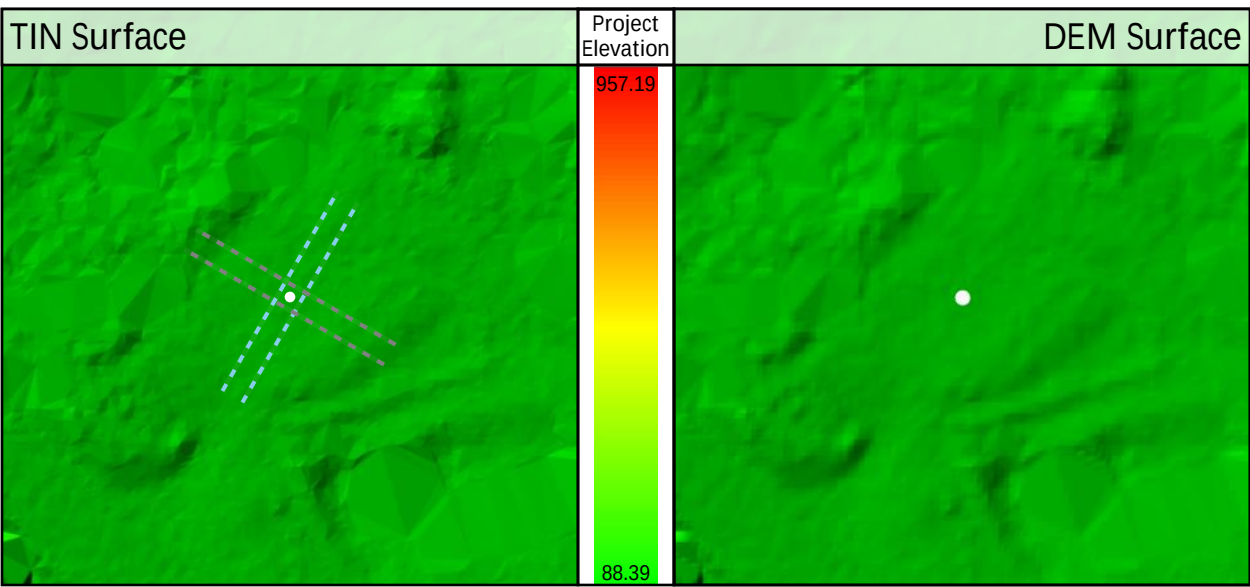
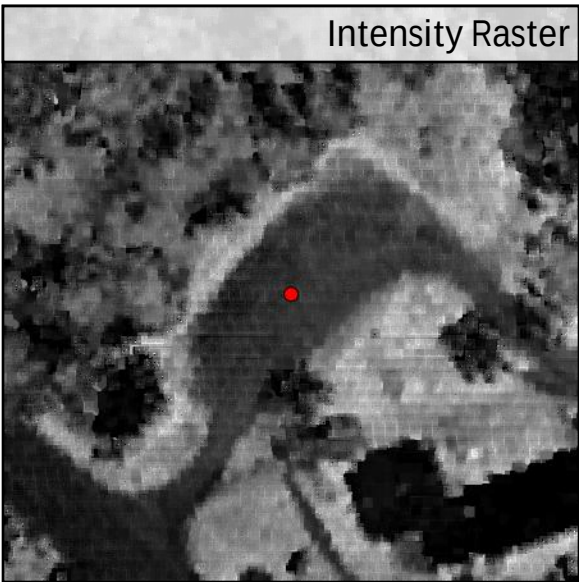
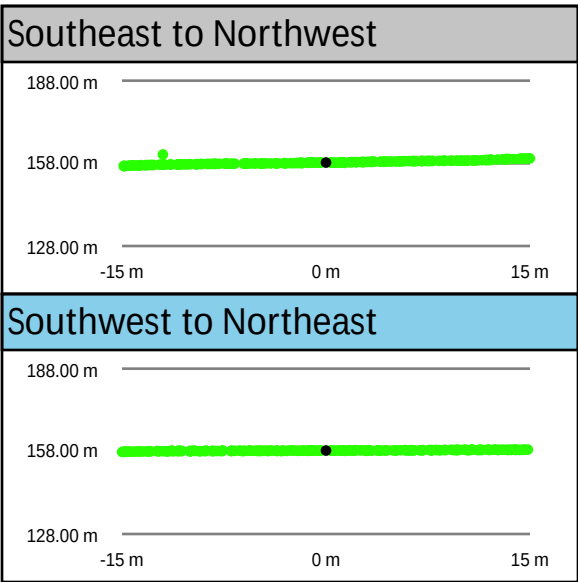
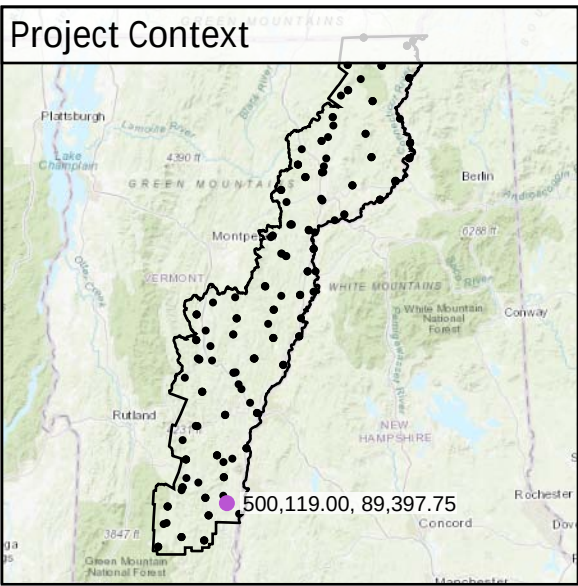
DEM Dz -0.01 m

CAL - CA05

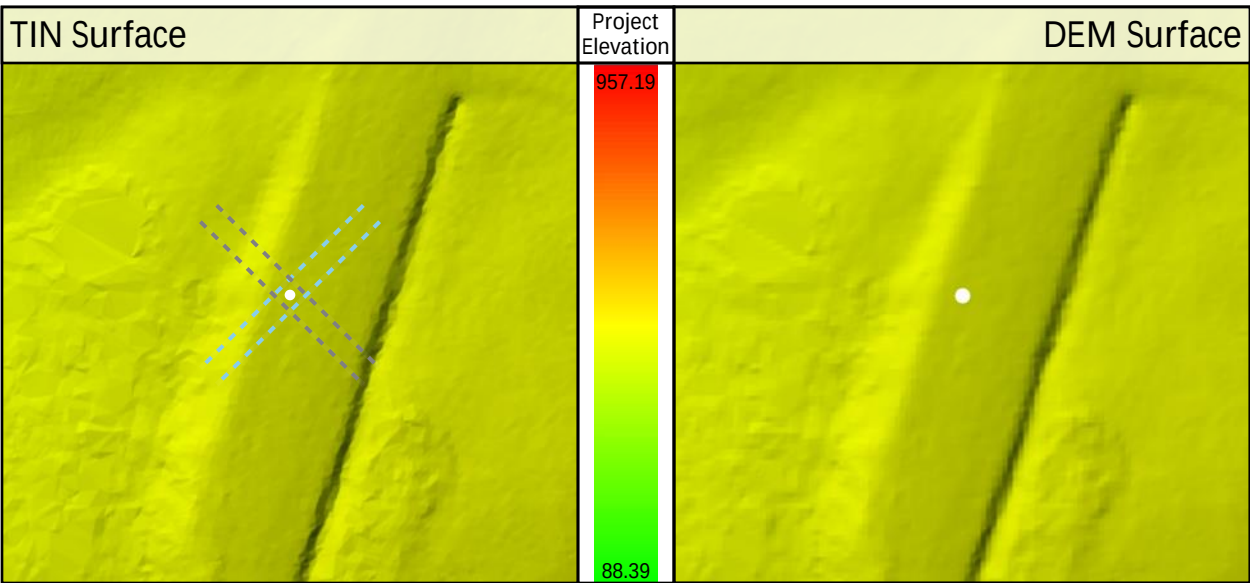
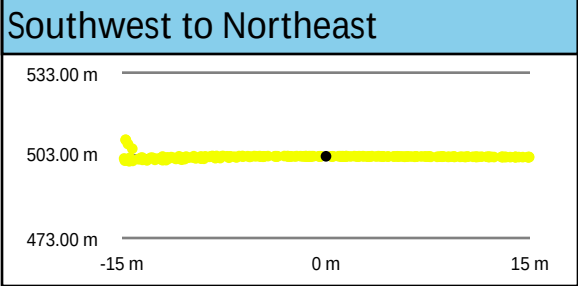
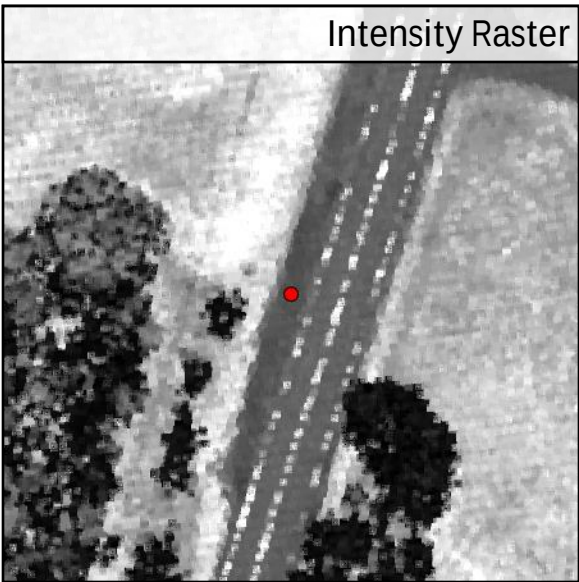
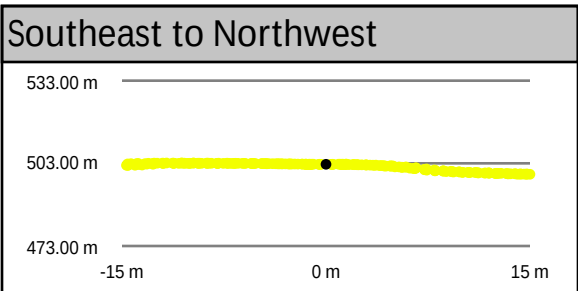
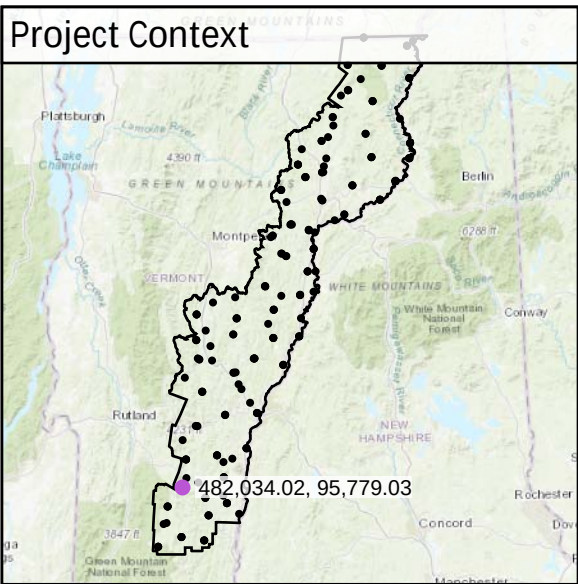
Raw TIN Dz -0.04 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA06 | Known Z    | 158.28 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 4.67 °    |

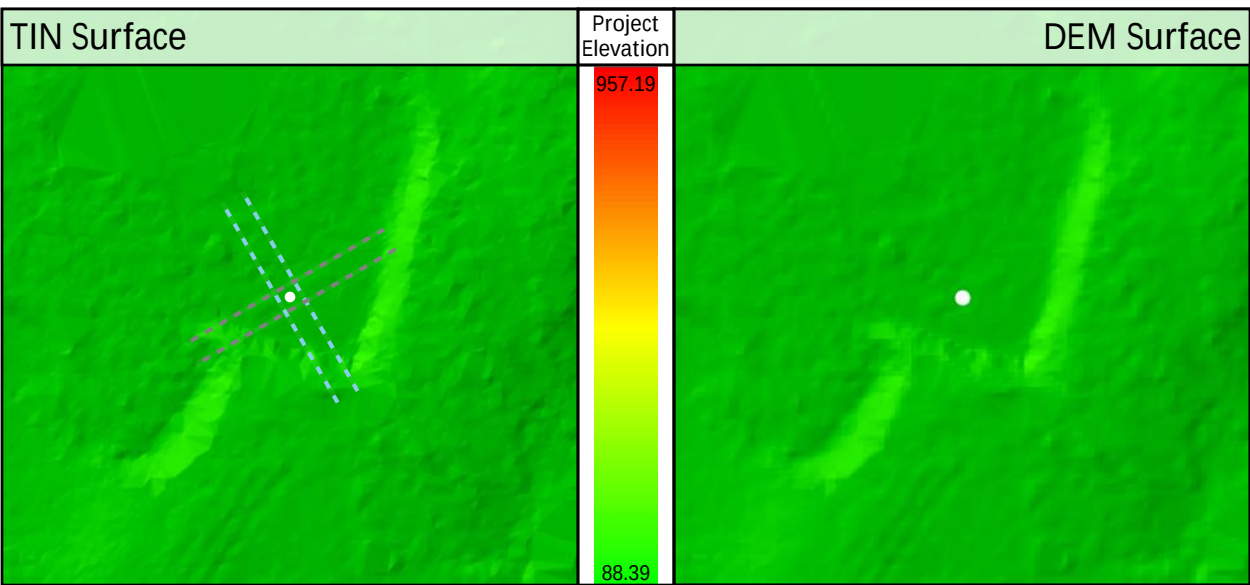
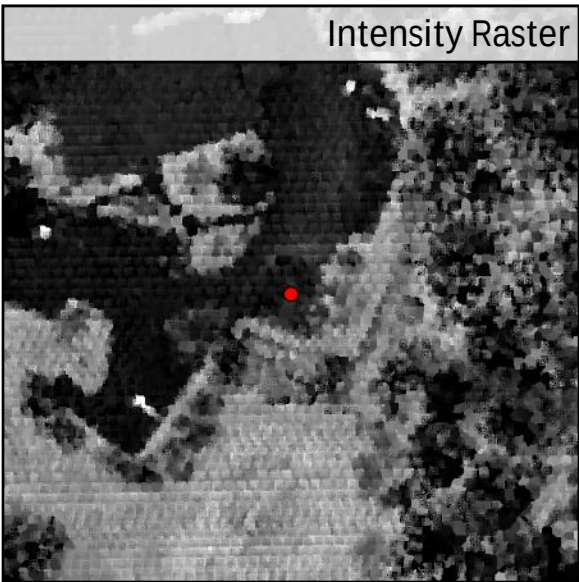
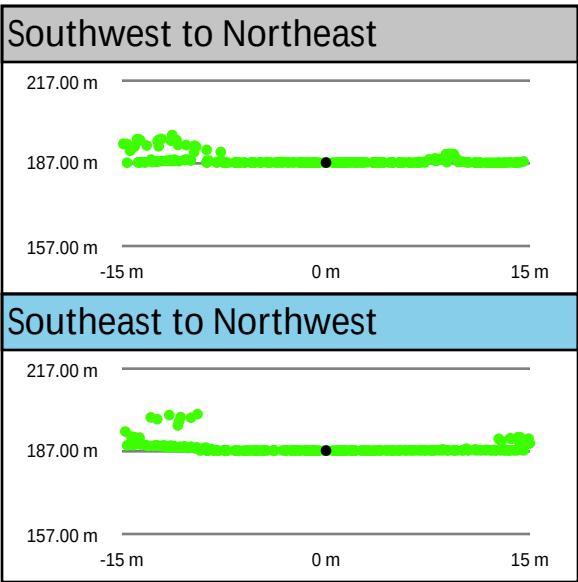
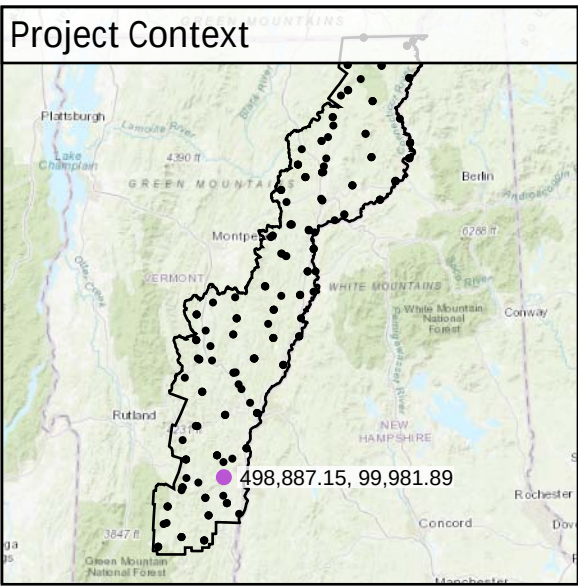


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA07 | Known Z    | 502.65 m | Point Density  | 2.23 ppsm |
|      | DEM Dz     | -0.01 m  | Ground Density | 2.23 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 3.87 °    |





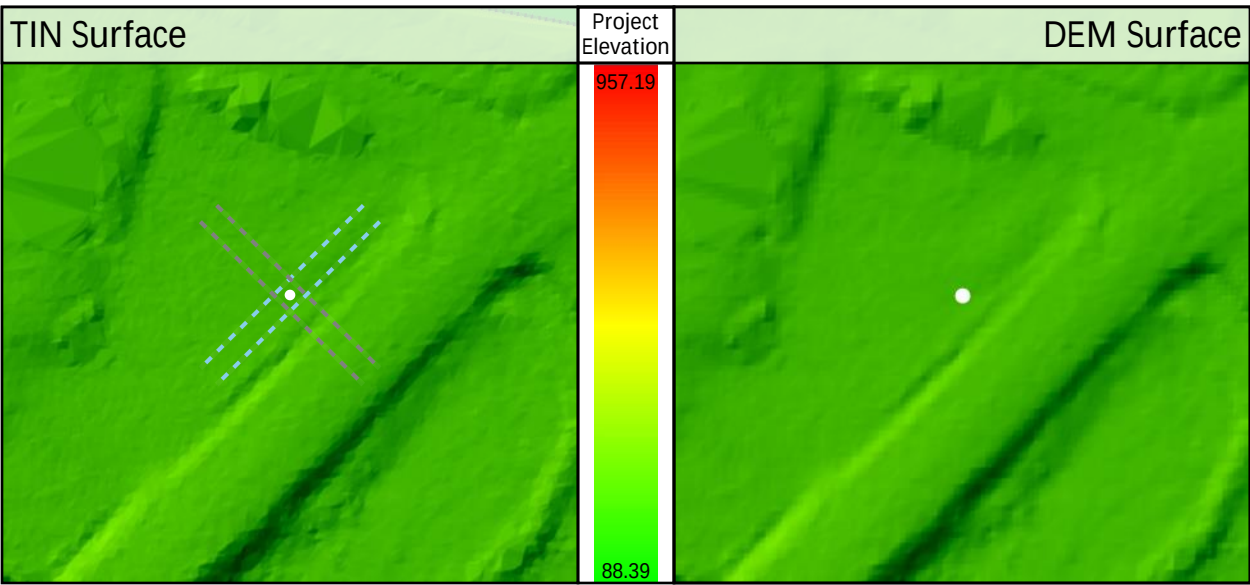
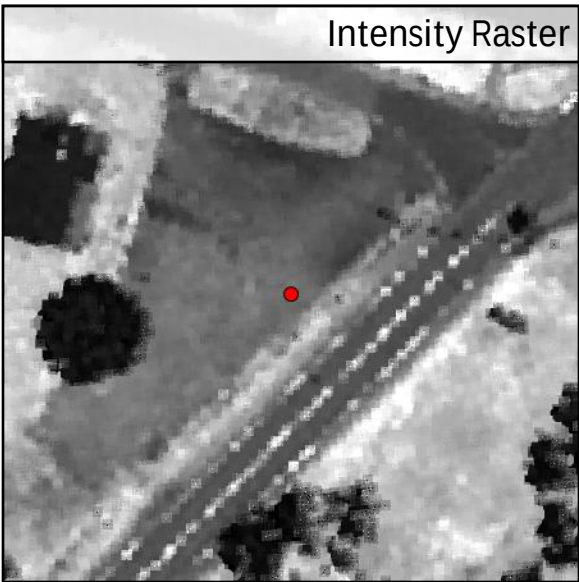
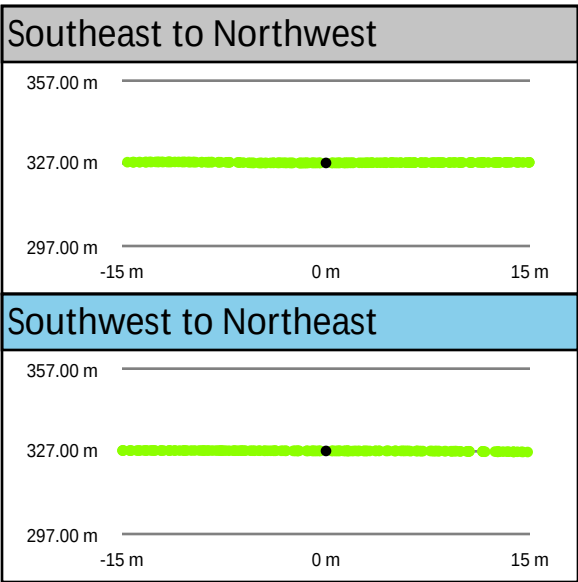
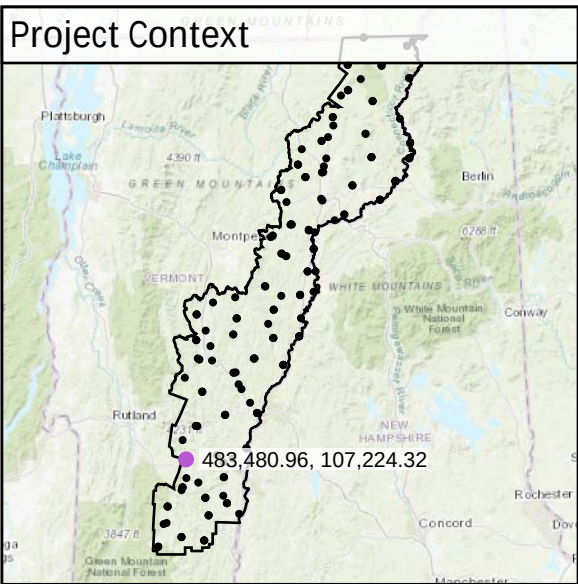
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA08 | Known Z    | 187.26 m | Point Density  | 2.05 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 2.05 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 0.34 °    |







|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA10 | Known Z    | 327.14 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 1.64 °    |

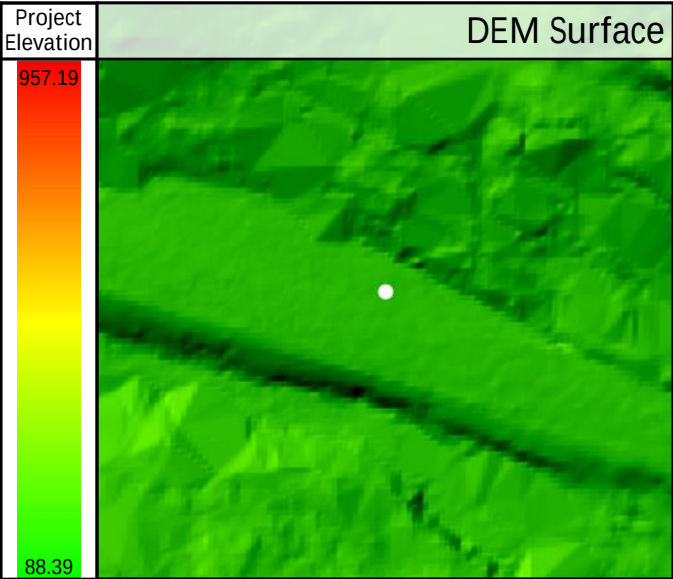
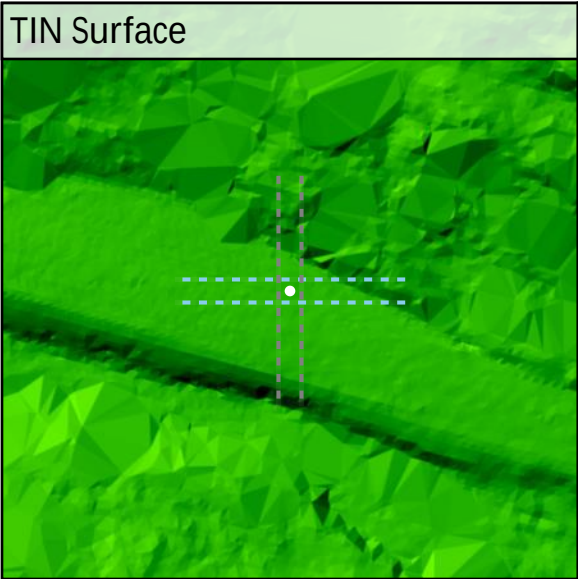
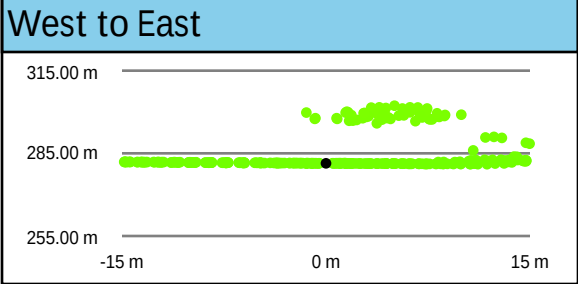
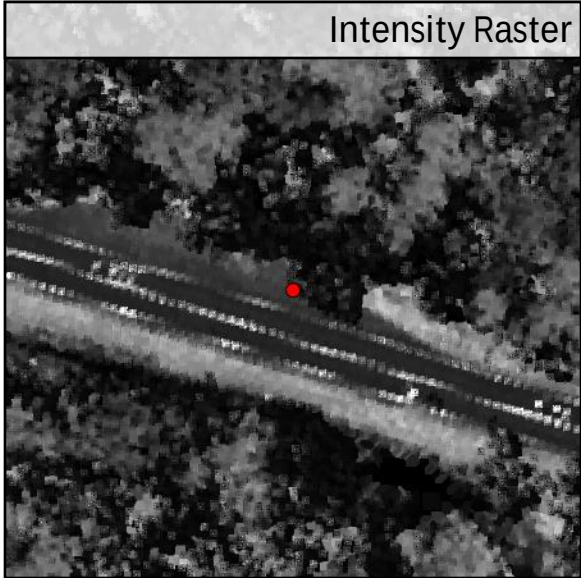
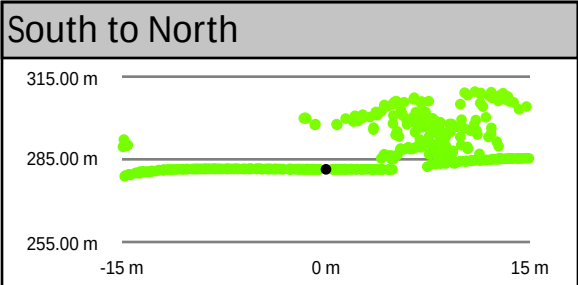
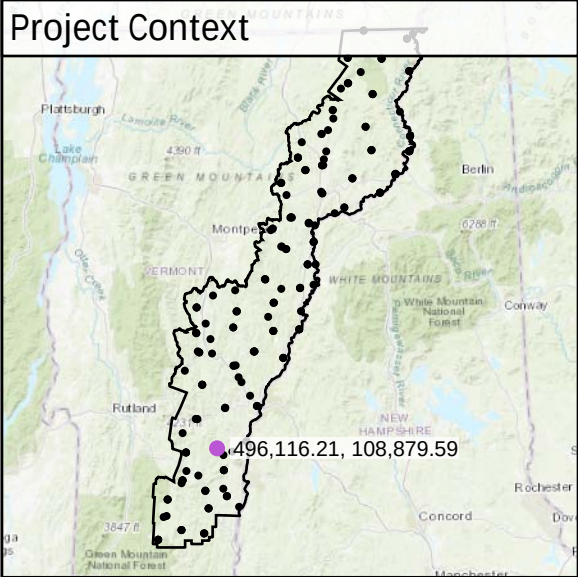


DEM Dz +0.01 m

CAL - CA10

Raw TIN Dz -0.01 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA11 | Known Z    | 281.37 m | Point Density  | 2.72 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.37 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 2.16 °    |



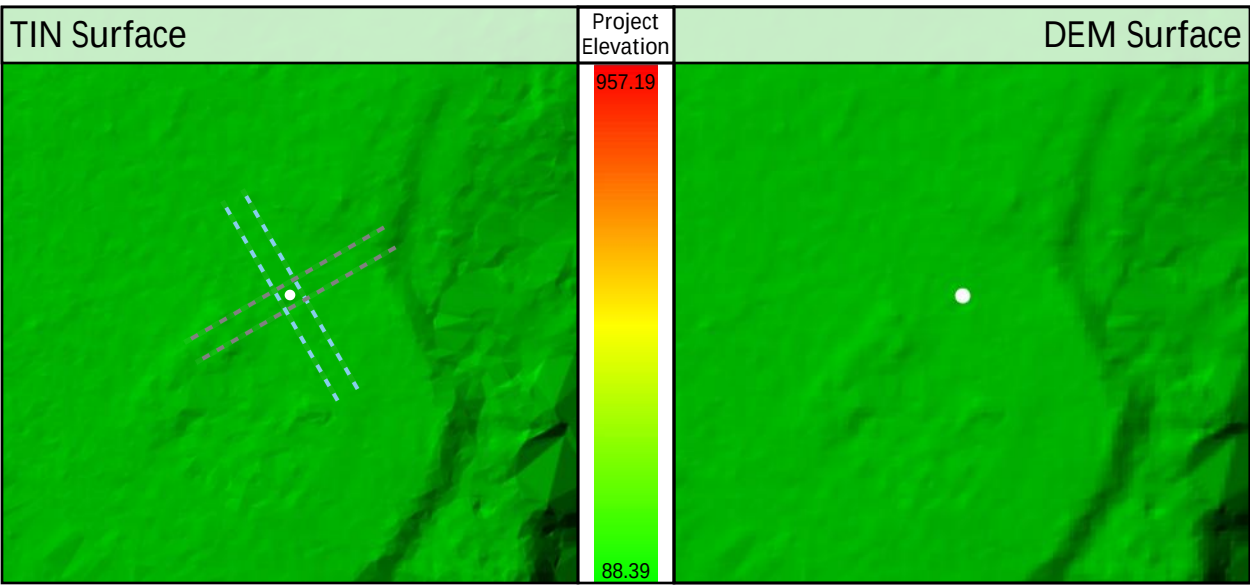
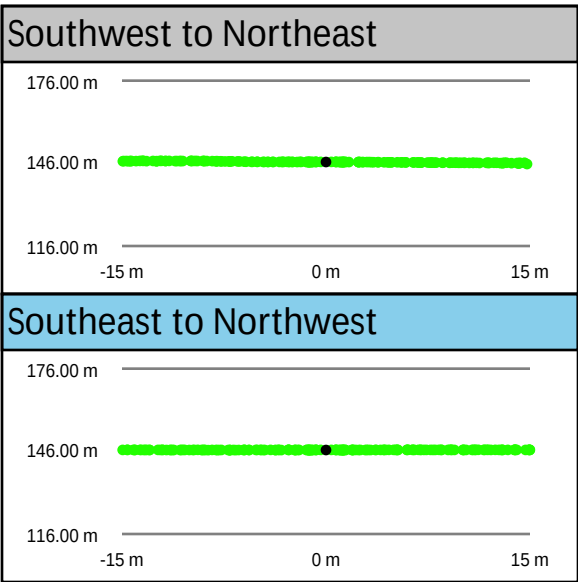
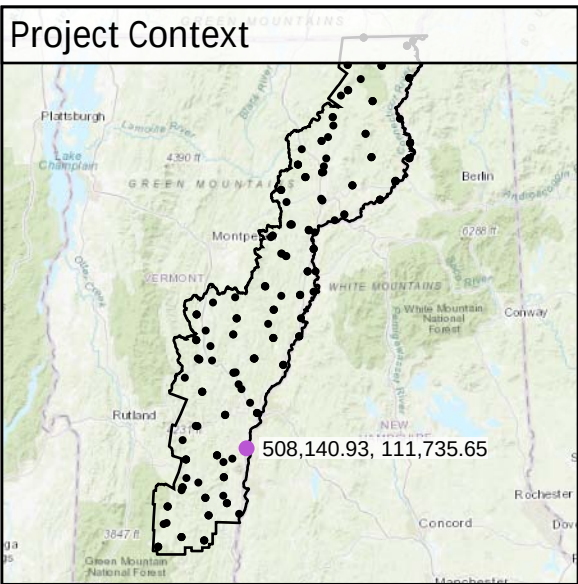
DEM Dz +0.02 m

CAL - CA11

Raw TIN Dz +0.02 m



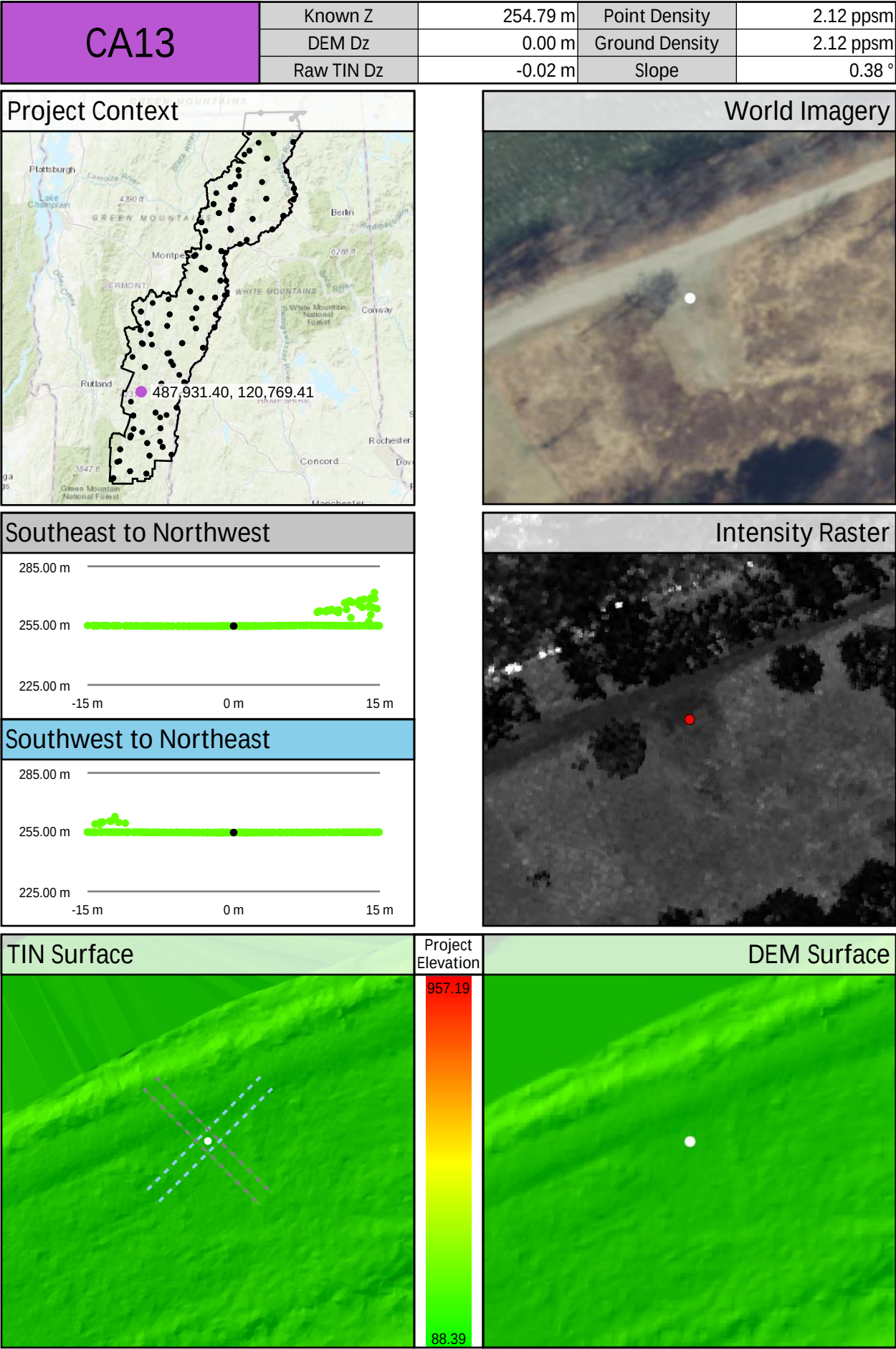
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA12 | Known Z    | 146.48 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.67 °    |



DEM Dz +0.03 m

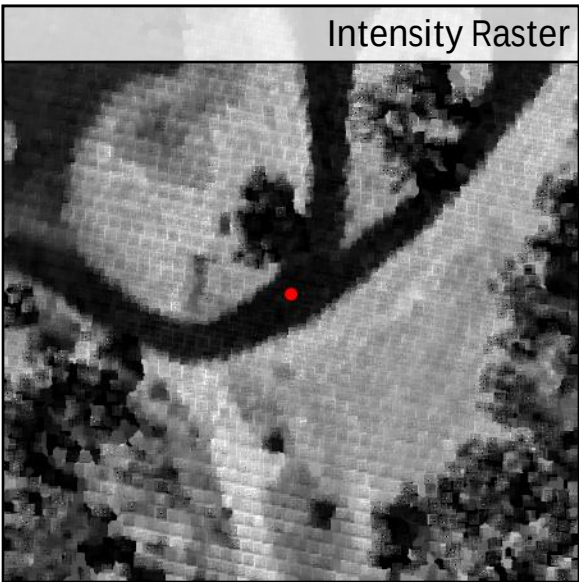
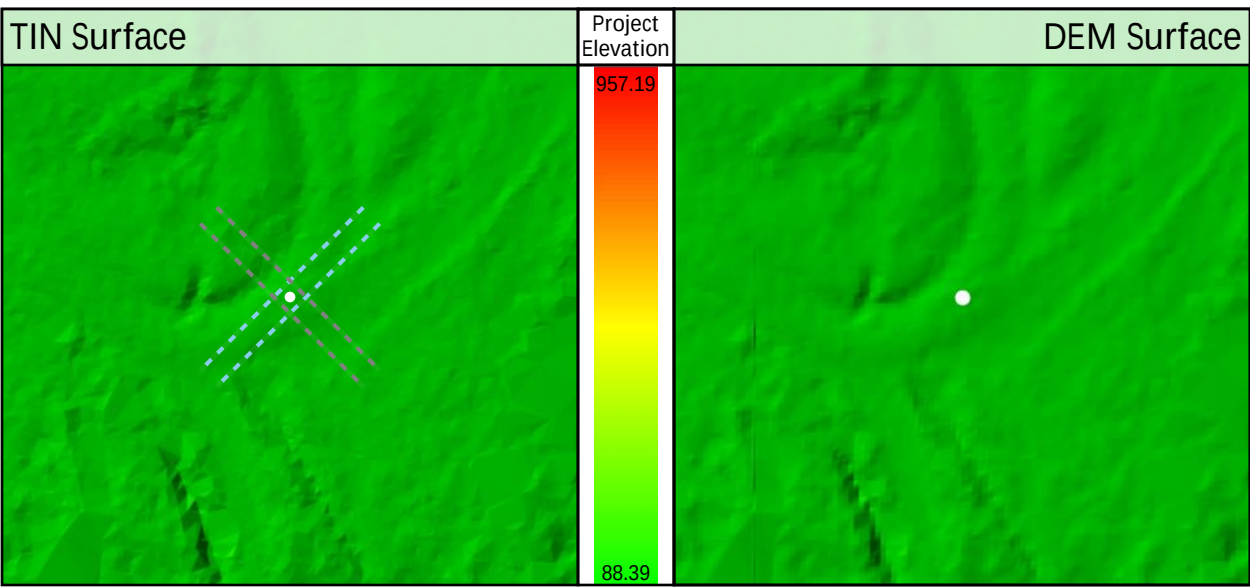
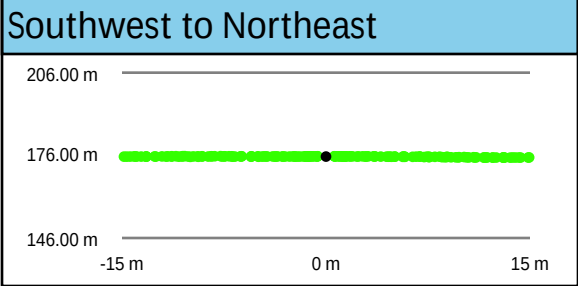
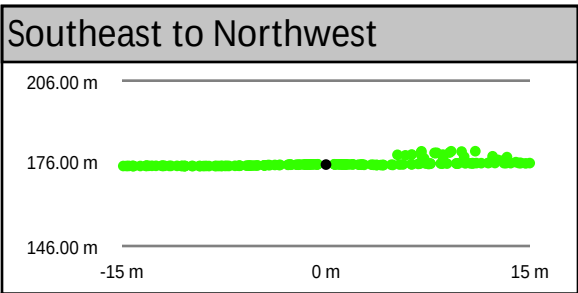
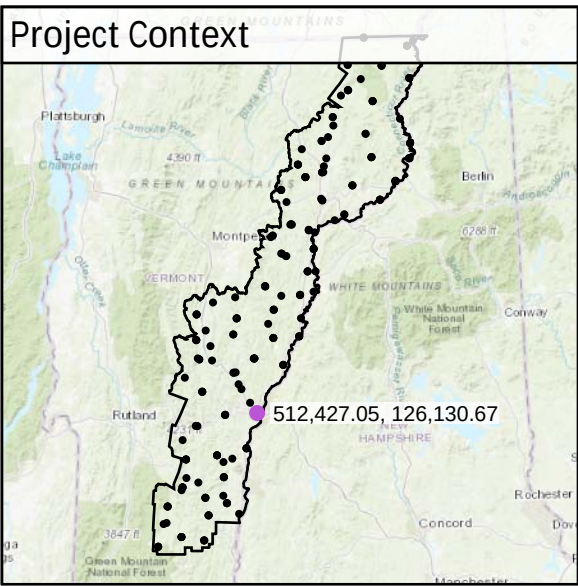
CAL - CA12

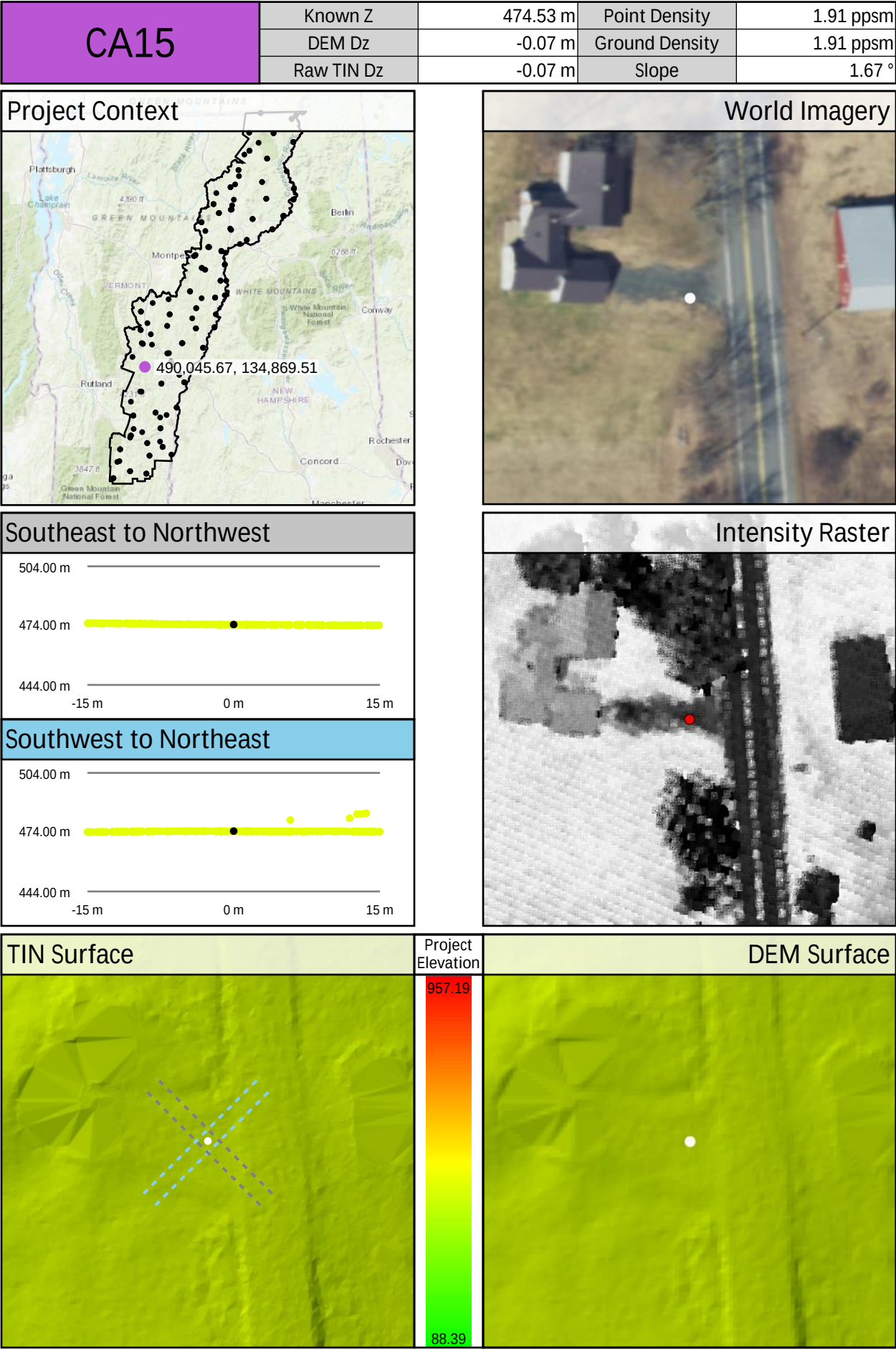
Raw TIN Dz +0.02 m





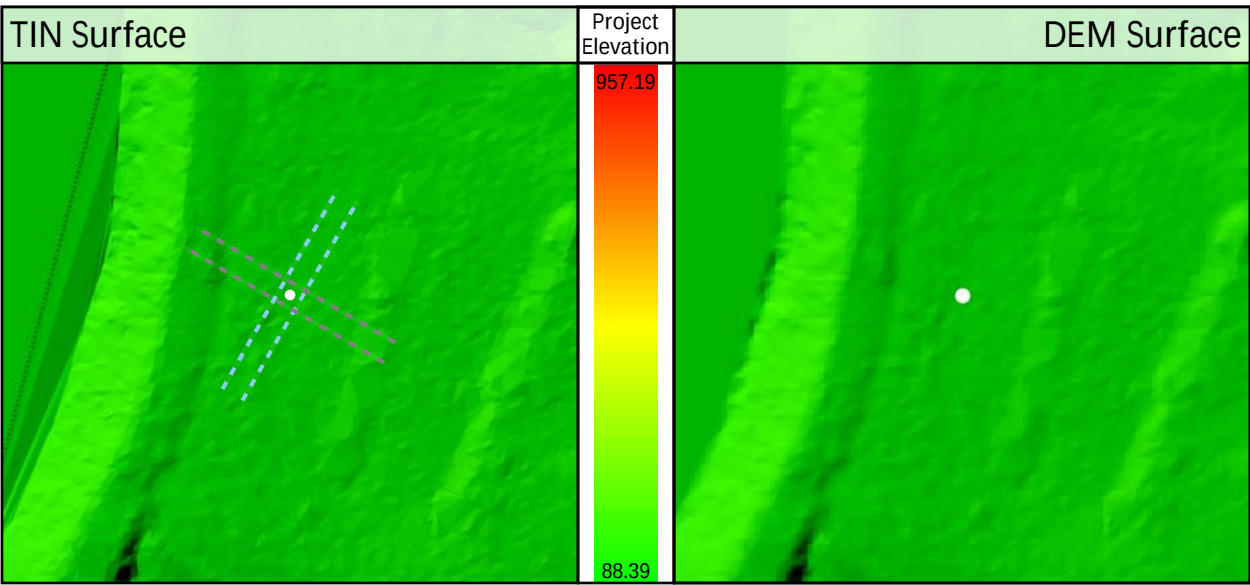
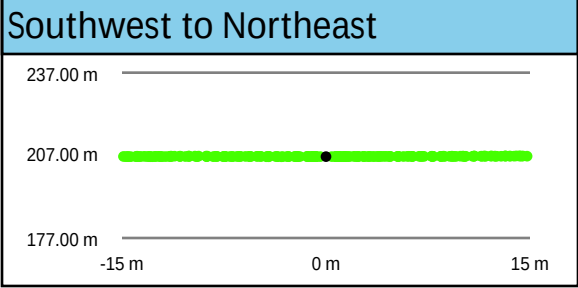
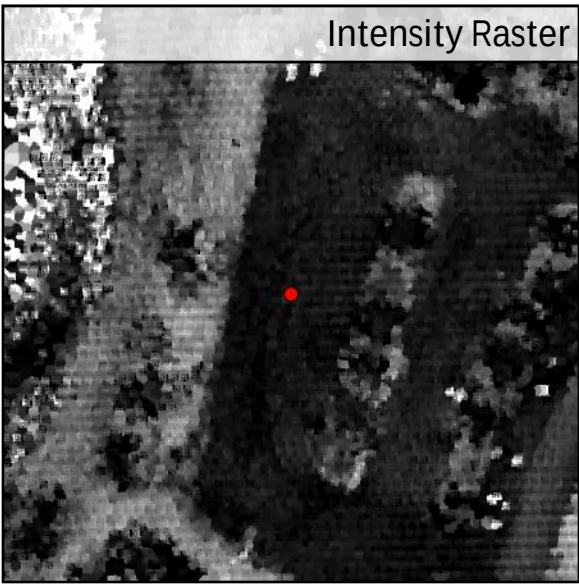
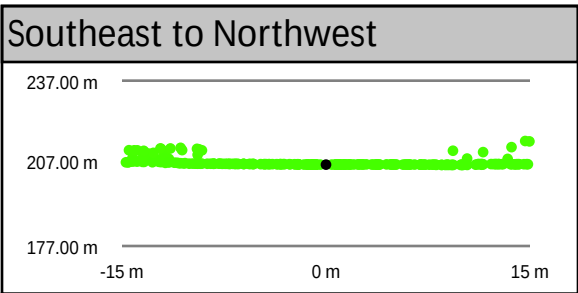
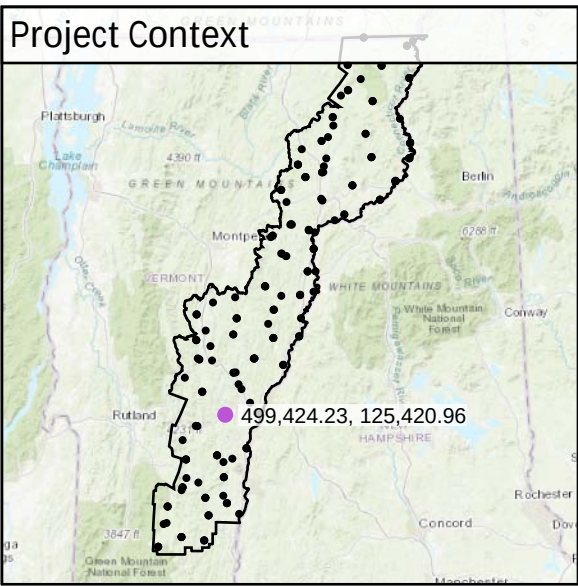
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA14 | Known Z    | 175.55 m | Point Density  | 1.73 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 1.00 °    |







|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA16 | Known Z    | 206.53 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.00 °    |

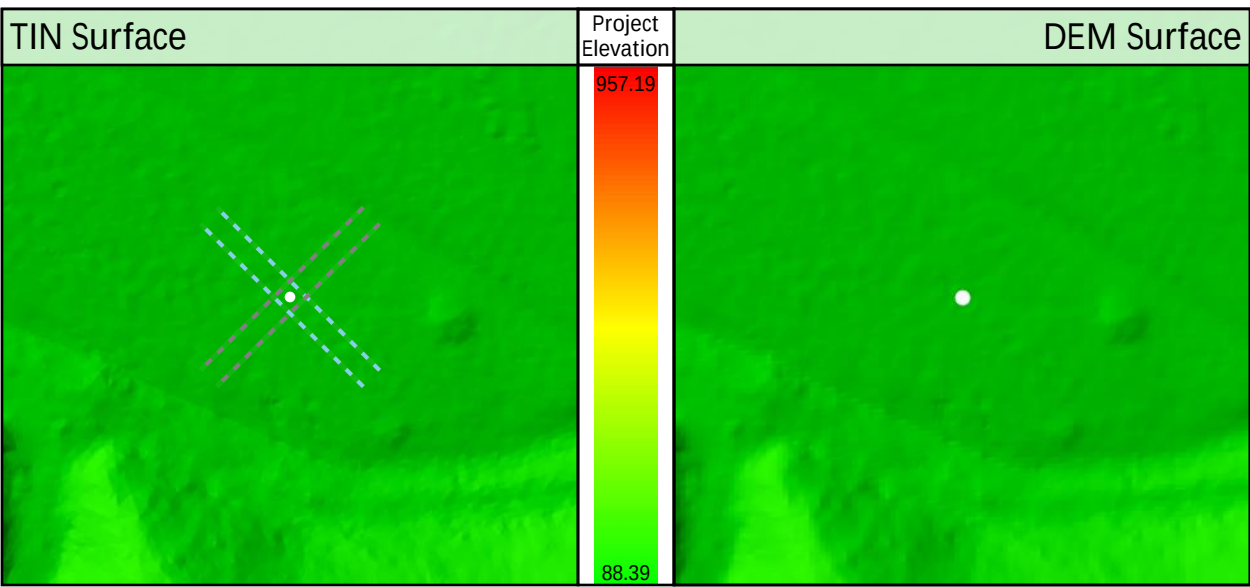
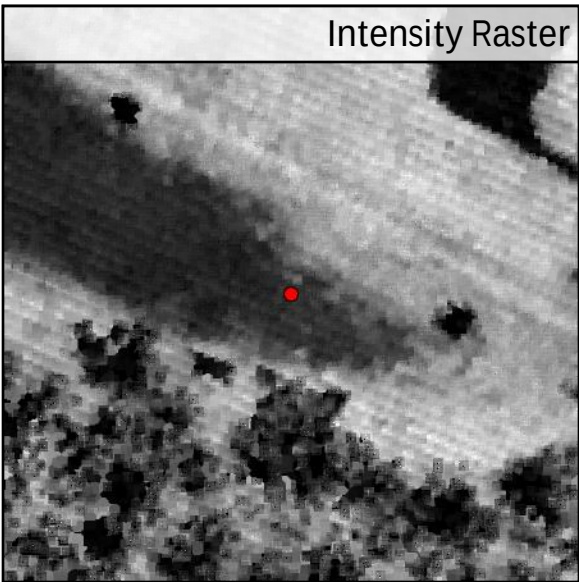
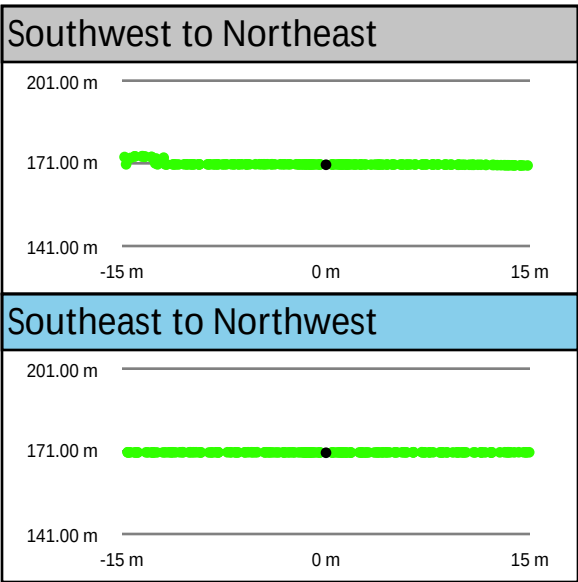
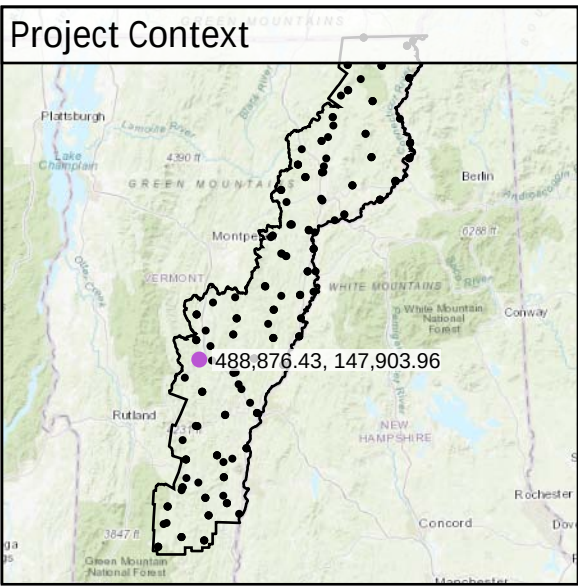


DEM Dz +0.02 m

CAL - CA16

Raw TIN Dz +0.02 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA17 | Known Z    | 170.48 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.11 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | 0.15 m   | Slope          | 0.73 °    |



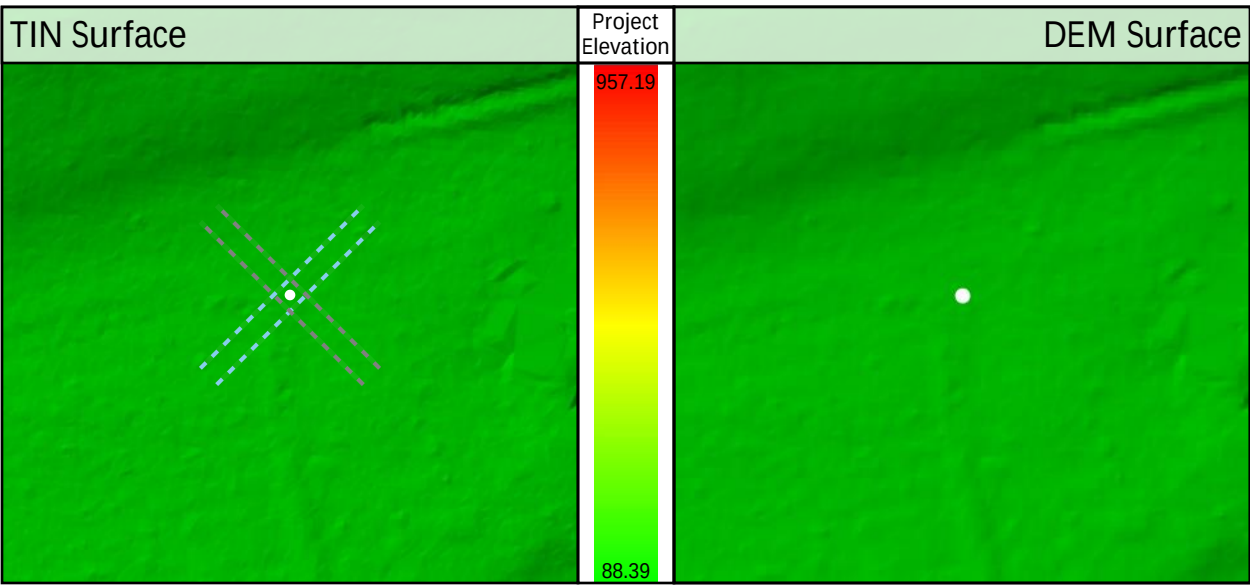
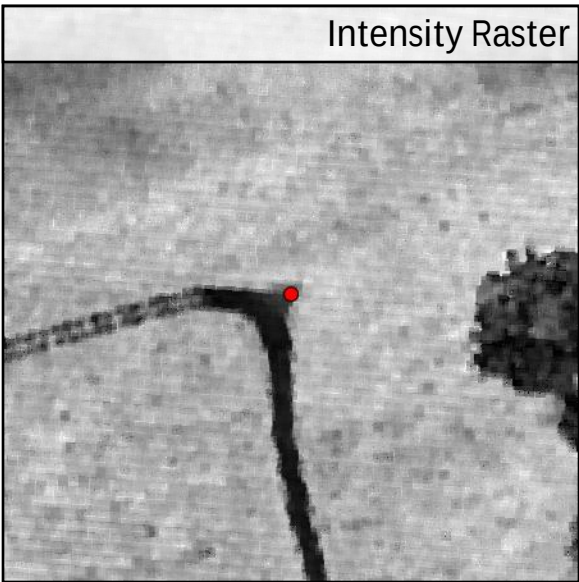
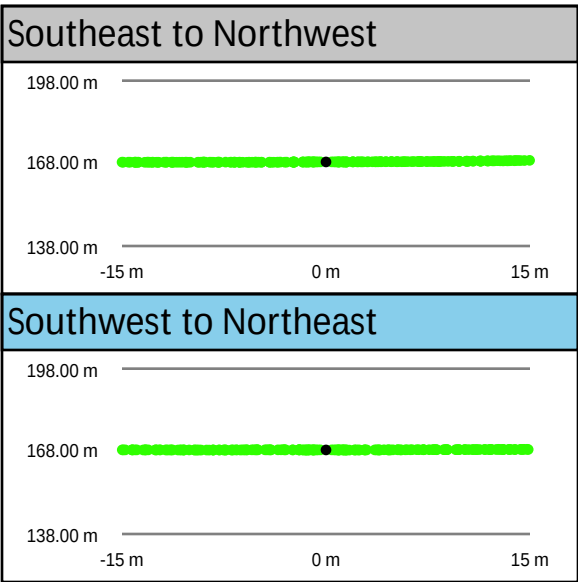
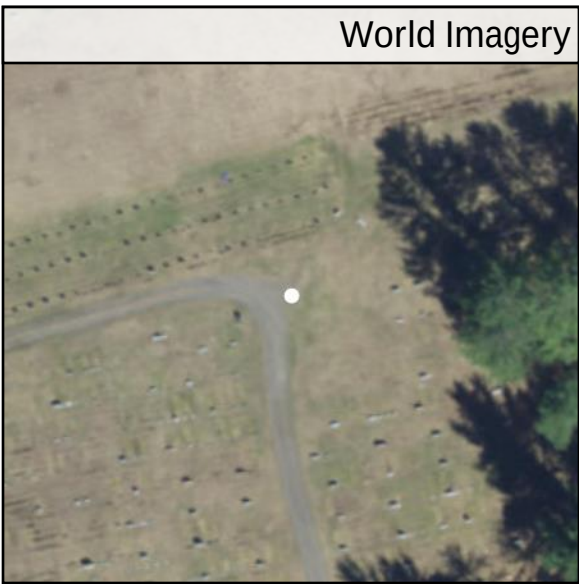
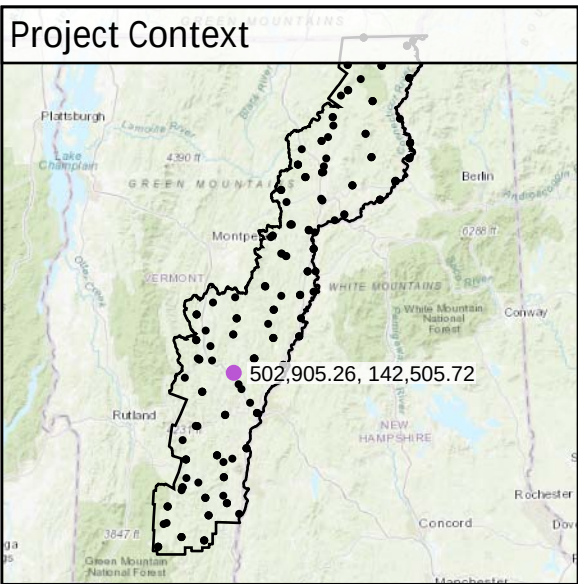
DEM Dz +0.11 m

CAL - CA17

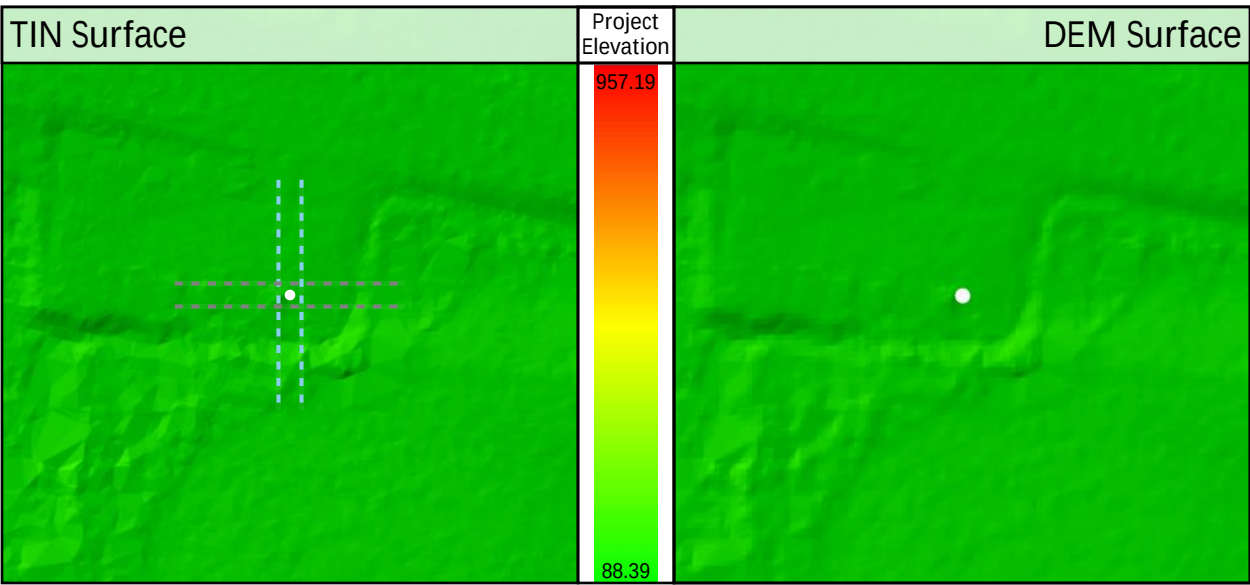
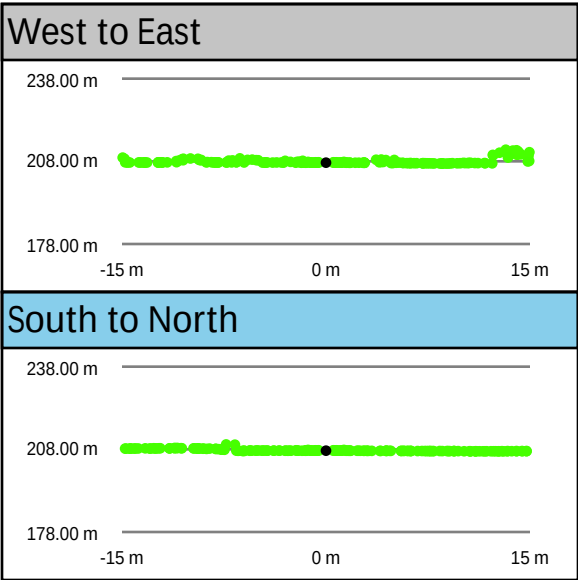
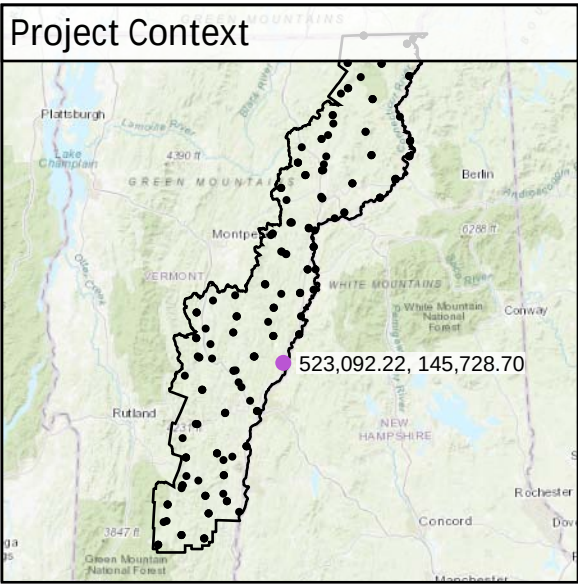
Raw TIN Dz +0.15 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA18 | Known Z    | 168.50 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.07 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA19 | Known Z    | 207.51 m | Point Density  | 1.84 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 1.59 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 4.20 °    |



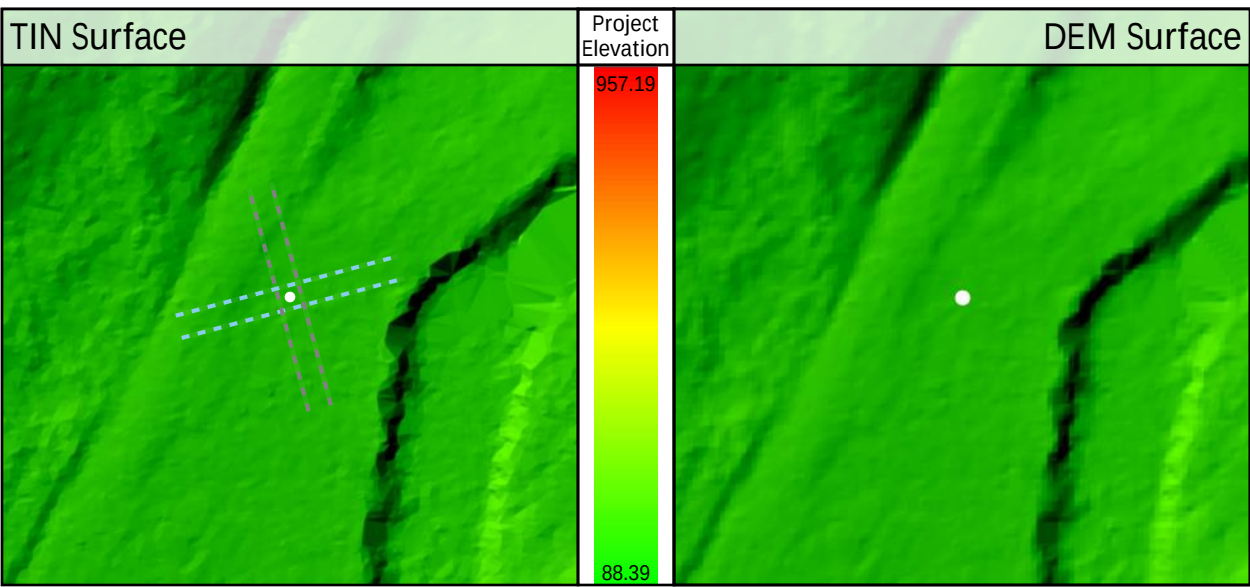
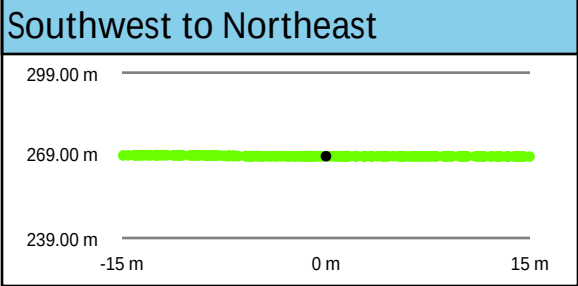
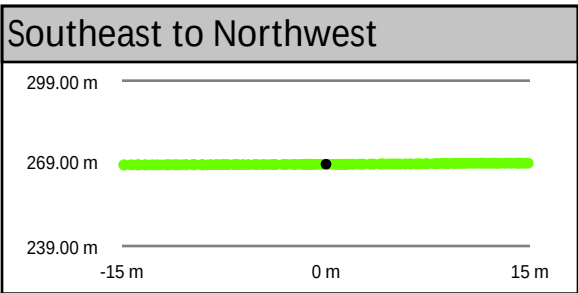
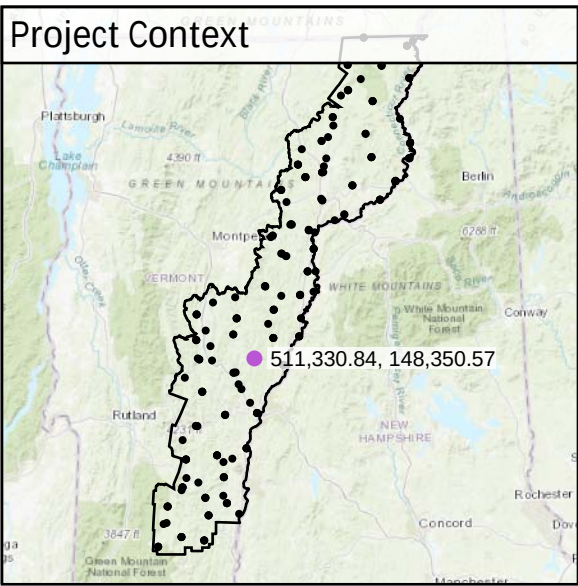
DEM Dz +0.04 m

CAL - CA19

Raw TIN Dz +0.02 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA20 | Known Z    | 268.68 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 2.23 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 1.03 °    |

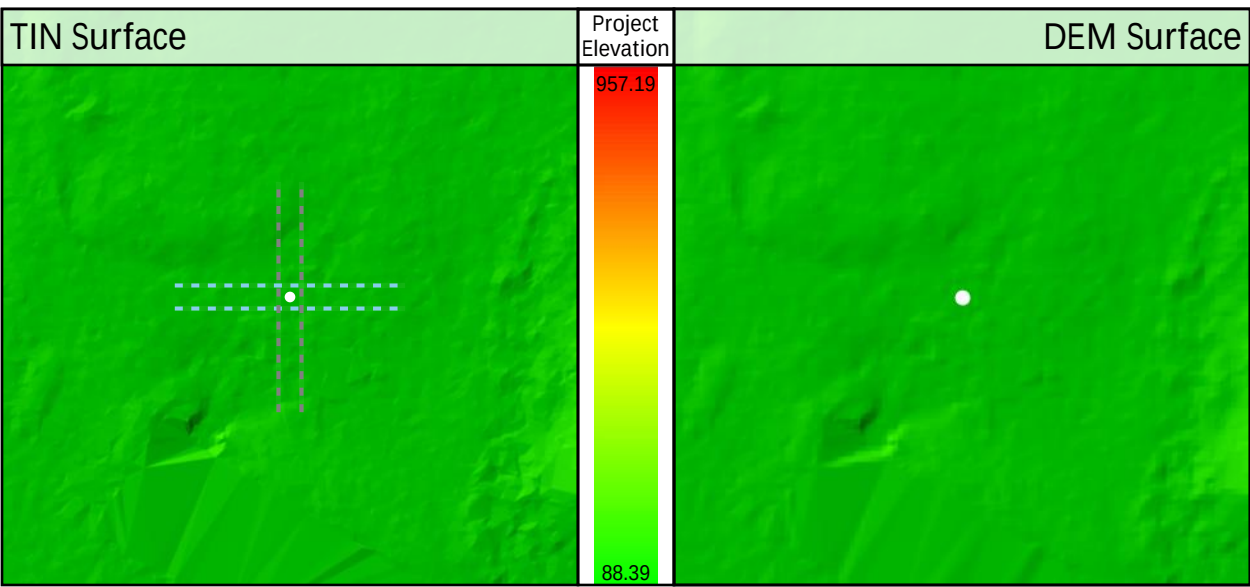
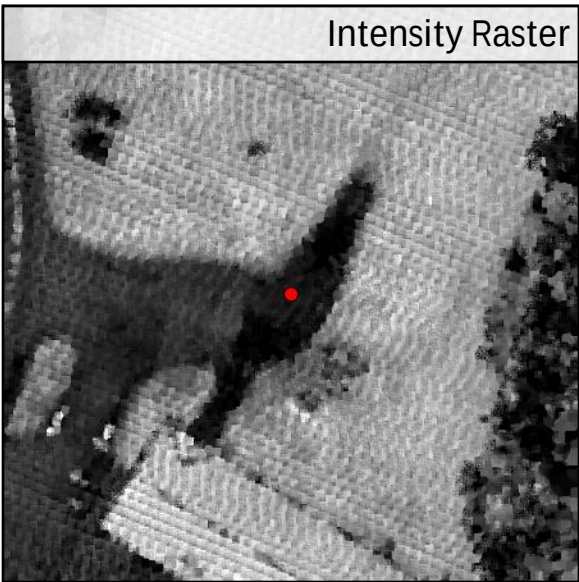
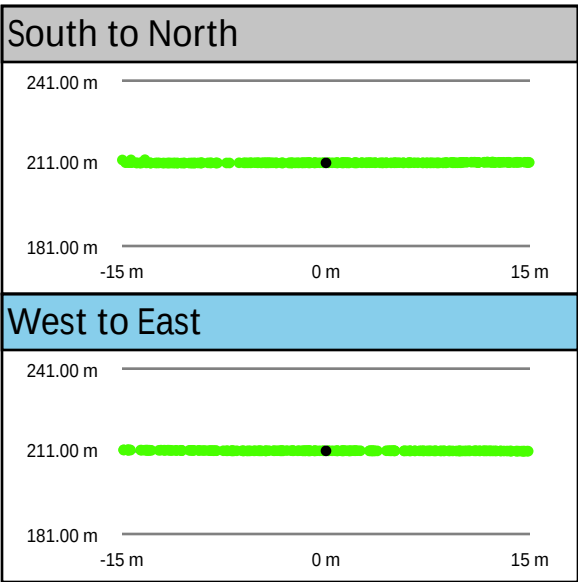
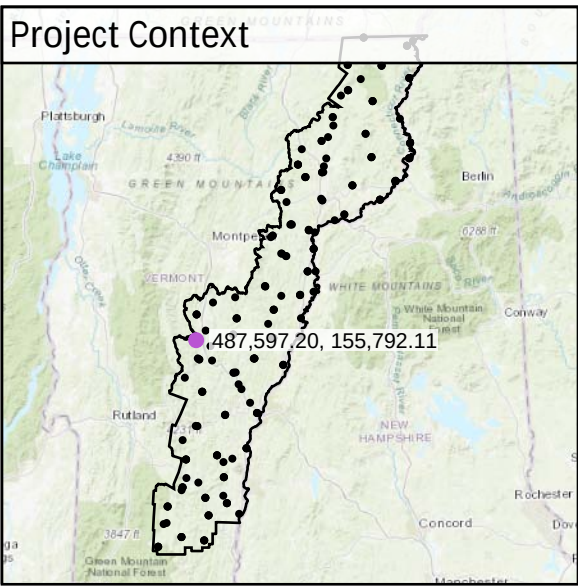


DEM Dz -0.02 m

CAL - CA20

Raw TIN Dz -0.01 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA21 | Known Z    | 211.17 m | Point Density  | 2.05 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 2.05 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 0.96 °    |



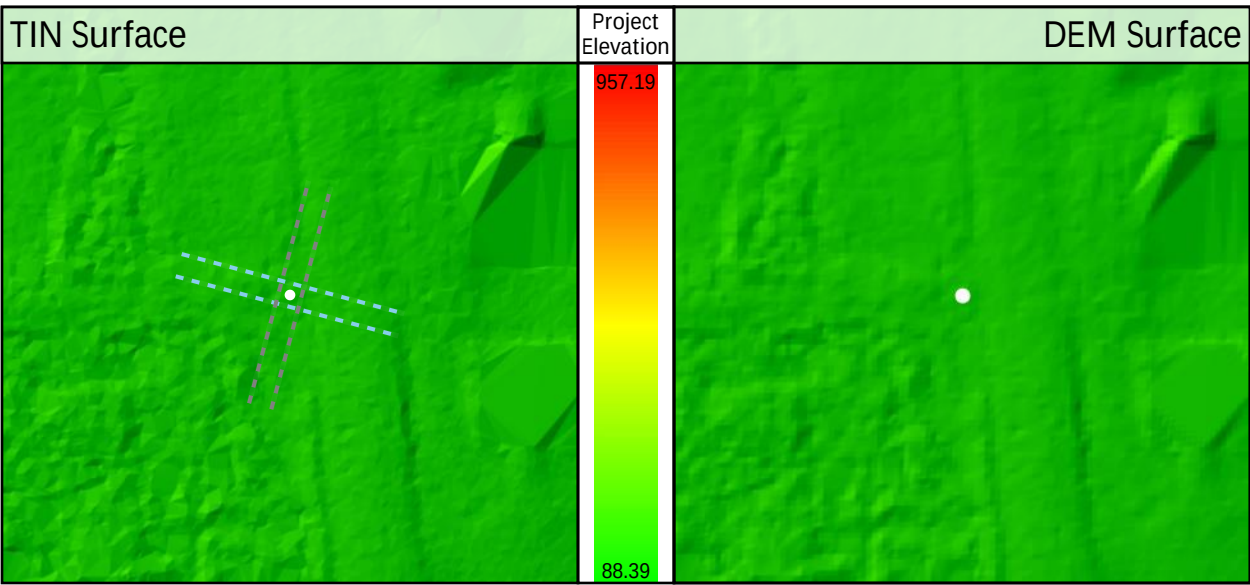
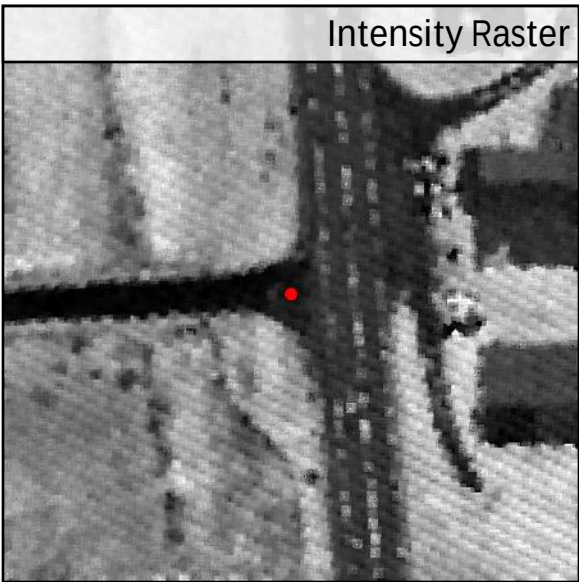
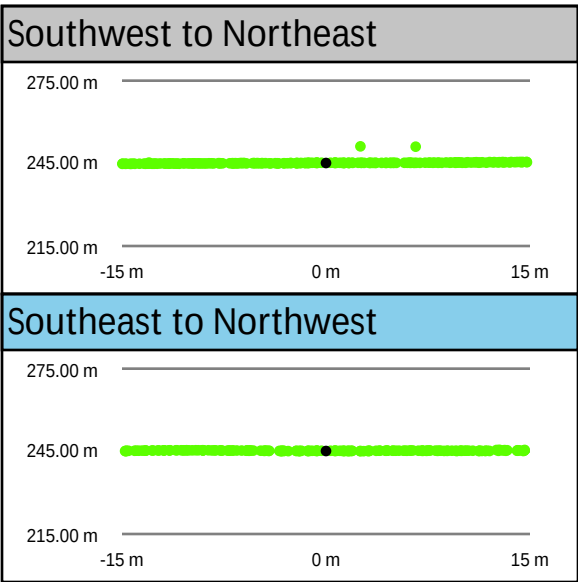
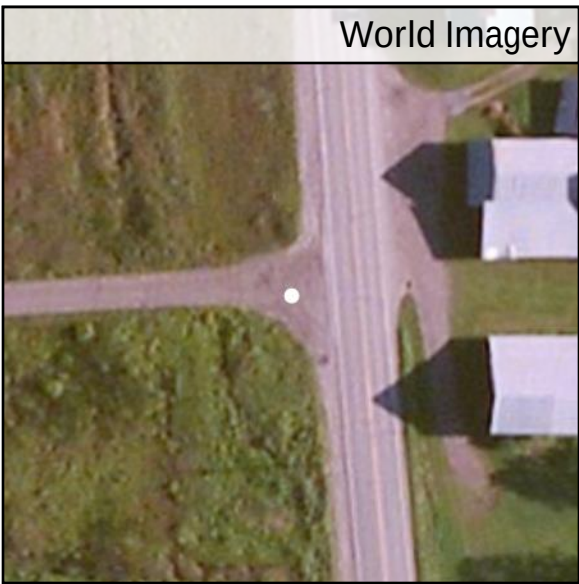
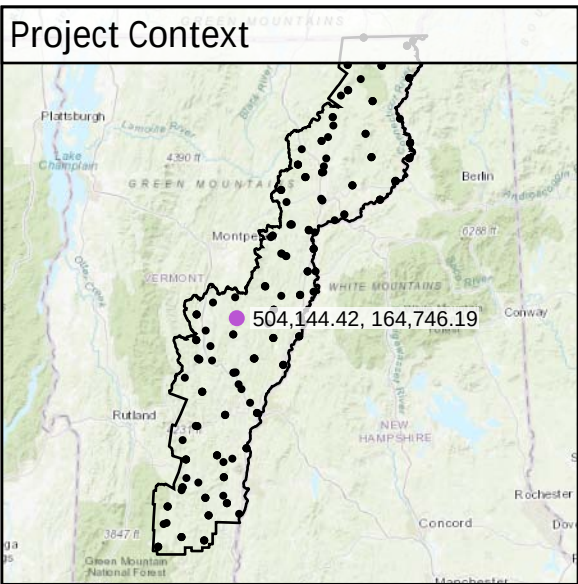
DEM Dz +0.03 m

CAL - CA21

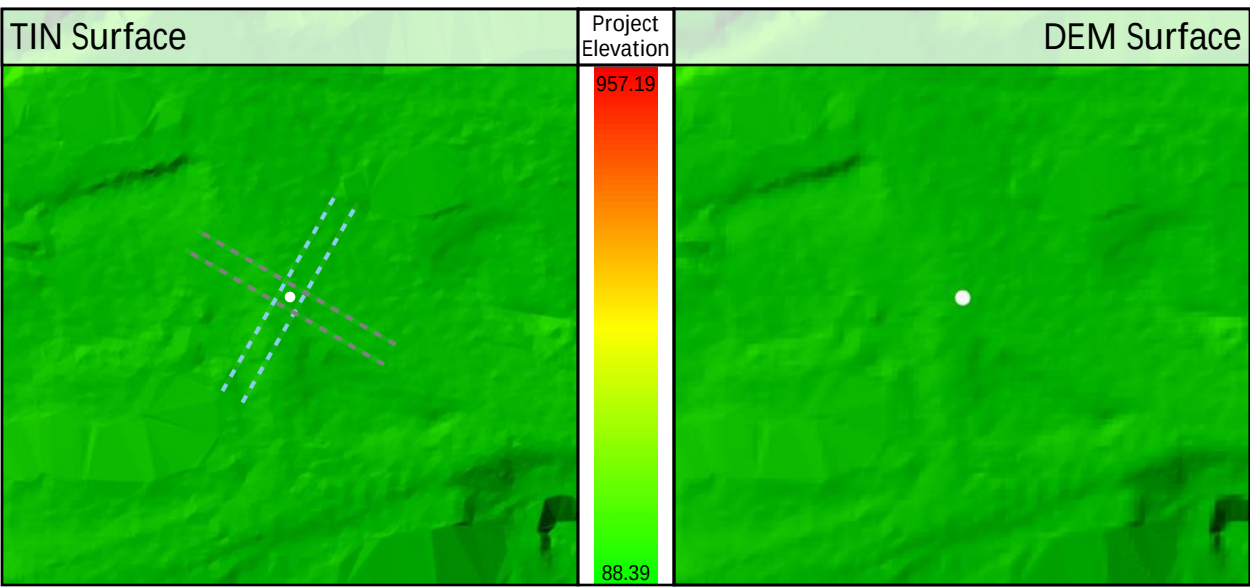
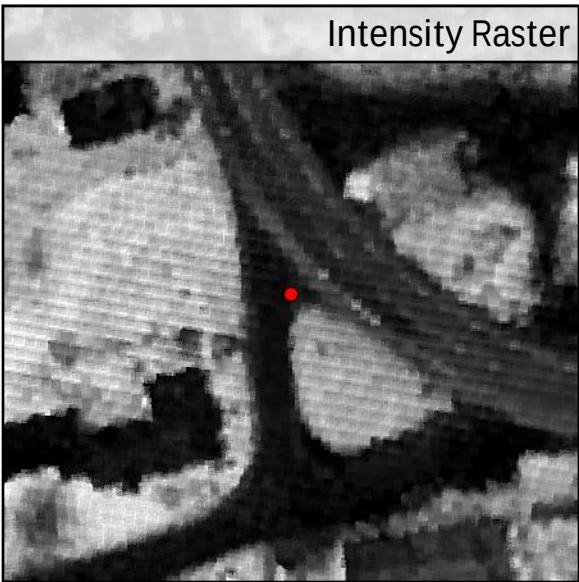
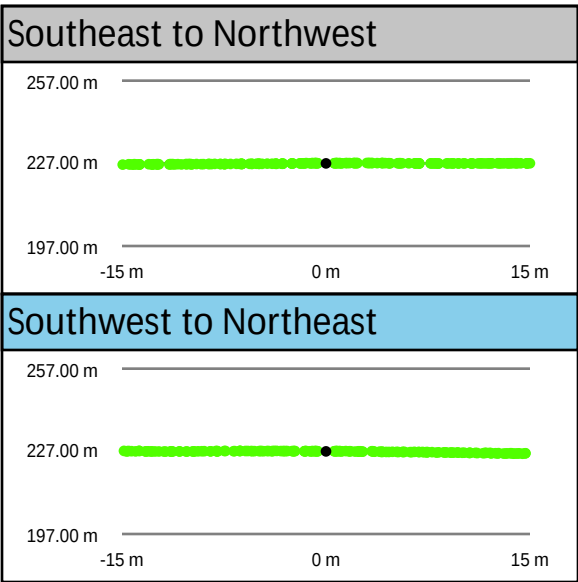
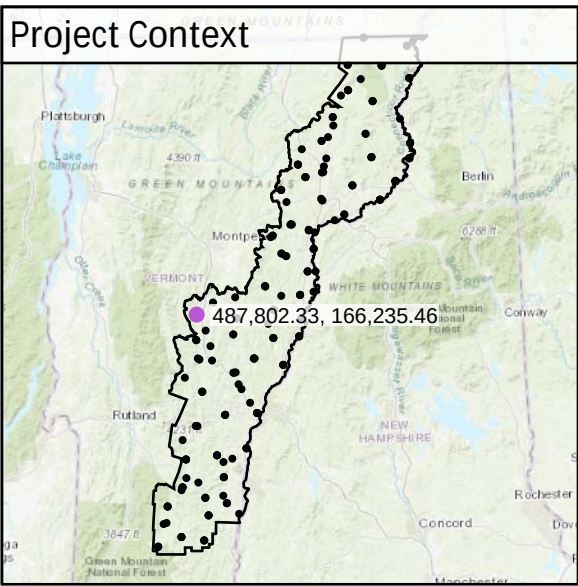
Raw TIN Dz +0.03 m



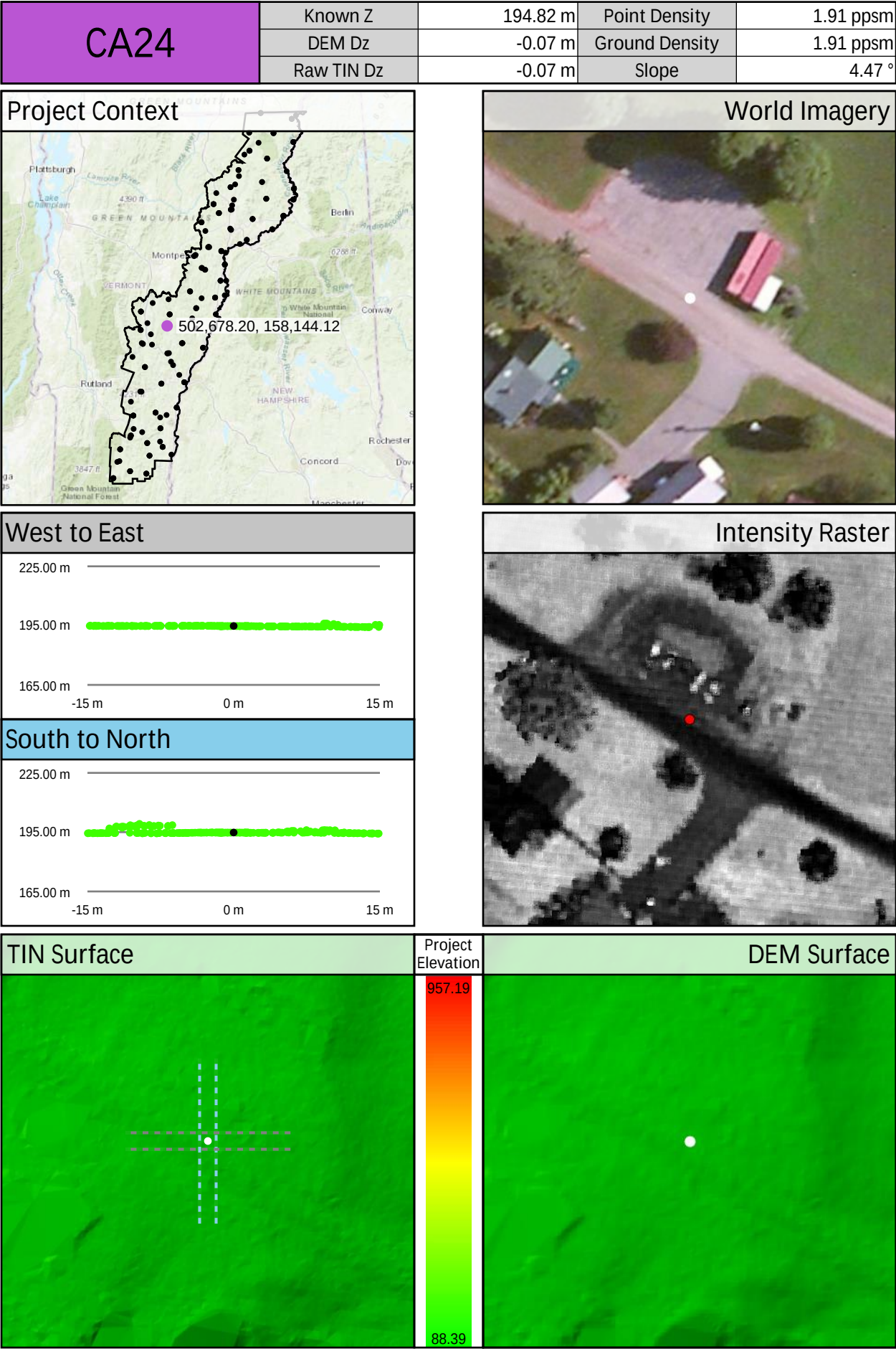
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA22 | Known Z    | 245.12 m | Point Density  | 1.73 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 1.14 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA23 | Known Z    | 226.98 m | Point Density  | 1.66 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 1.63 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 2.69 °    |





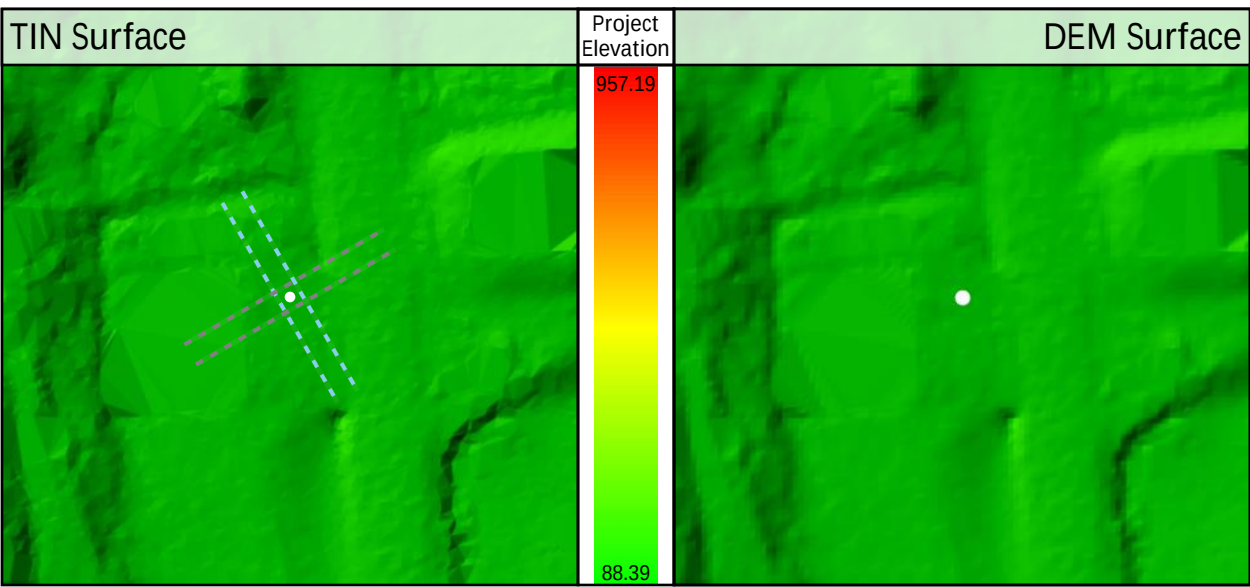
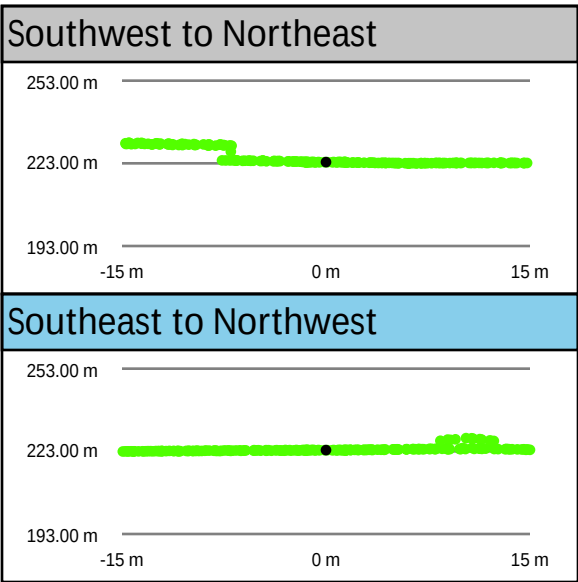
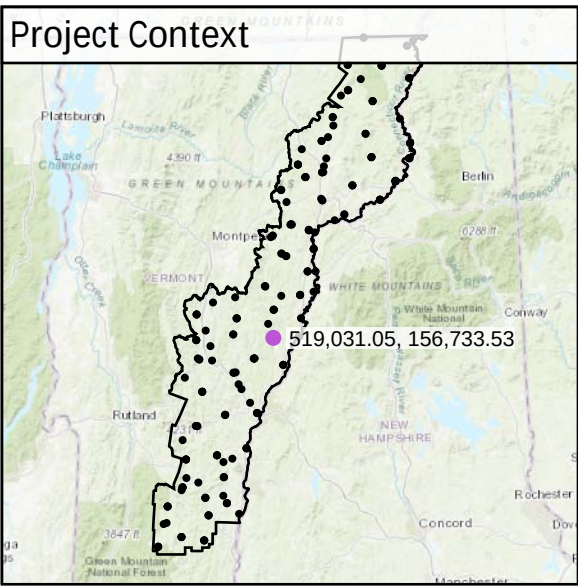


DEM Dz -0.07 m

CAL - CA24

Raw TIN Dz -0.07 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA25 | Known Z    | 223.45 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | -0.02 m  | Slope          | 5.51 °    |



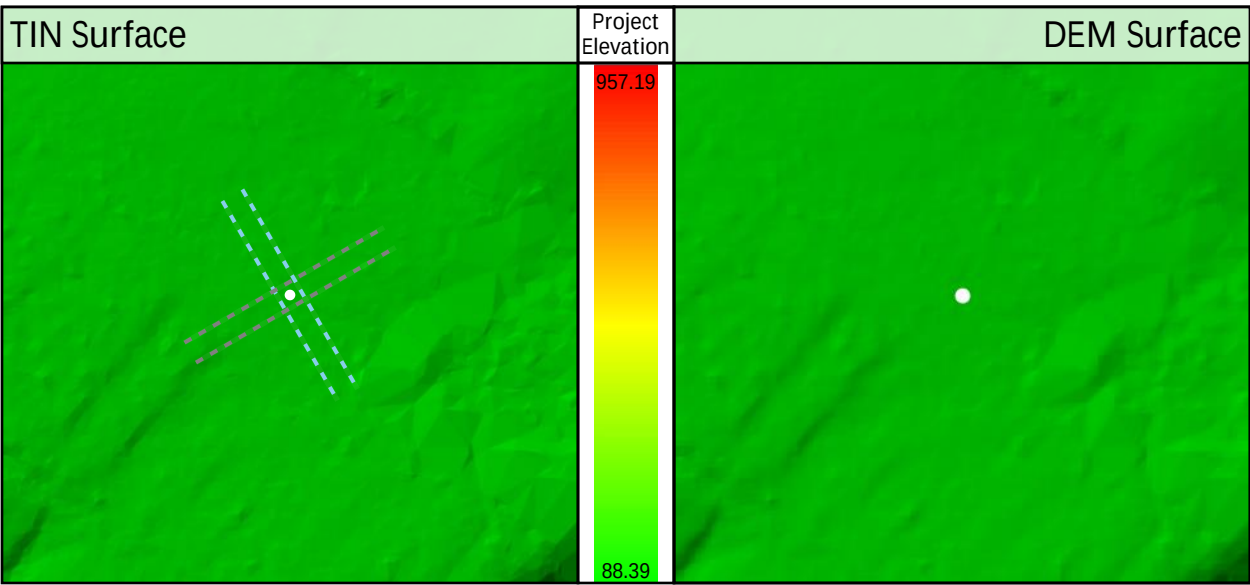
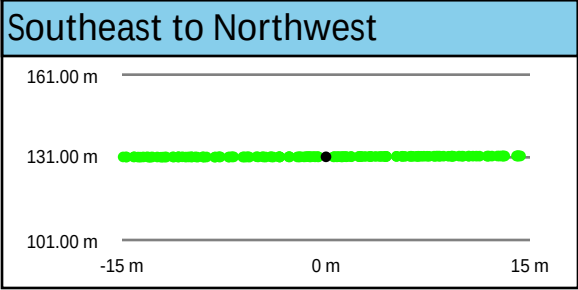
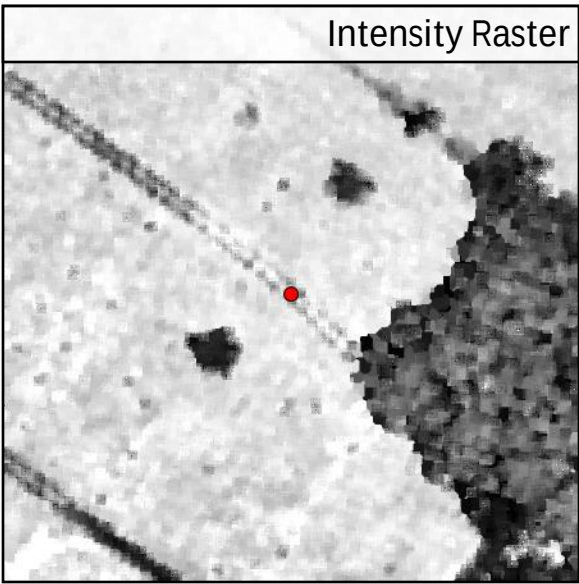
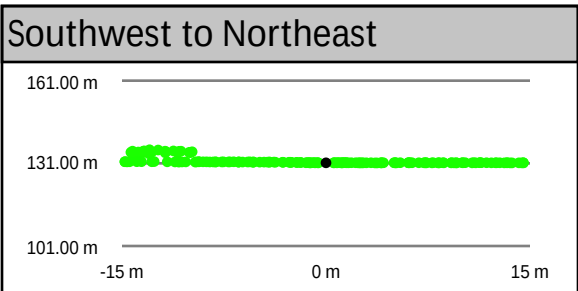
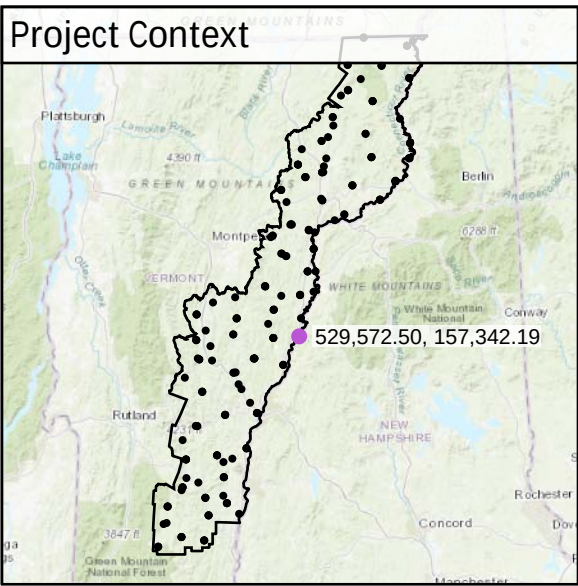
DEM Dz -0.03 m

CAL - CA25

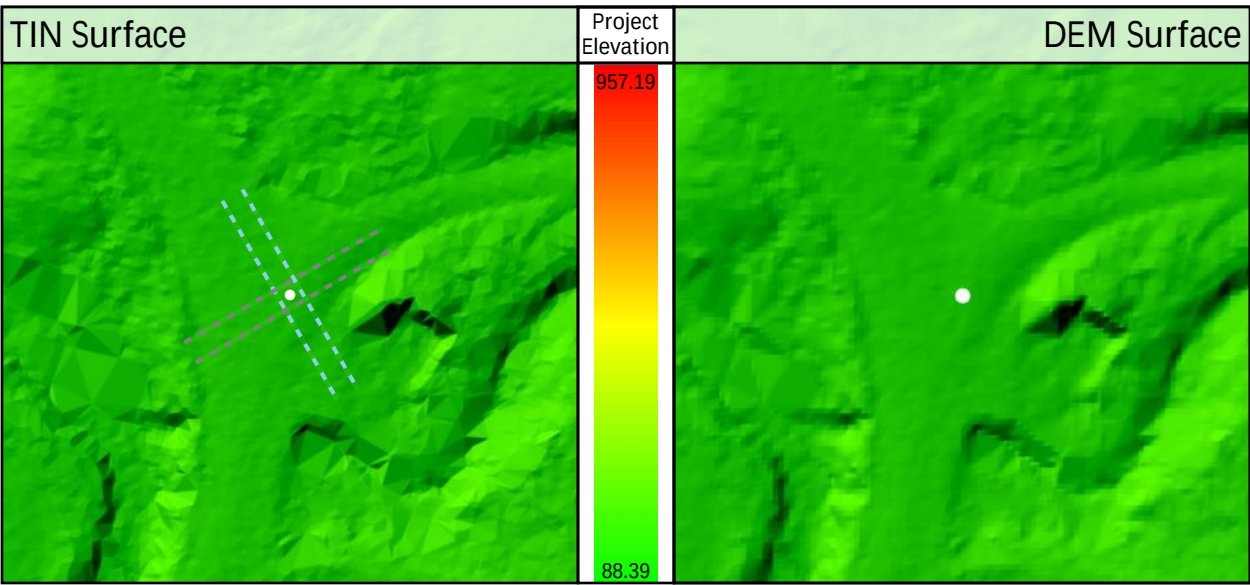
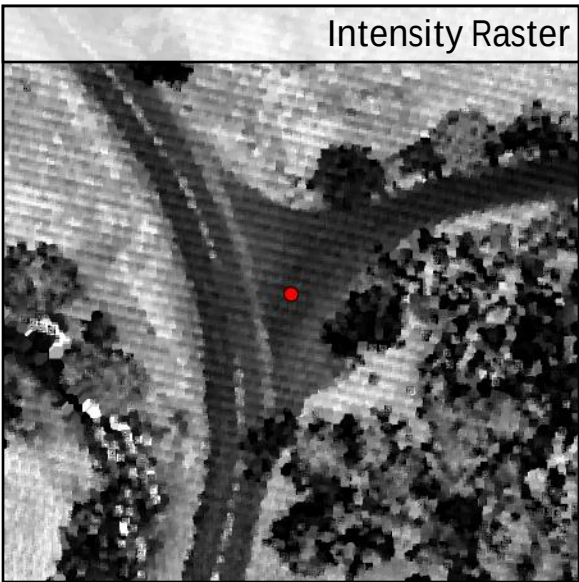
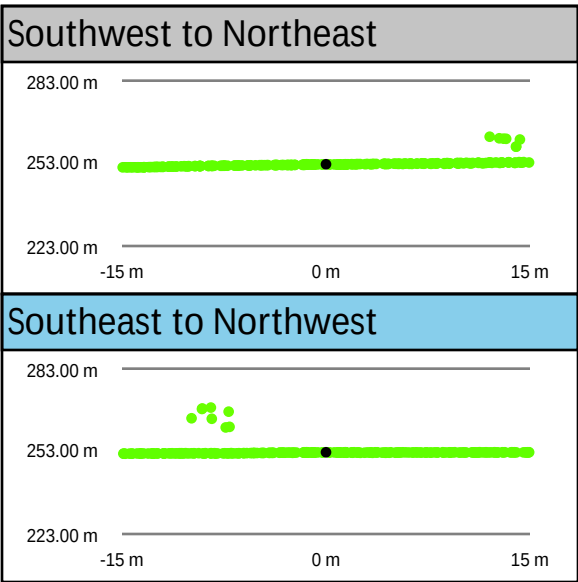
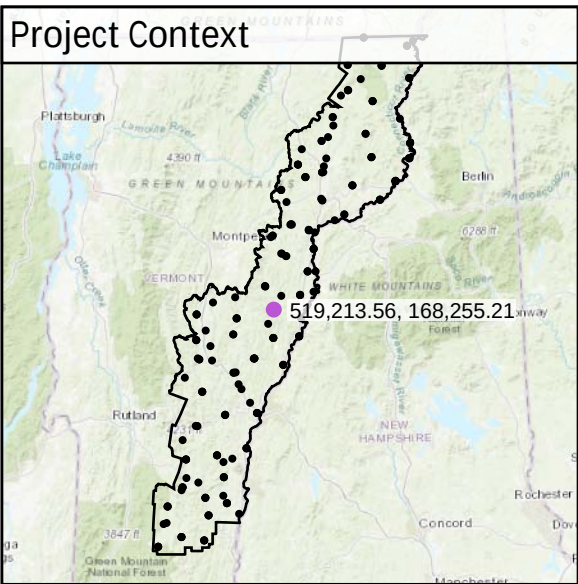
Raw TIN Dz -0.02 m



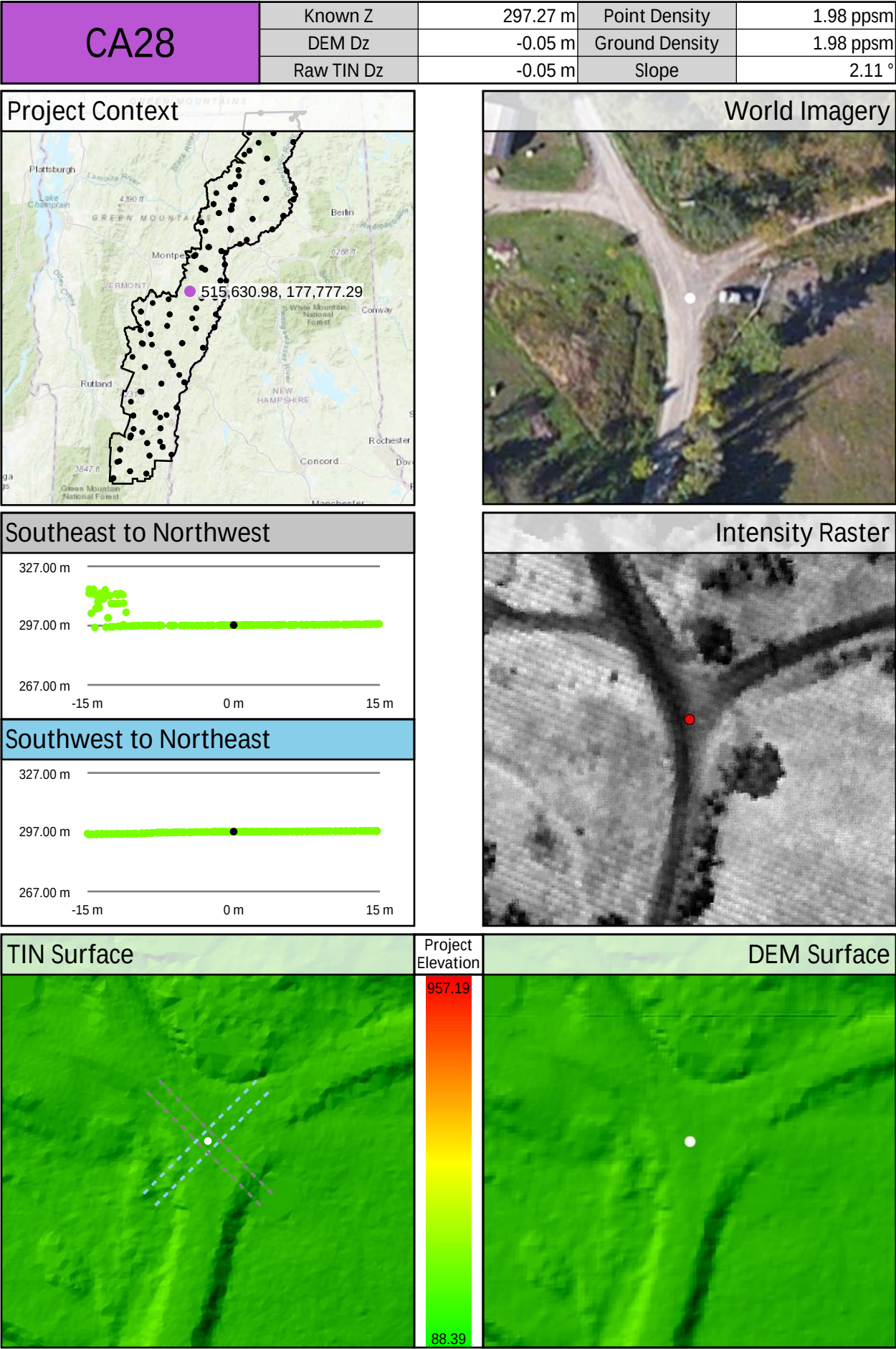
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA26 | Known Z    | 131.19 m | Point Density  | 1.73 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 1.73 ppsm |
|      | Raw TIN Dz | 0.06 m   | Slope          | 2.35 °    |



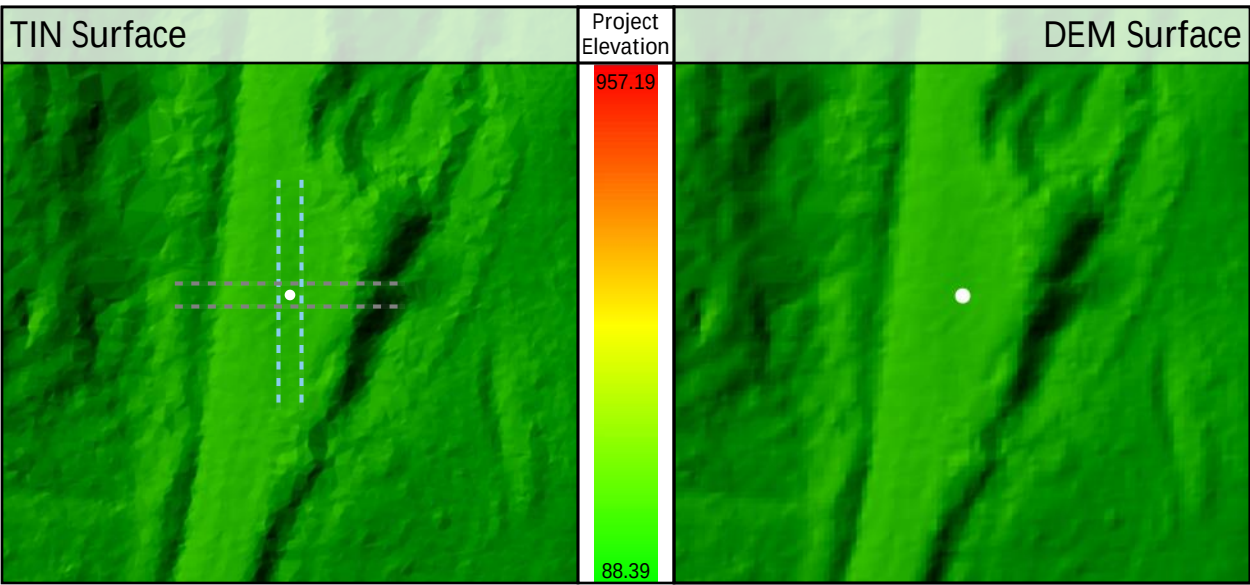
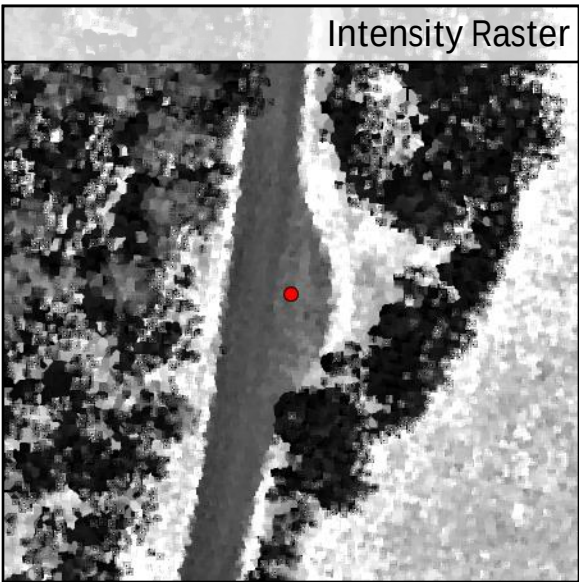
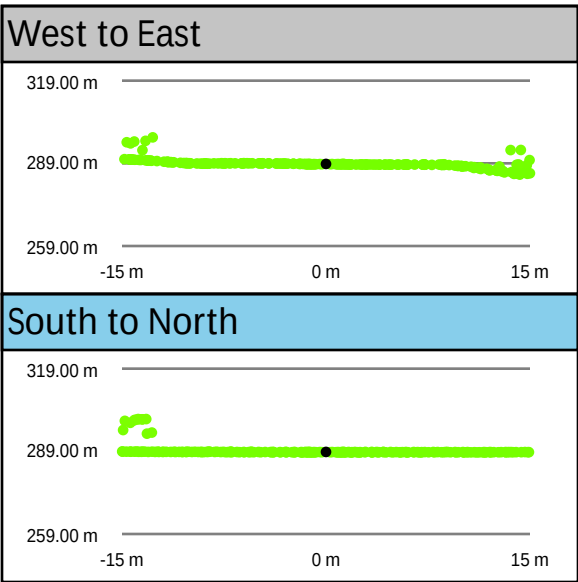
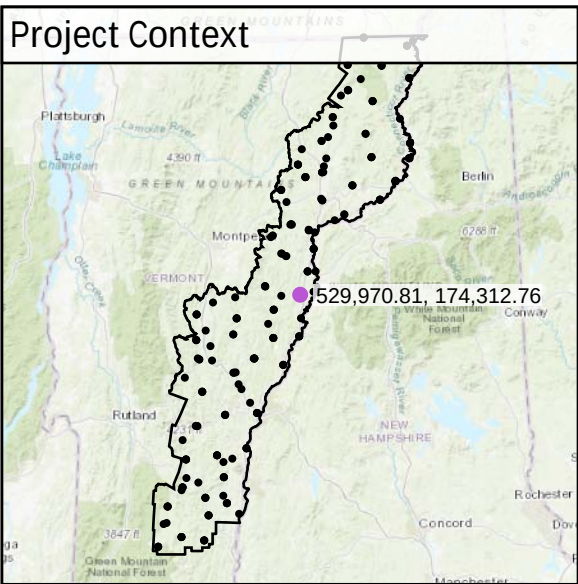
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA27 | Known Z    | 252.66 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | -0.08 m  | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | -0.08 m  | Slope          | 3.62 °    |



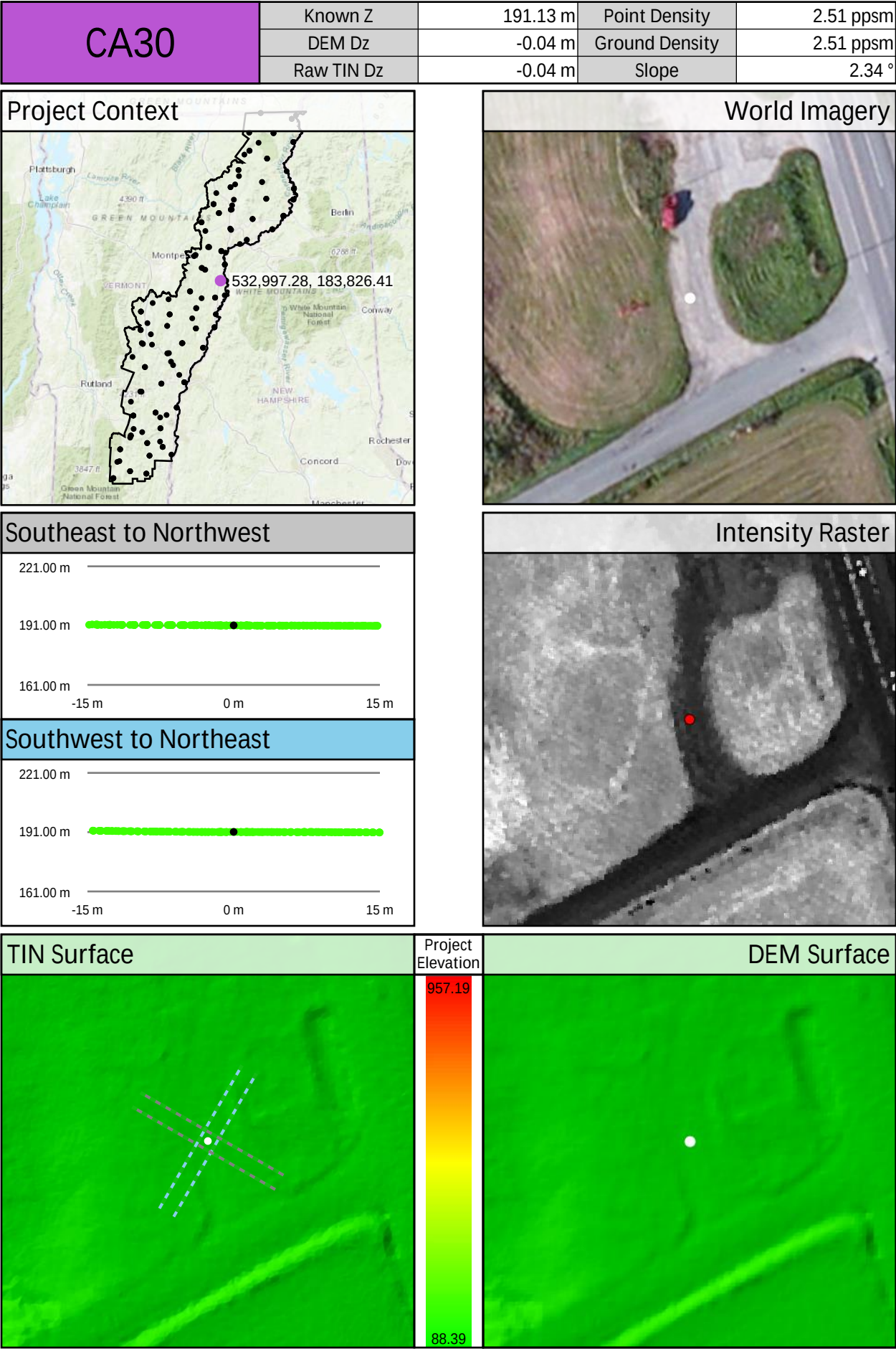




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA29 | Known Z    | 288.78 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | -0.09 m  | Ground Density | 2.02 ppsm |
|      | Raw TIN Dz | -0.09 m  | Slope          | 4.55 °    |





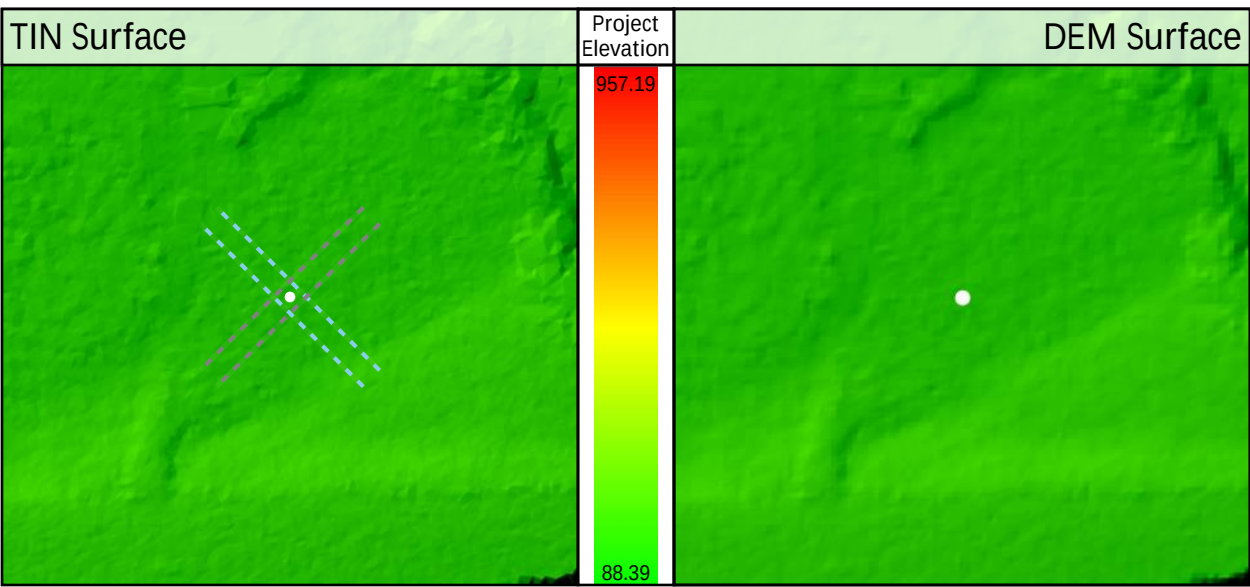
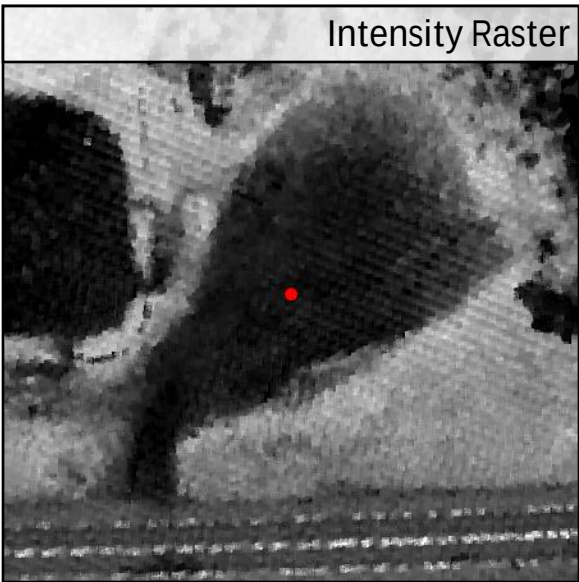
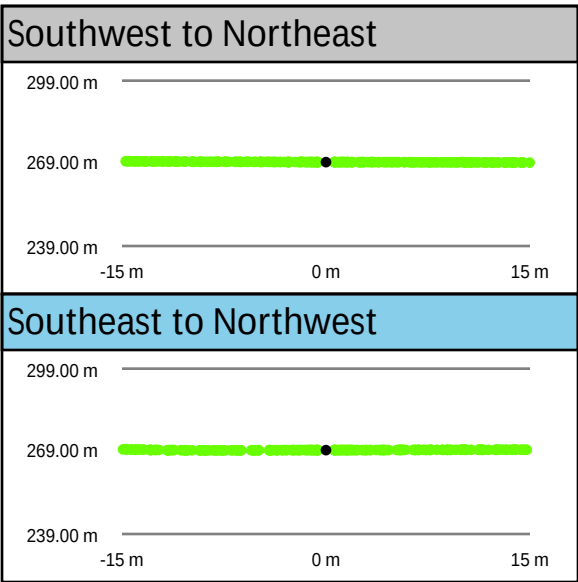
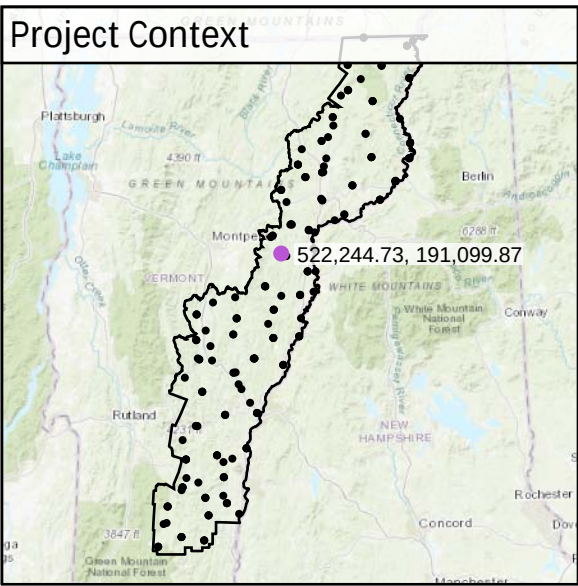


DEM Dz -0.04 m

CAL - CA30

Raw TIN Dz -0.04 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA31 | Known Z    | 269.44 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 2.12 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 1.87 °    |



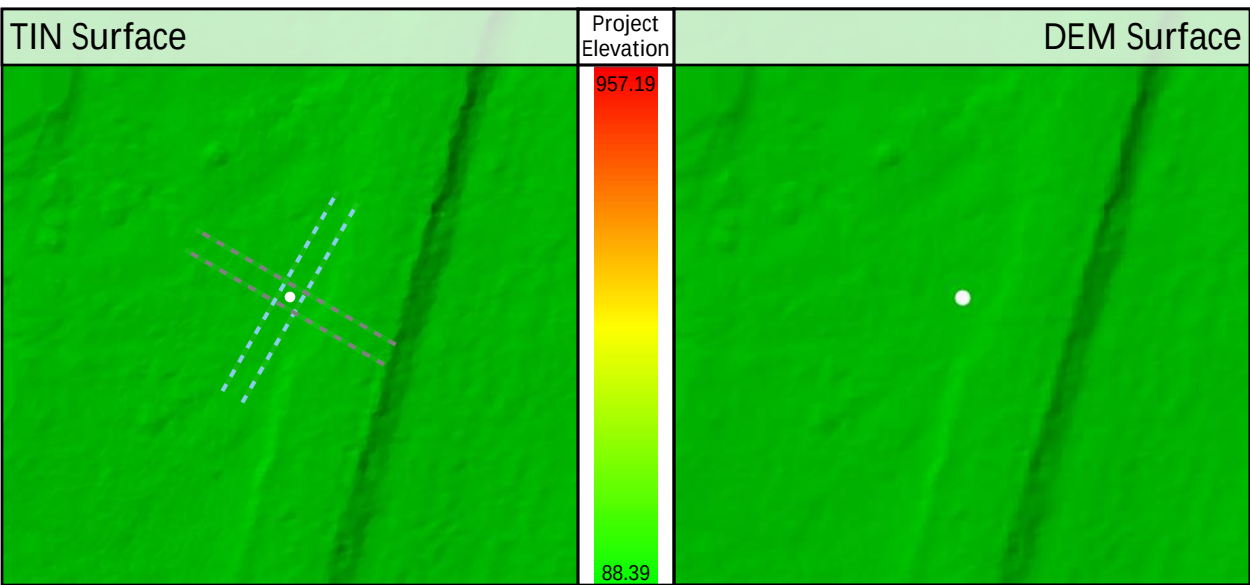
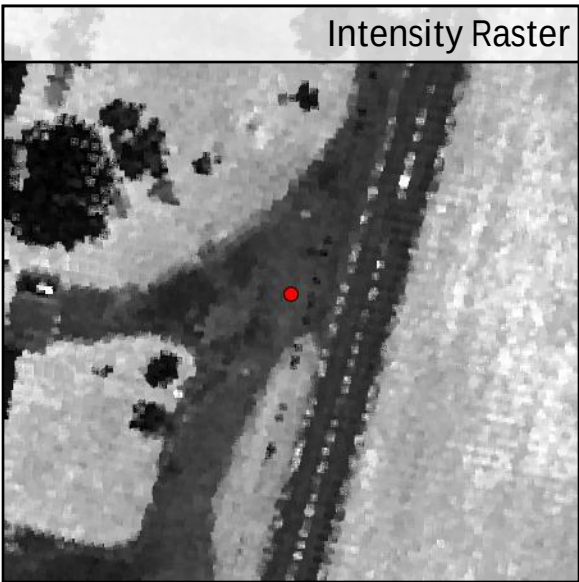
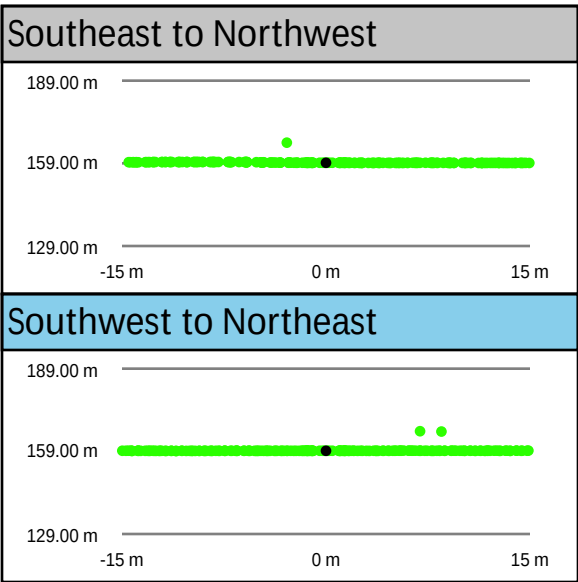
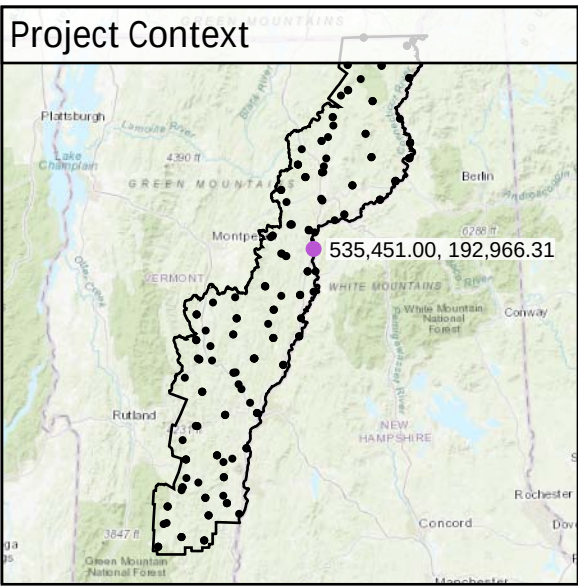
DEM Dz +0.01 m

CAL - CA31

Raw TIN Dz +0.03 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA32 | Known Z    | 159.19 m | Point Density  | 2.09 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 2.09 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 0.66 °    |

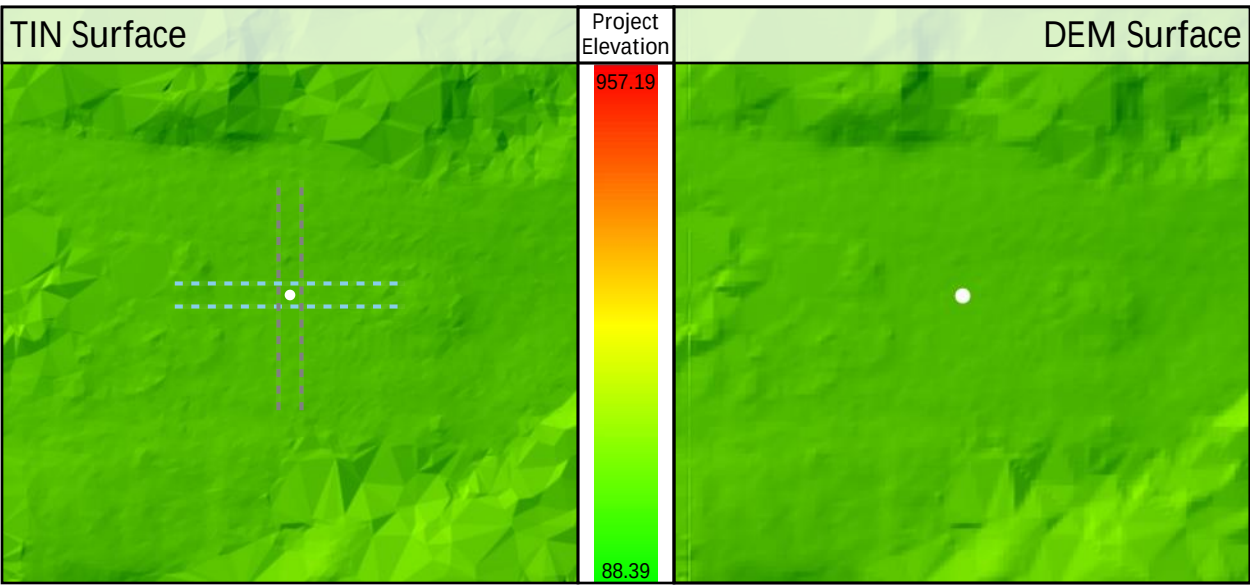
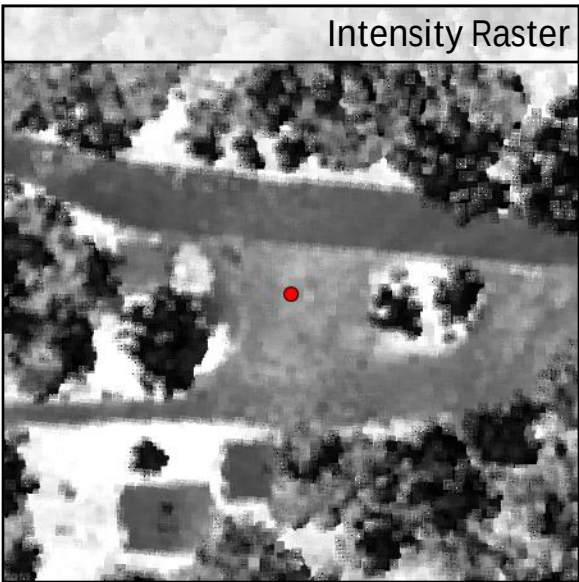
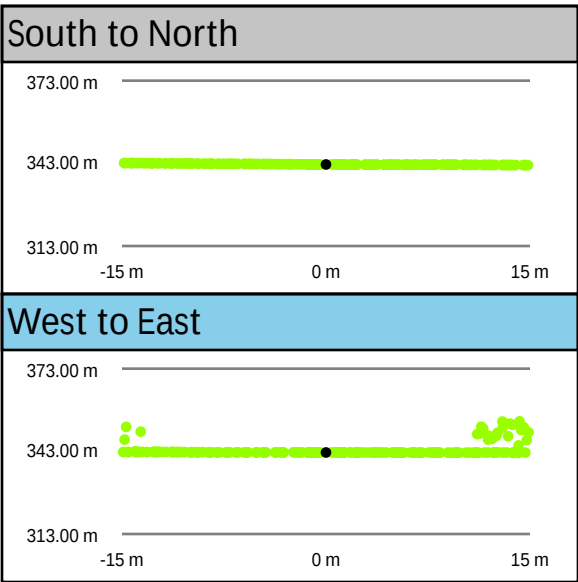
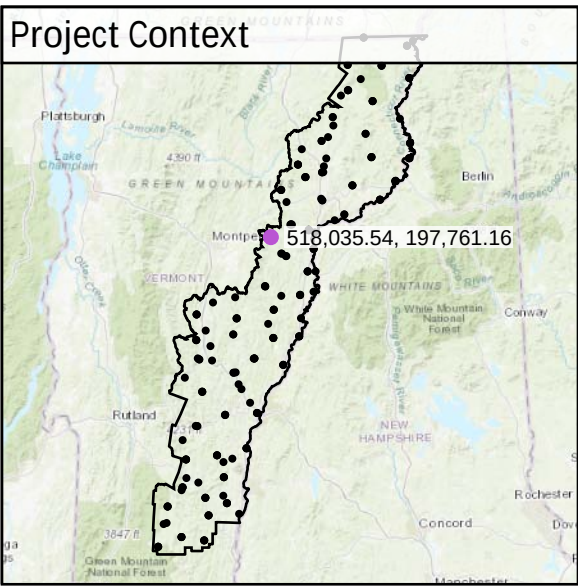


DEM Dz +0.01 m

CAL - CA32

Raw TIN Dz +0.01 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA33 | Known Z    | 342.58 m | Point Density  | 1.91 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.91 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 2.03 °    |



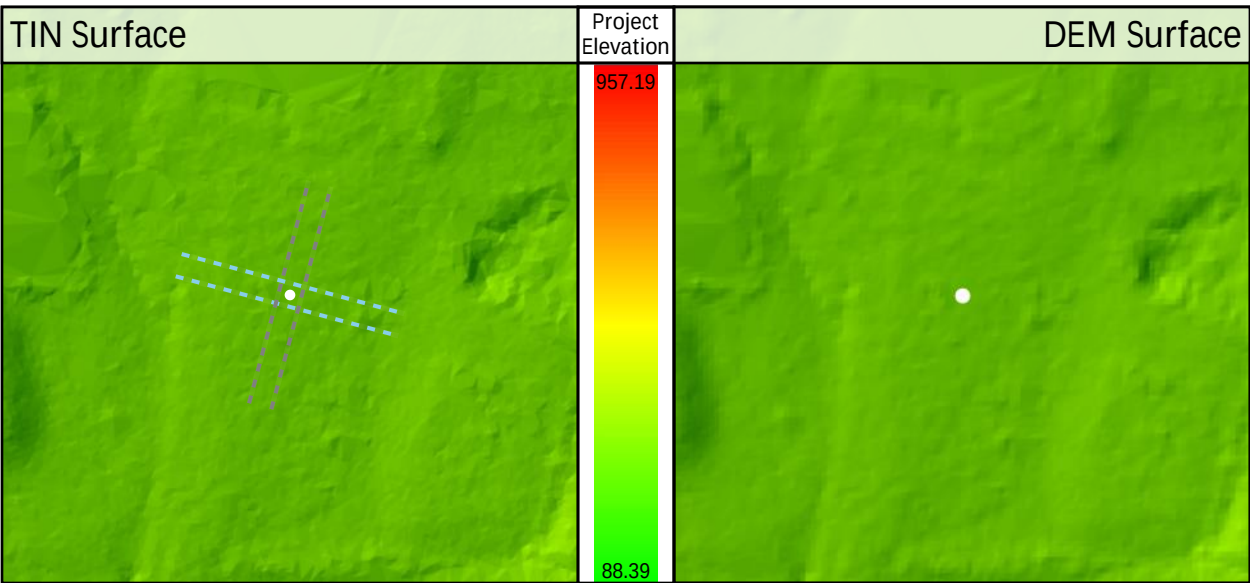
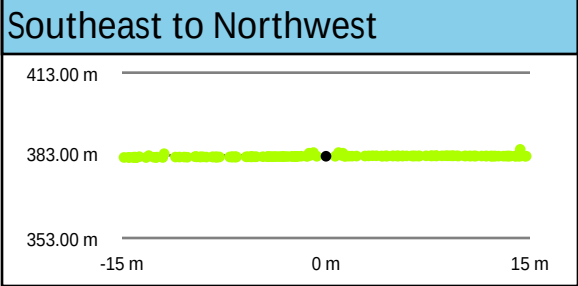
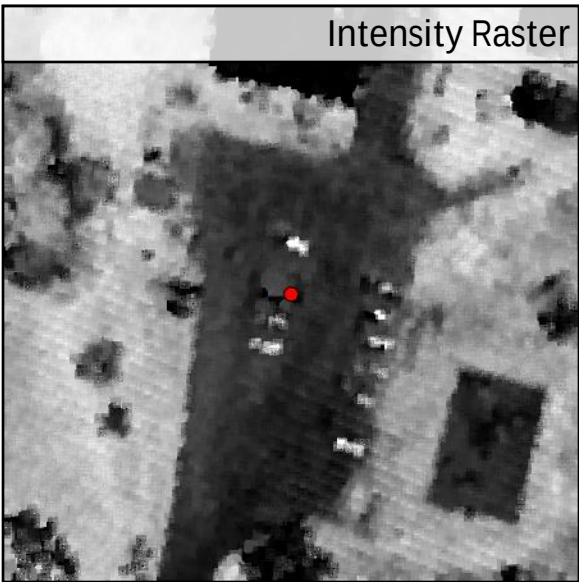
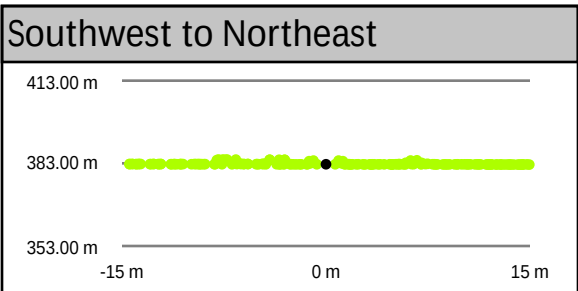
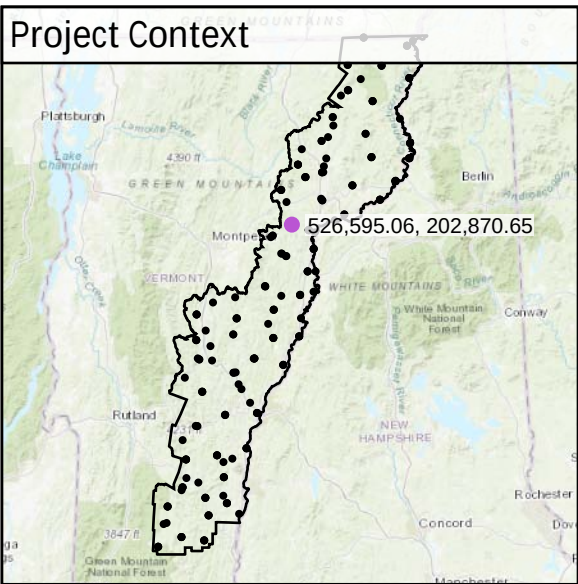
DEM Dz +0.01 m

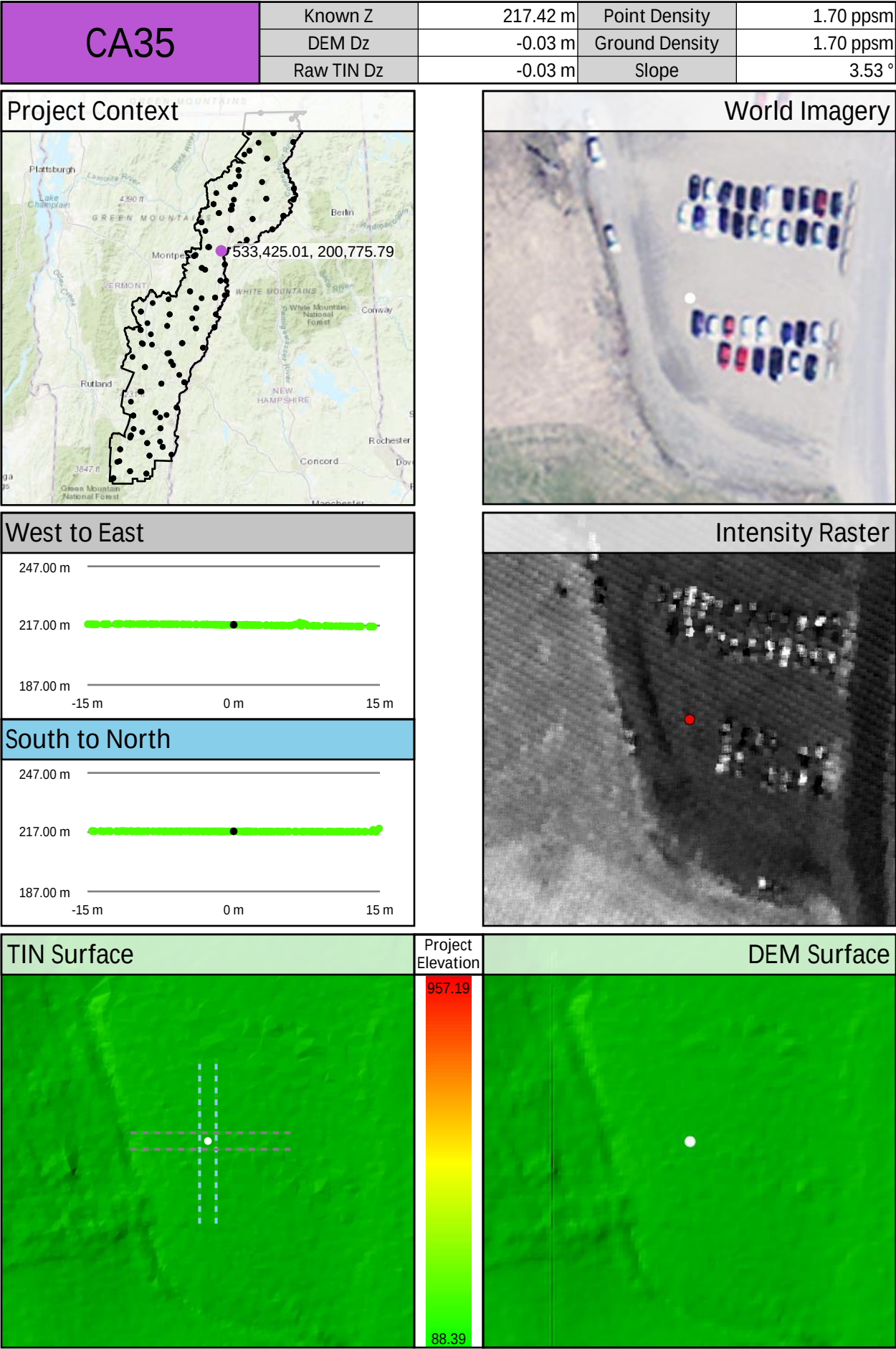
CAL - CA33

Raw TIN Dz -0.01 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA34 | Known Z    | 382.66 m | Point Density  | 1.34 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.17 ppsm |
|      | Raw TIN Dz | 0.25 m   | Slope          | 1.15 °    |





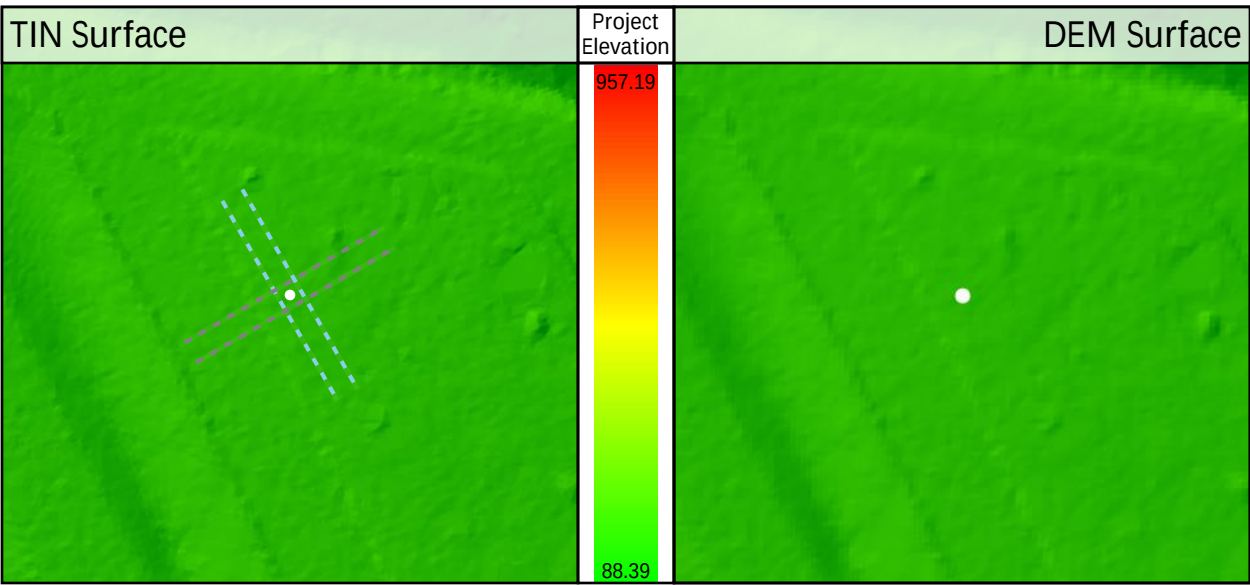
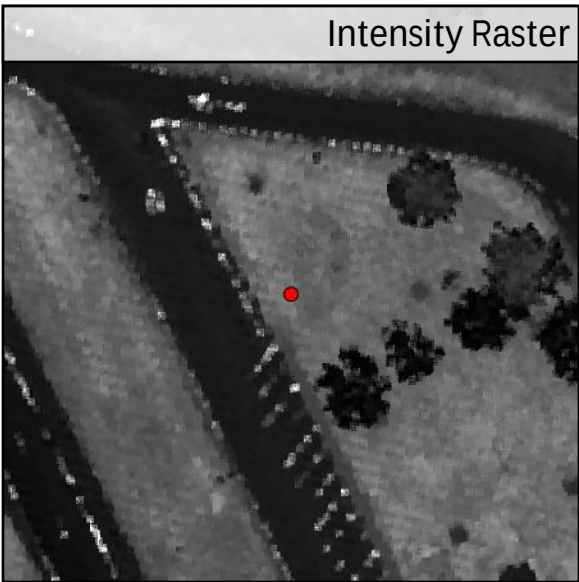
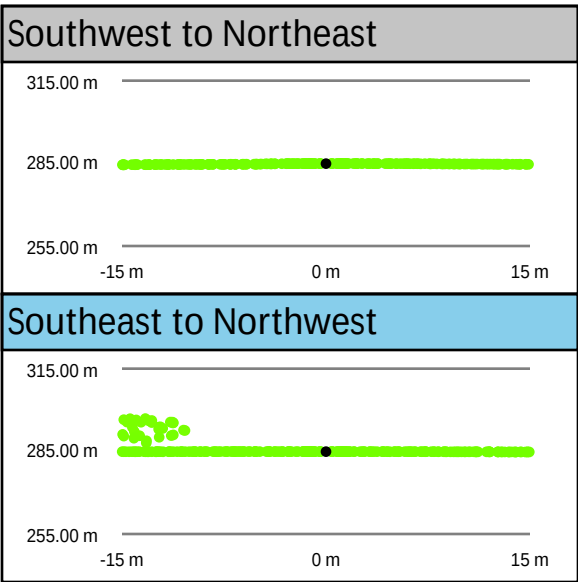
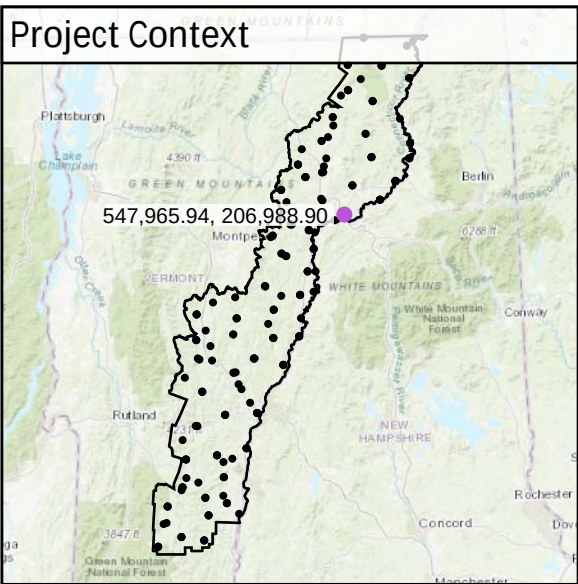
DEM Dz -0.03 m

CAL - CA35

Raw TIN Dz -0.03 m



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA36 | Known Z    | 284.89 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 0.15 °    |

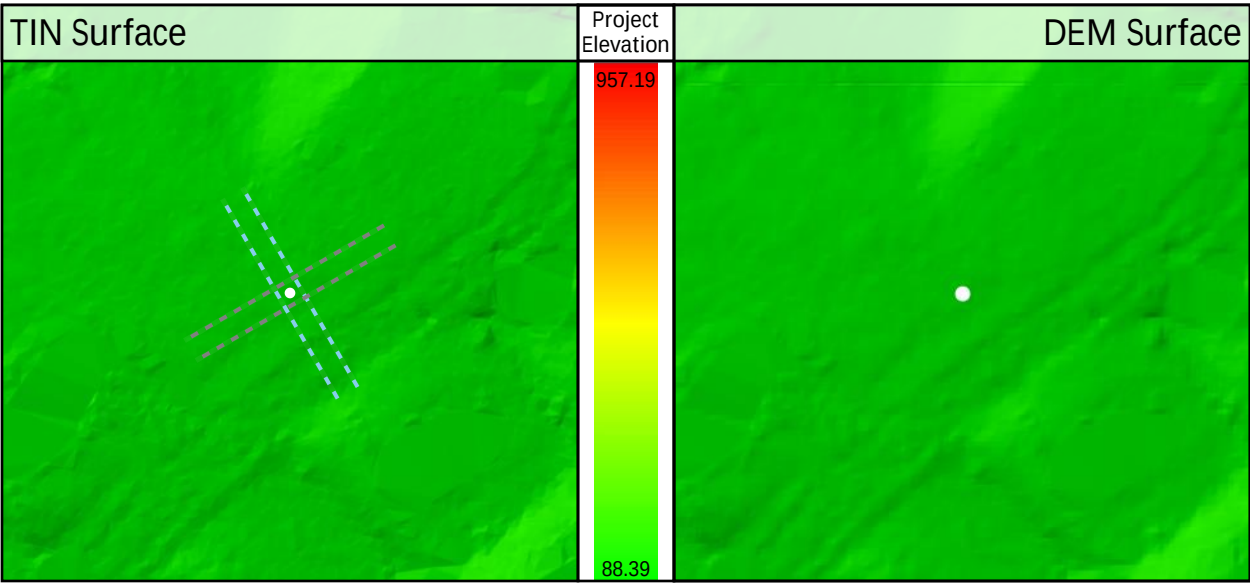
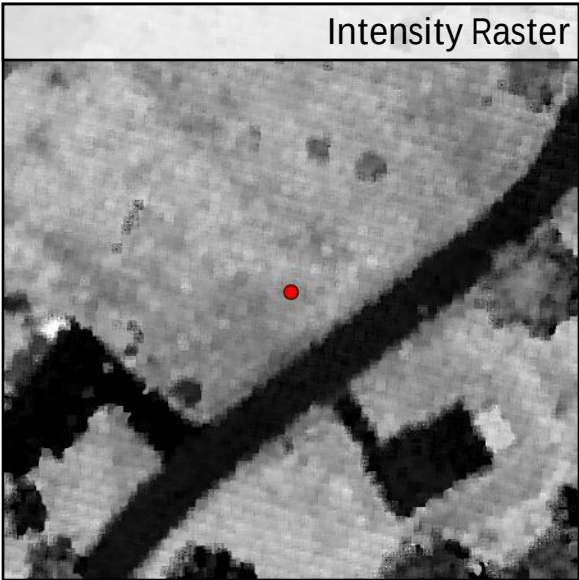
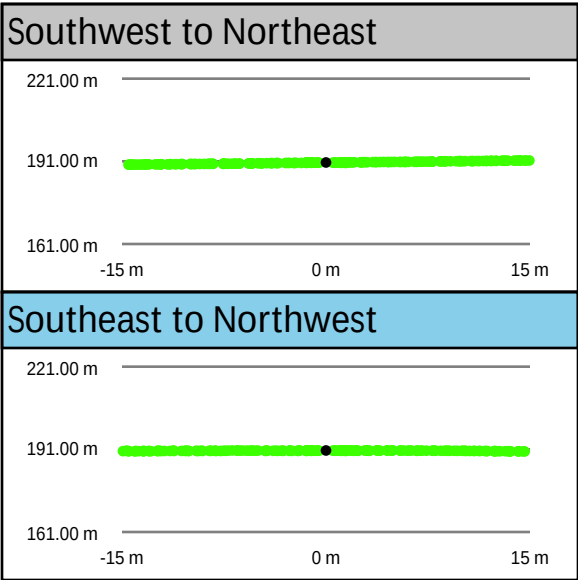
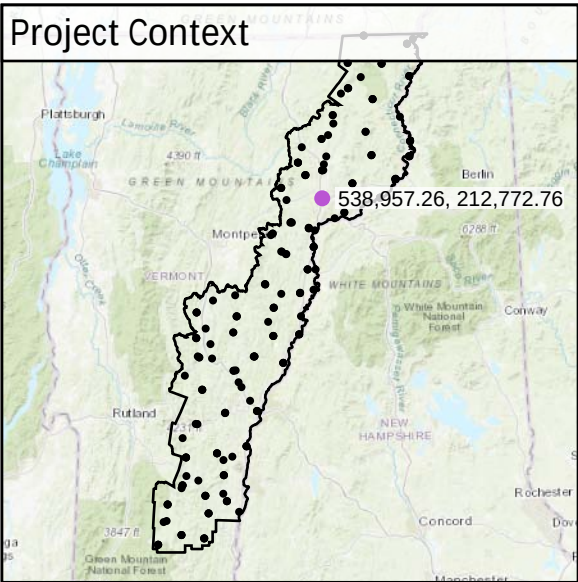


DEM Dz +0.03 m

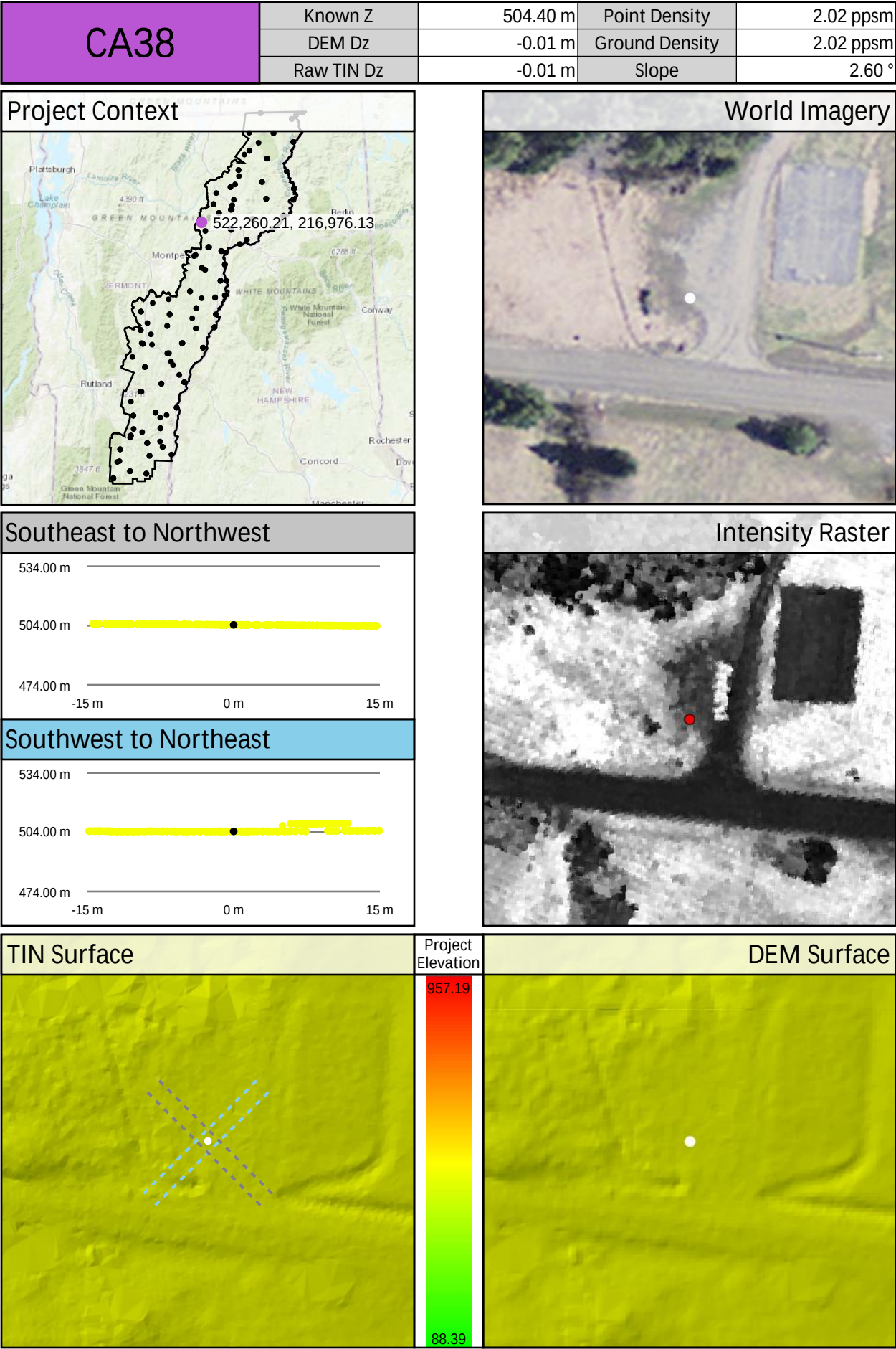
CAL - CA36

Raw TIN Dz +0.03 m

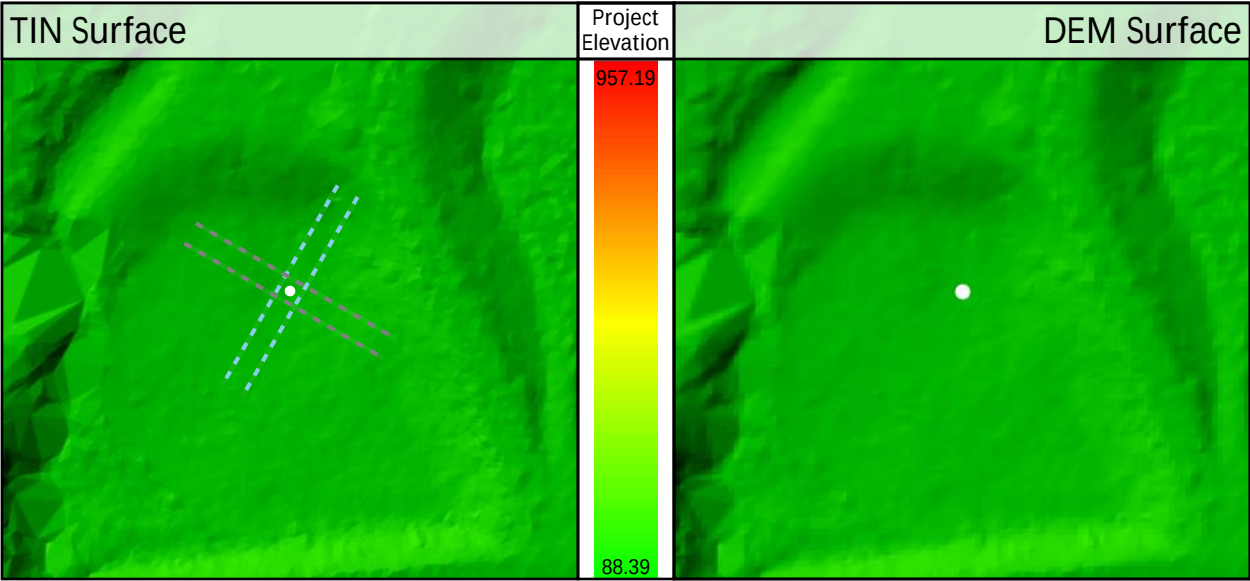
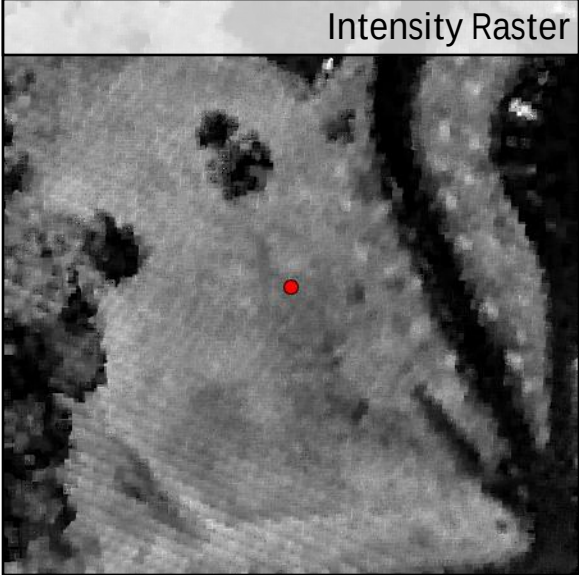
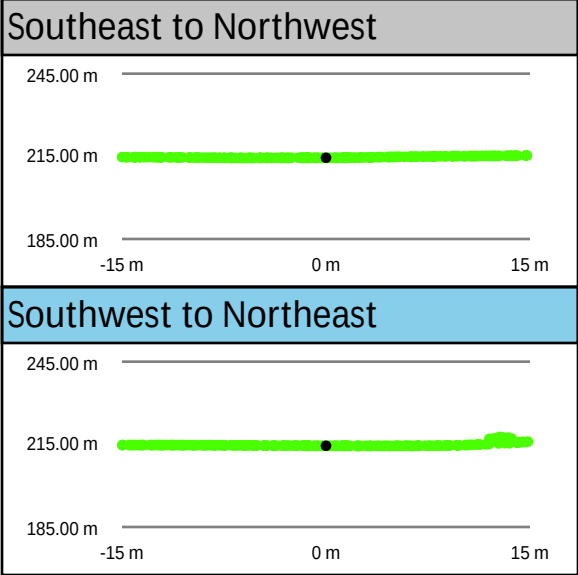
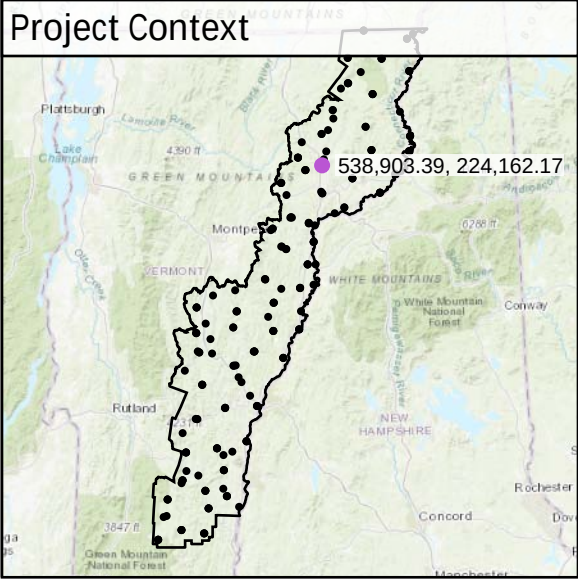
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA37 | Known Z    | 190.58 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | -0.06 m  | Slope          | 4.10 °    |





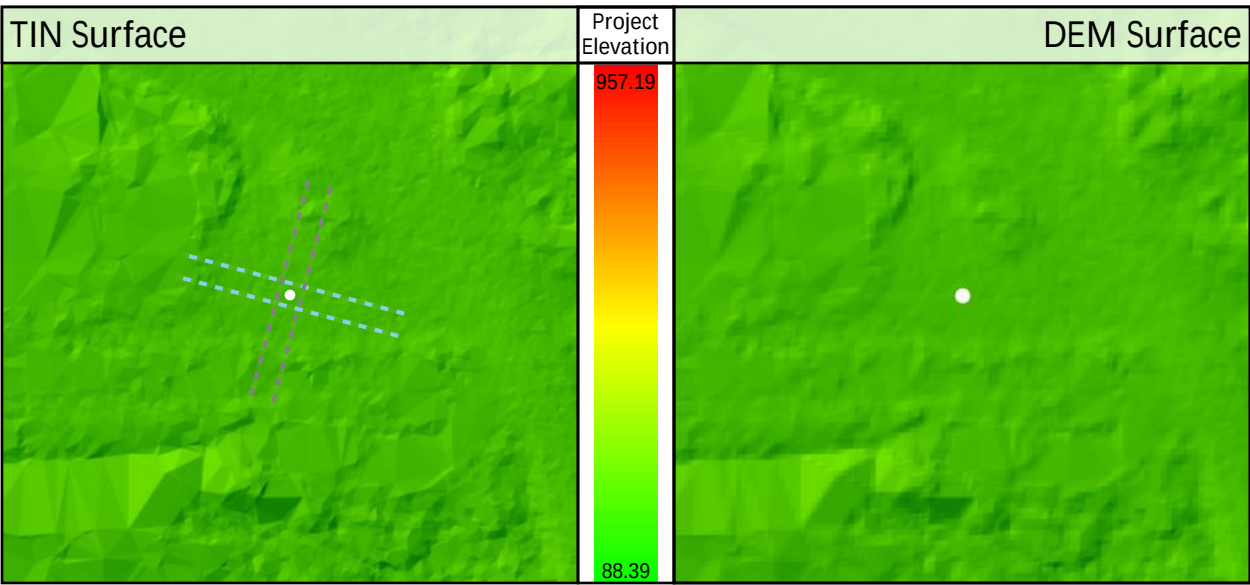
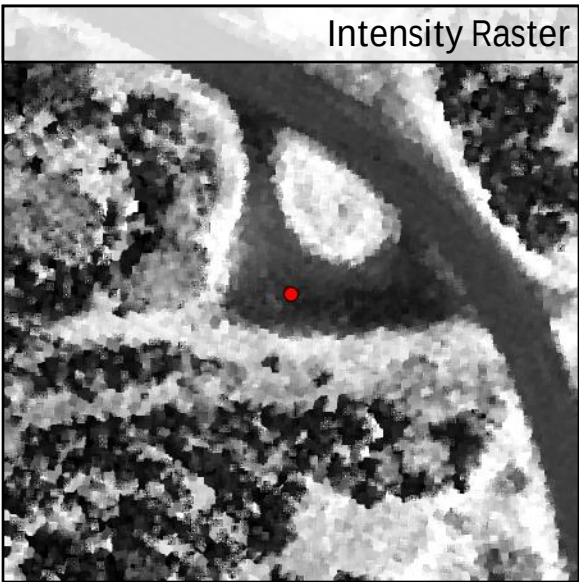
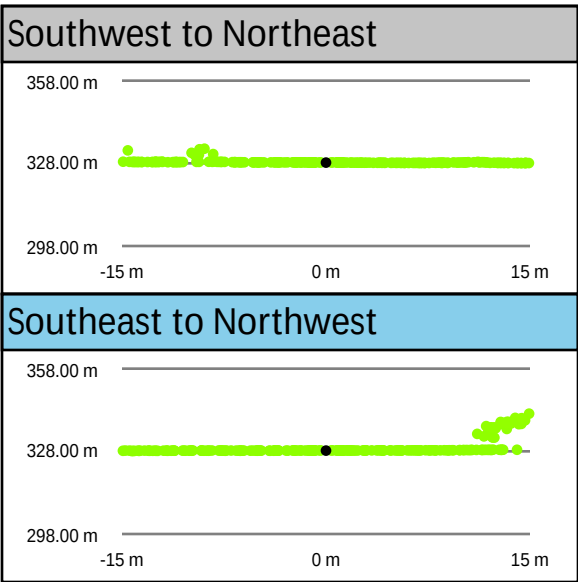
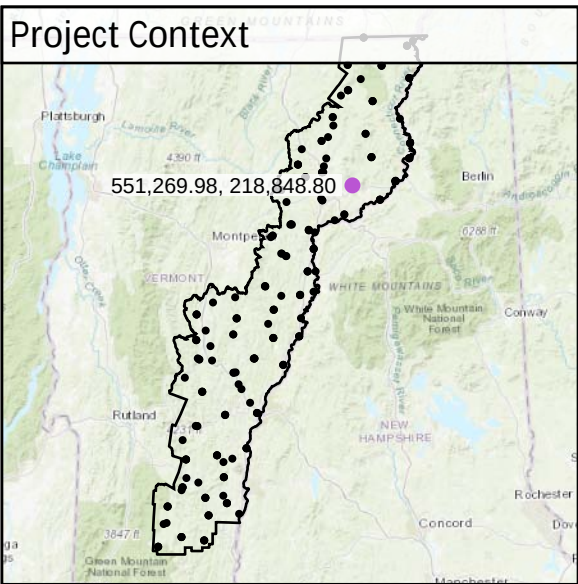


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA39 | Known Z    | 214.48 m | Point Density  | 1.80 ppsm |
|      | DEM Dz     | -0.02 m  | Ground Density | 1.80 ppsm |
|      | Raw TIN Dz | -0.03 m  | Slope          | 2.39 °    |

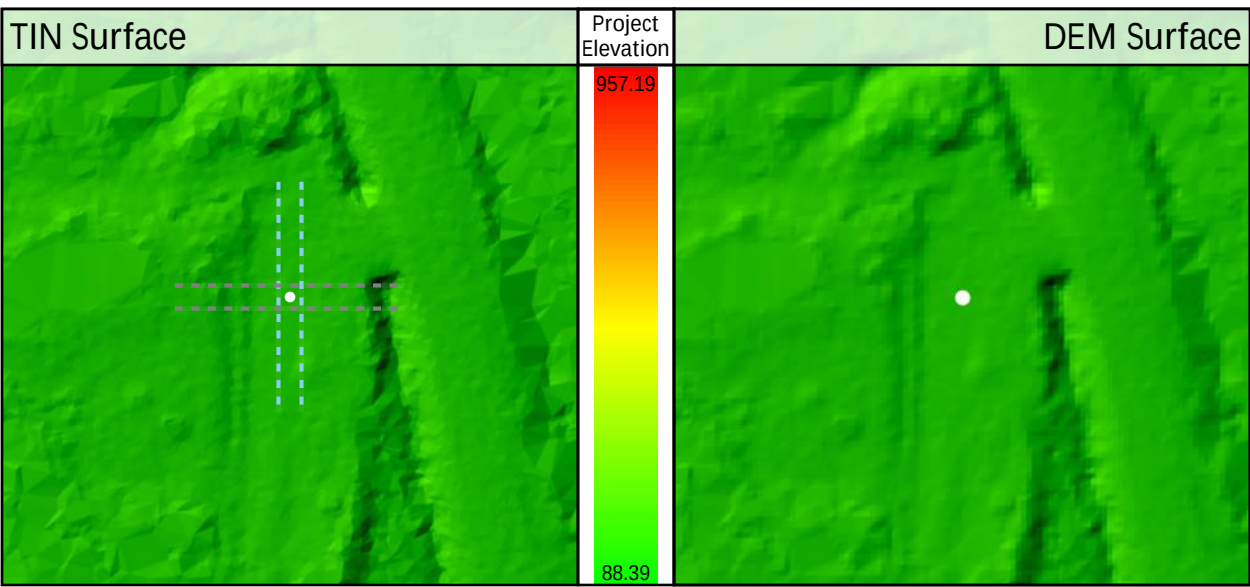
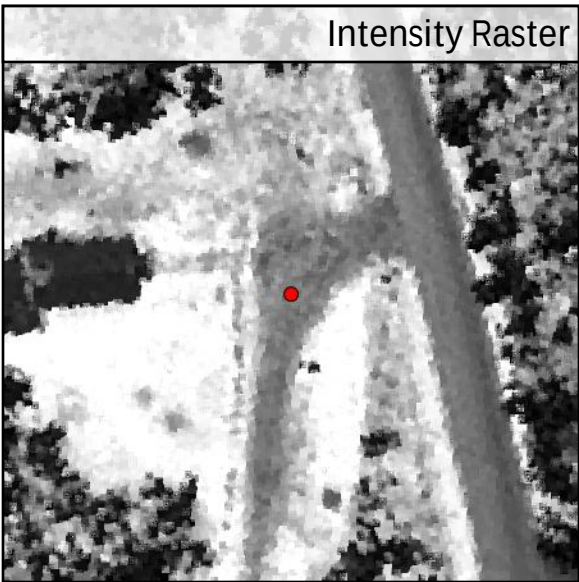
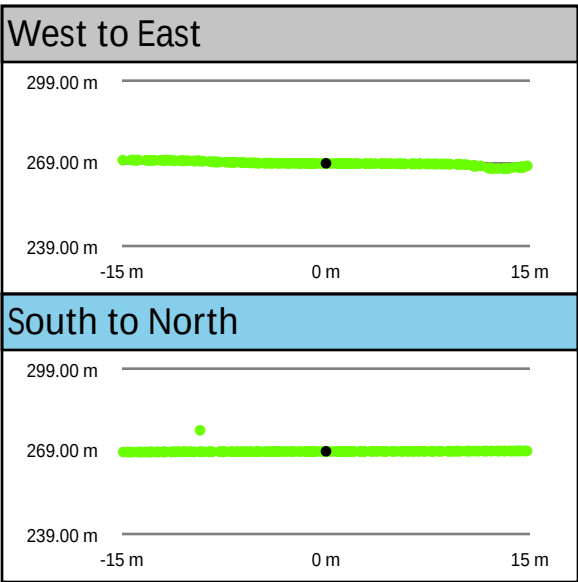
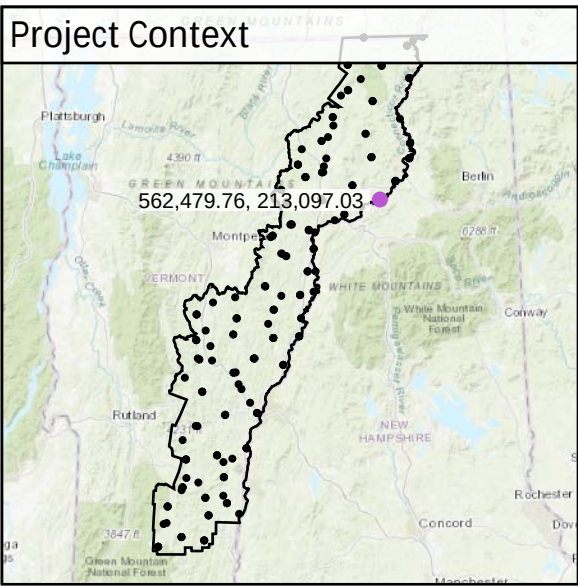




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA40 | Known Z    | 328.26 m | Point Density  | 2.09 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 2.09 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 1.39 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA41 | Known Z    | 268.99 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 2.12 ppsm |
|      | Raw TIN Dz | -0.05 m  | Slope          | 2.12 °    |



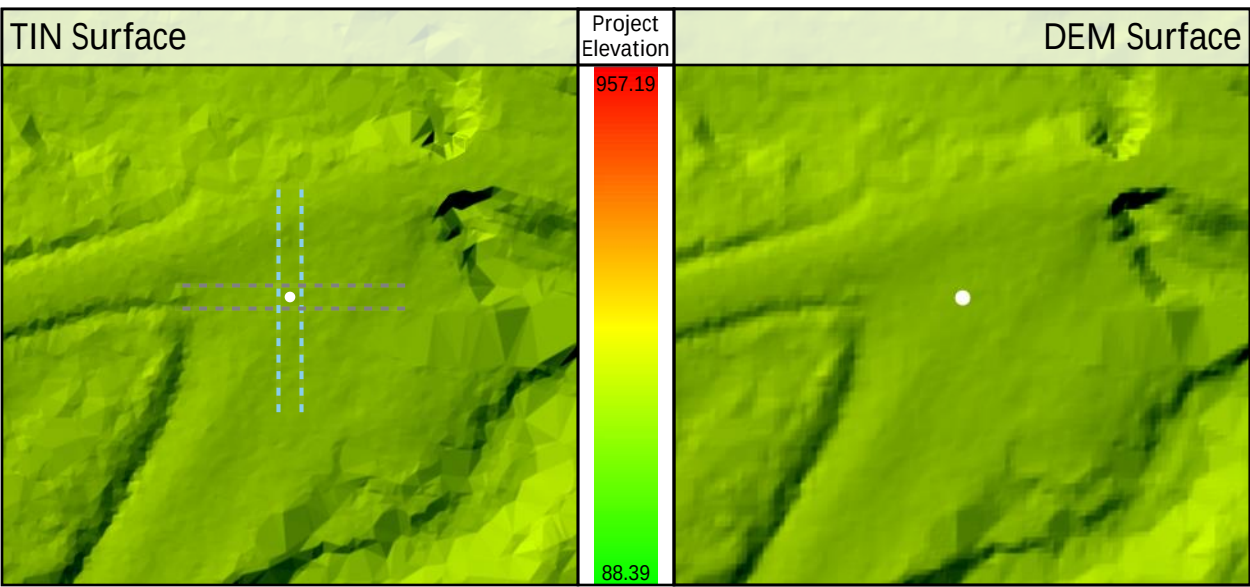
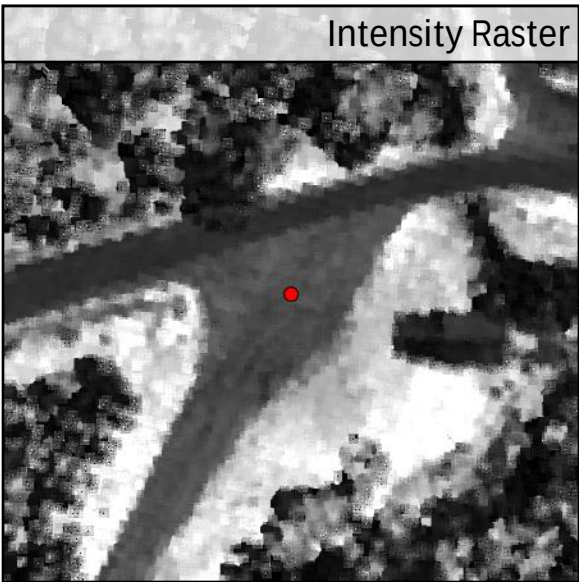
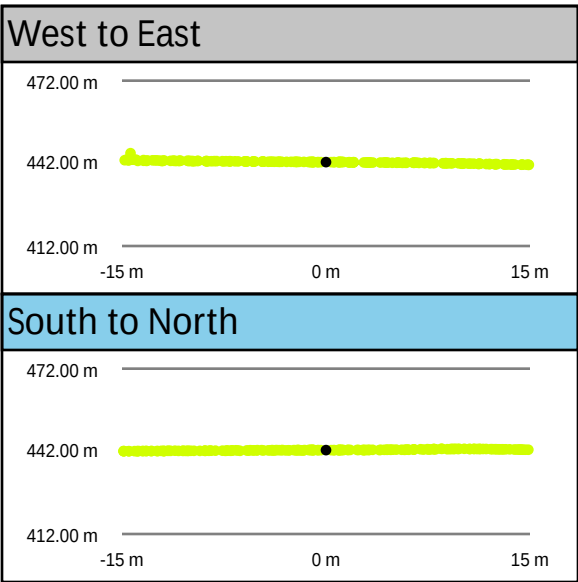
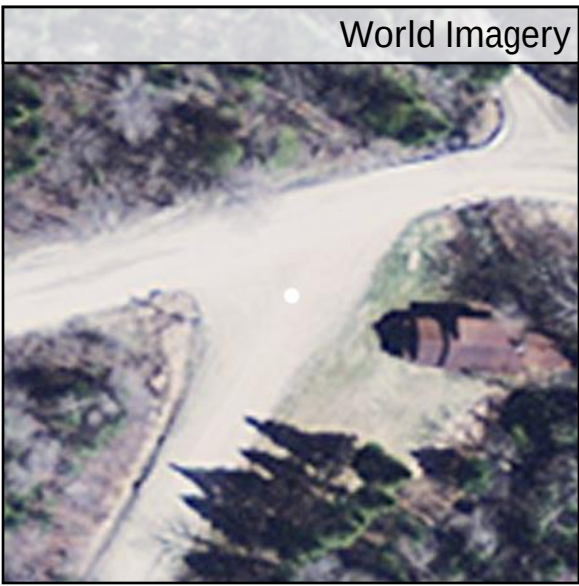
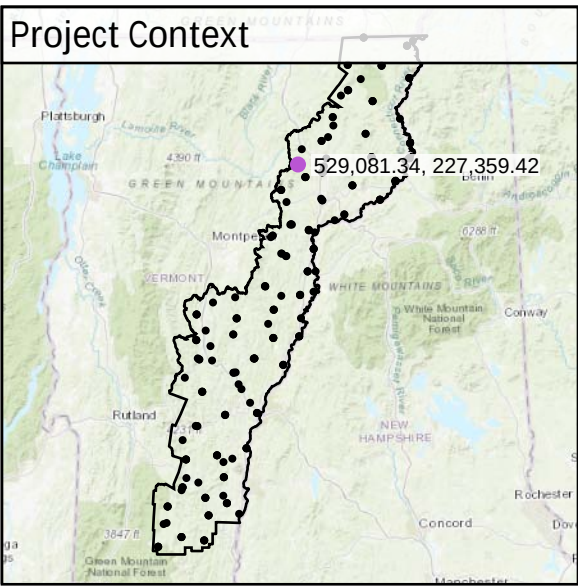
DEM Dz -0.05 m

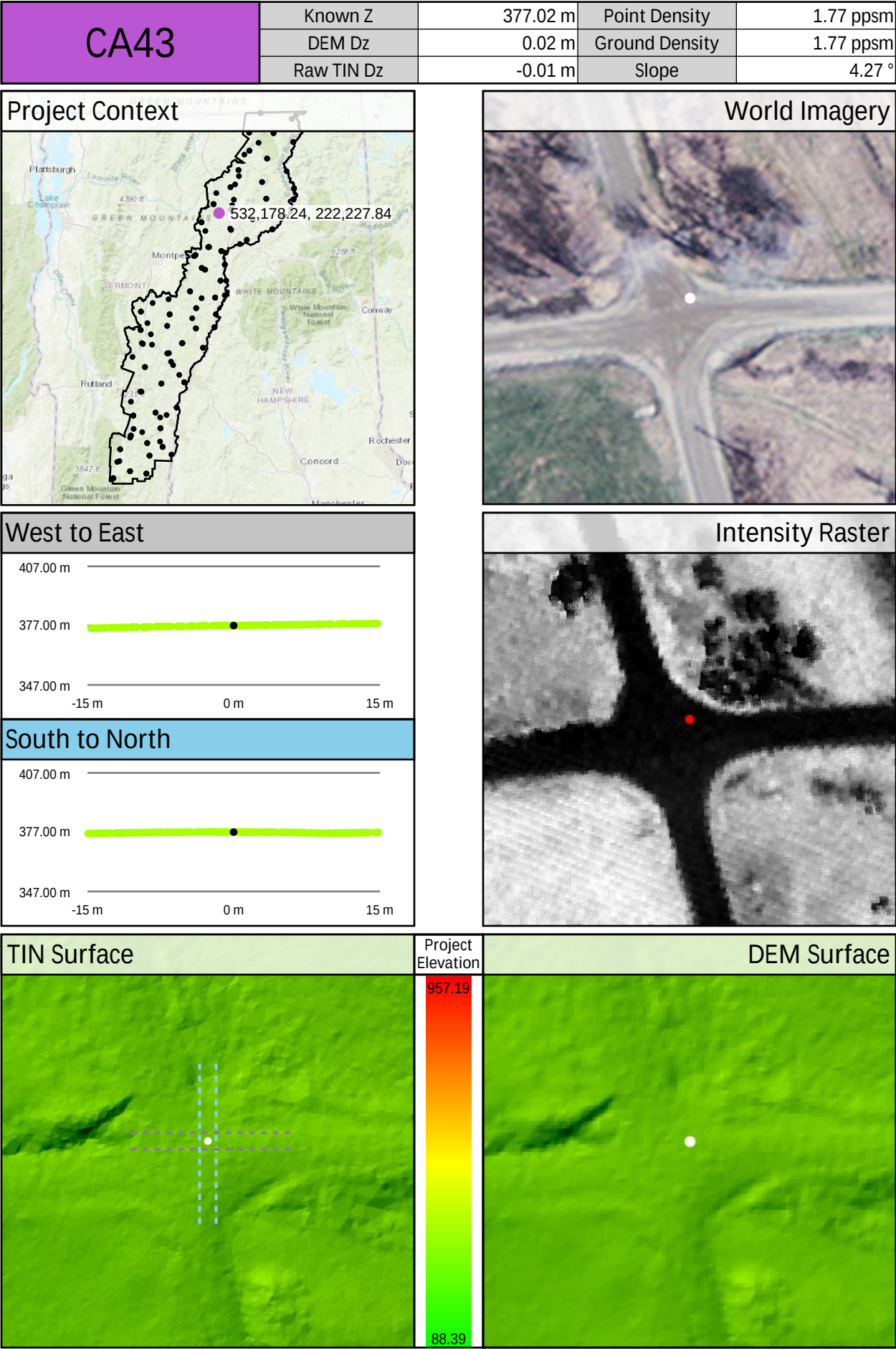
CAL - CA41

Raw TIN Dz -0.05 m



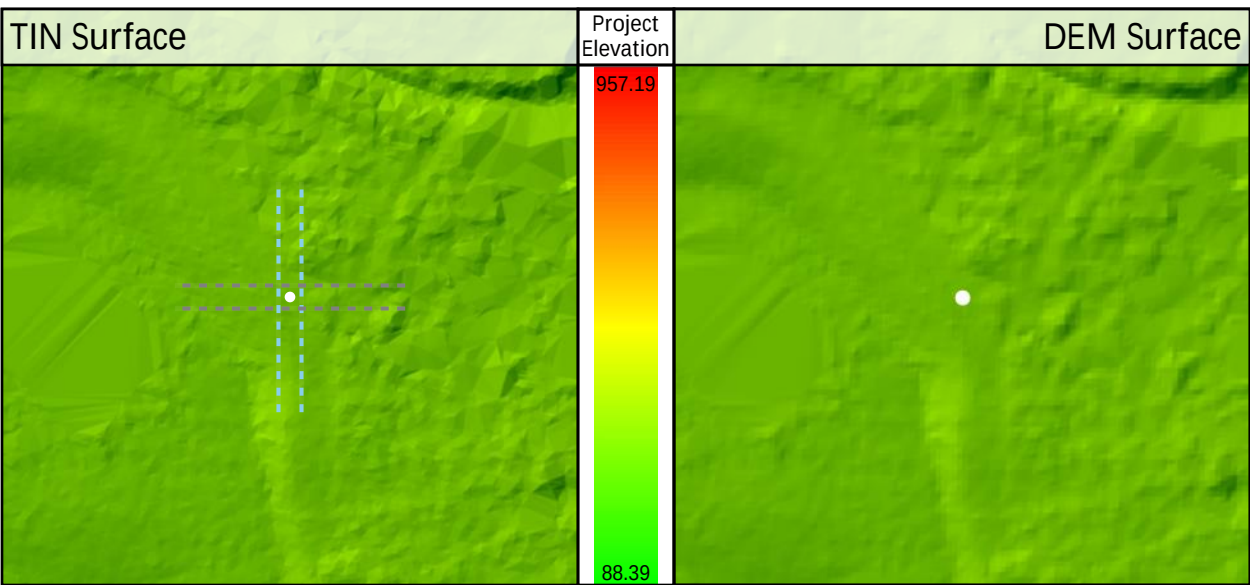
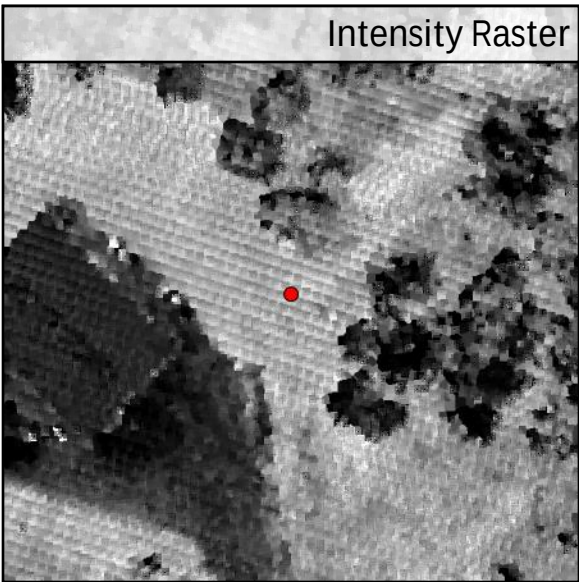
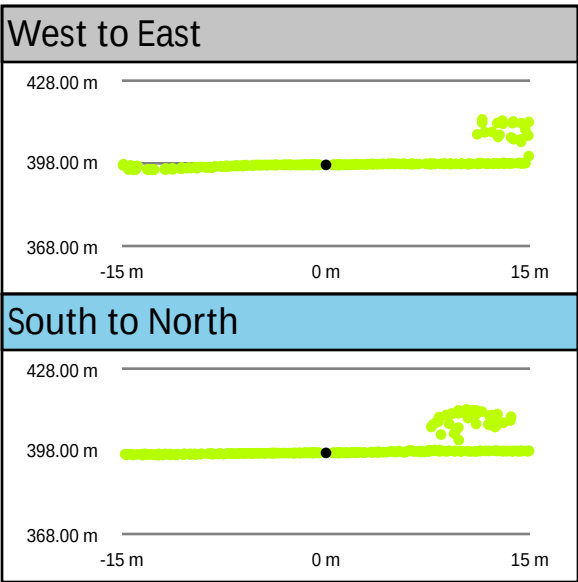
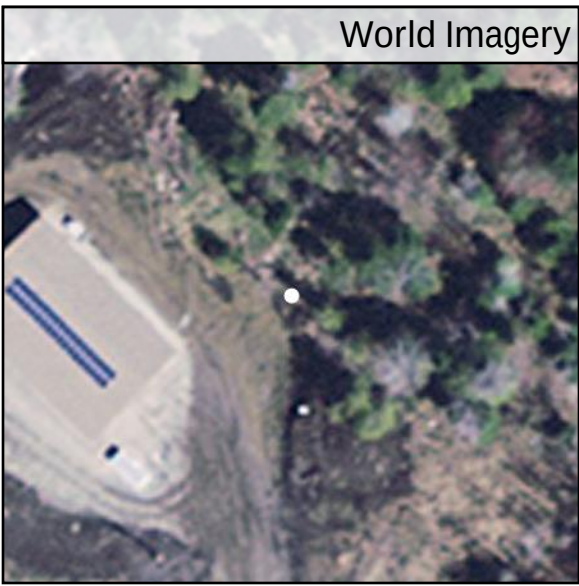
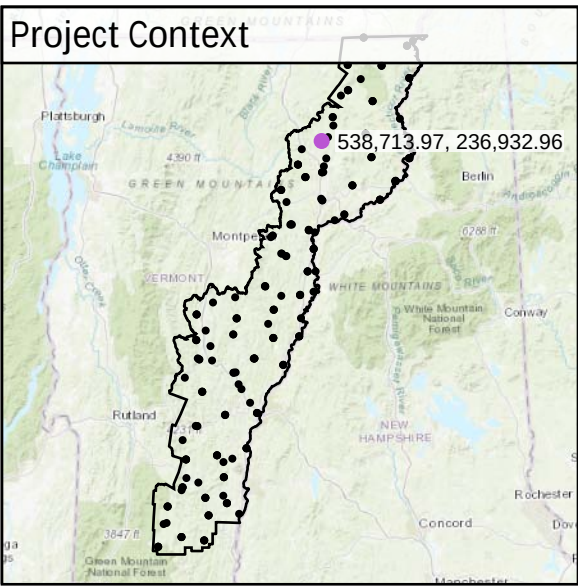
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA42 | Known Z    | 442.44 m | Point Density  | 1.87 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.87 ppsm |
|      | Raw TIN Dz | -0.01 m  | Slope          | 2.65 °    |



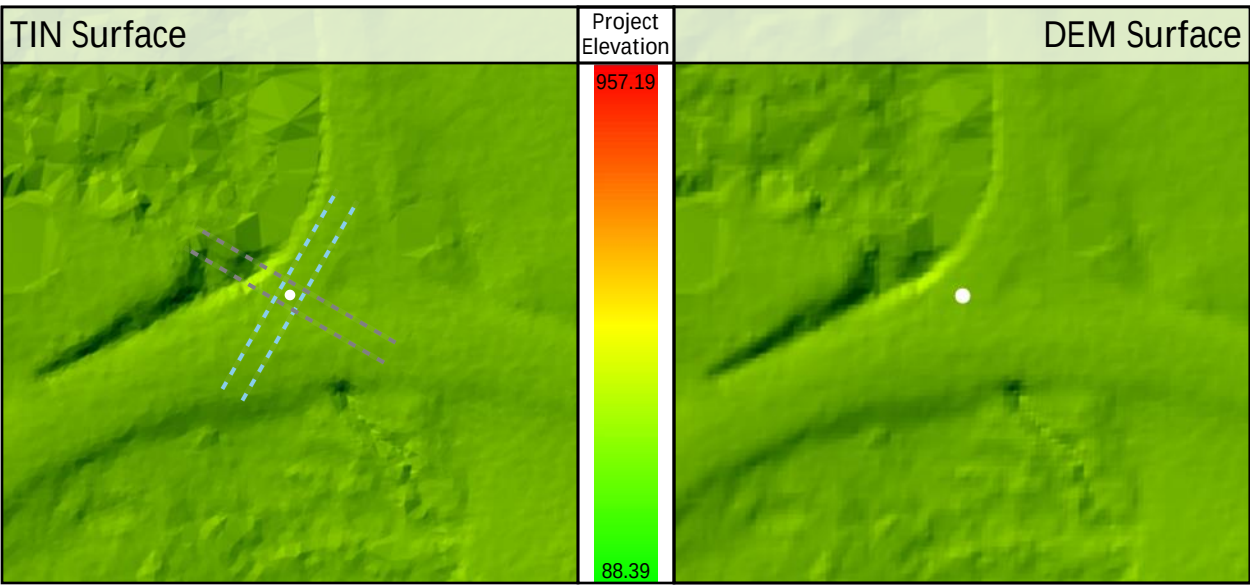
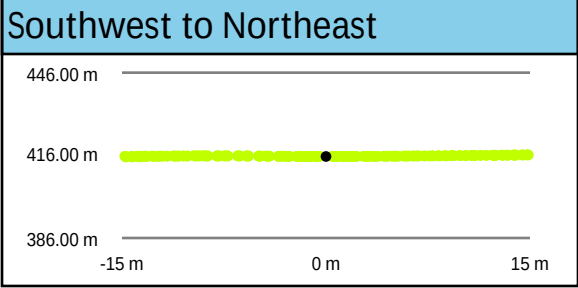
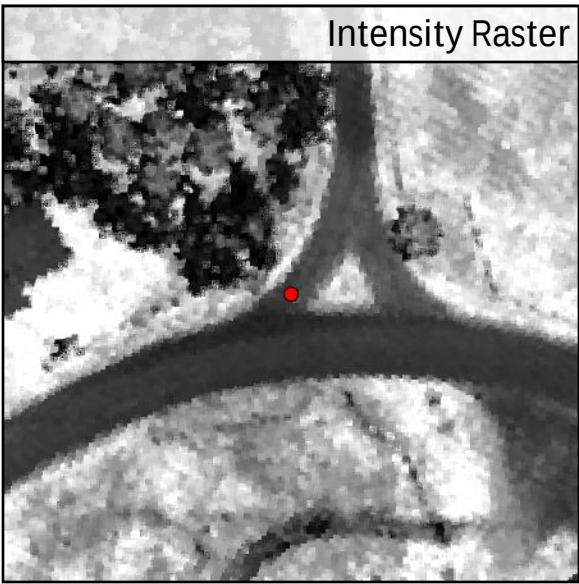
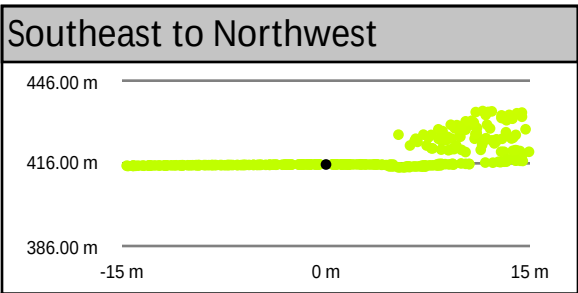
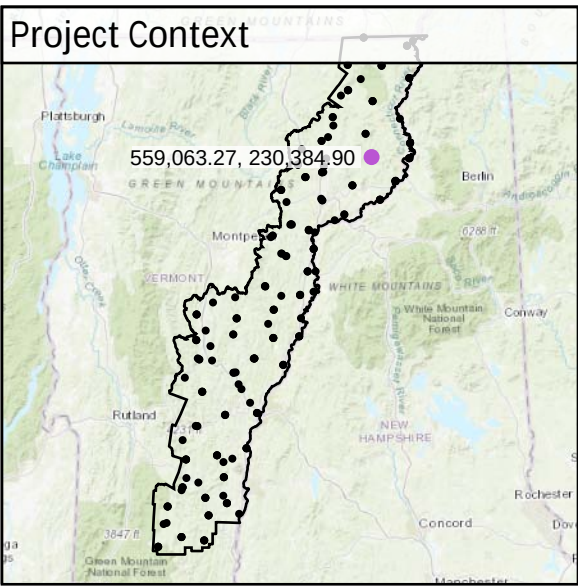




|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA44 | Known Z    | 397.43 m | Point Density  | 2.16 ppsm |
|      | DEM Dz     | 0.02 m   | Ground Density | 2.16 ppsm |
|      | Raw TIN Dz | 0.01 m   | Slope          | 4.17 °    |



|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA45 | Known Z    | 415.58 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | 0.04 m   | Ground Density | 2.26 ppsm |
|      | Raw TIN Dz | 0.02 m   | Slope          | 0.92 °    |

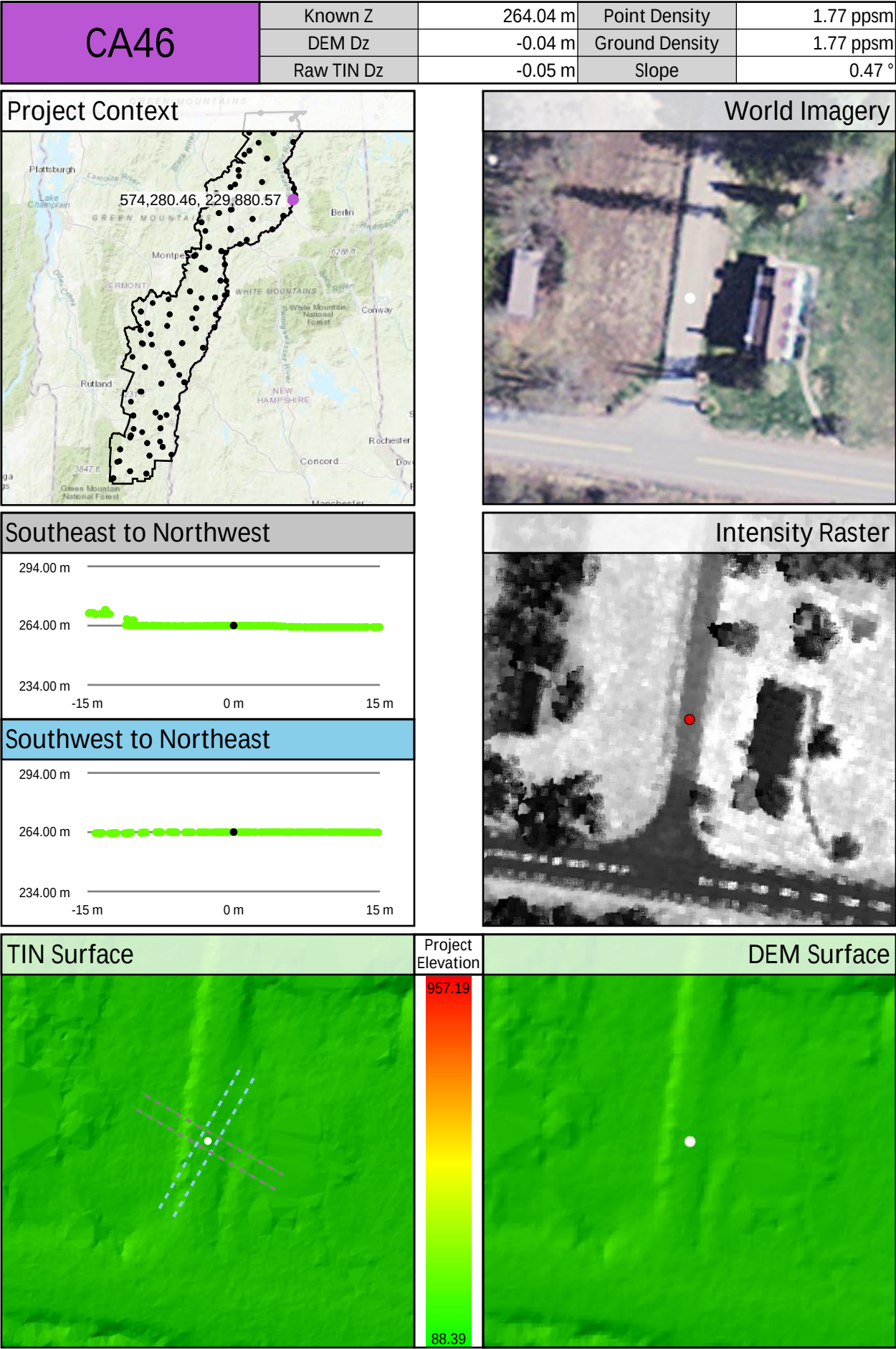


DEM Dz +0.04 m

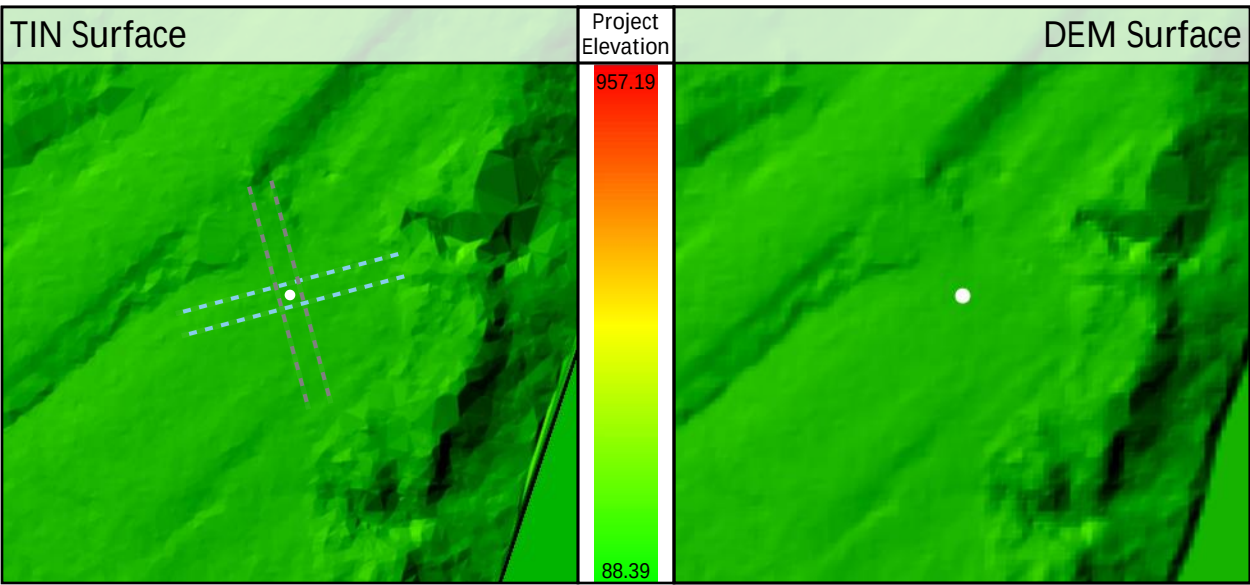
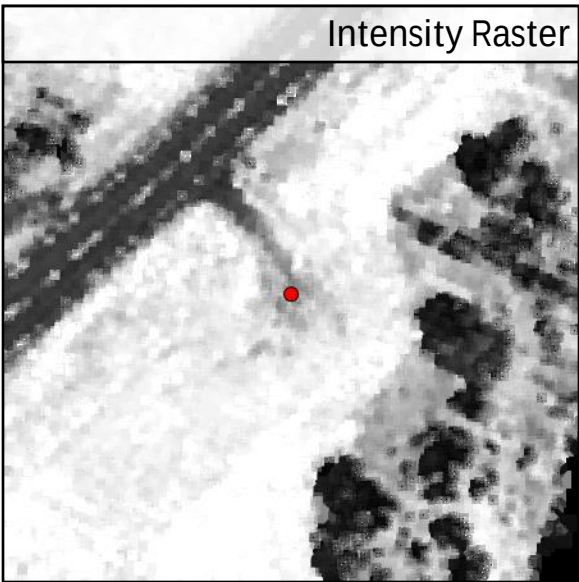
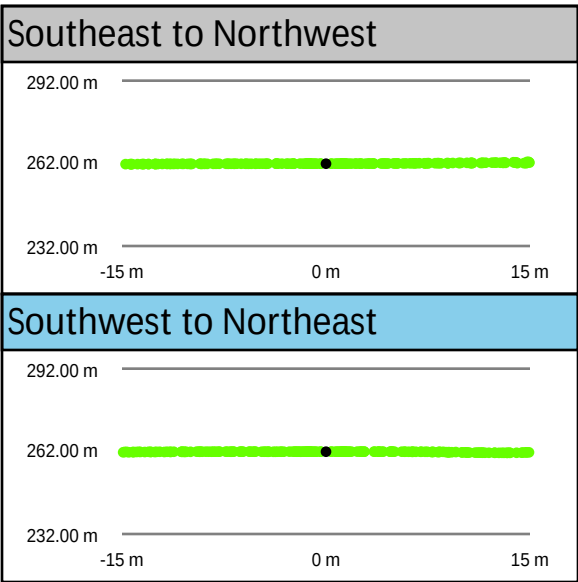
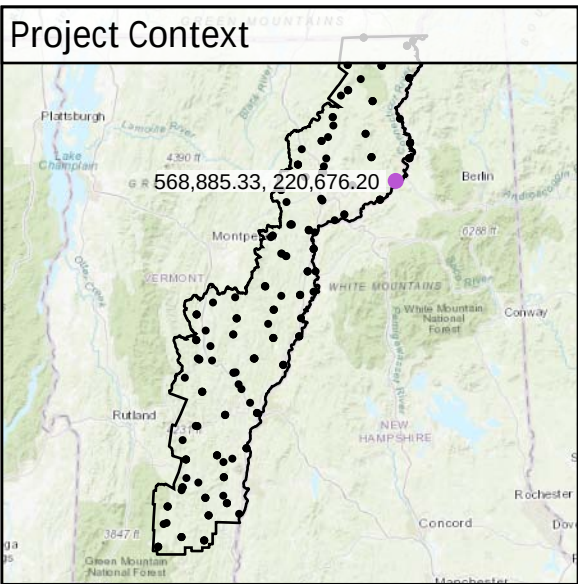
CAL - CA45

Raw TIN Dz +0.02 m





|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA47 | Known Z    | 261.86 m | Point Density  | 1.77 ppsm |
|      | DEM Dz     | 0.03 m   | Ground Density | 1.77 ppsm |
|      | Raw TIN Dz | 0.03 m   | Slope          | 0.51 °    |

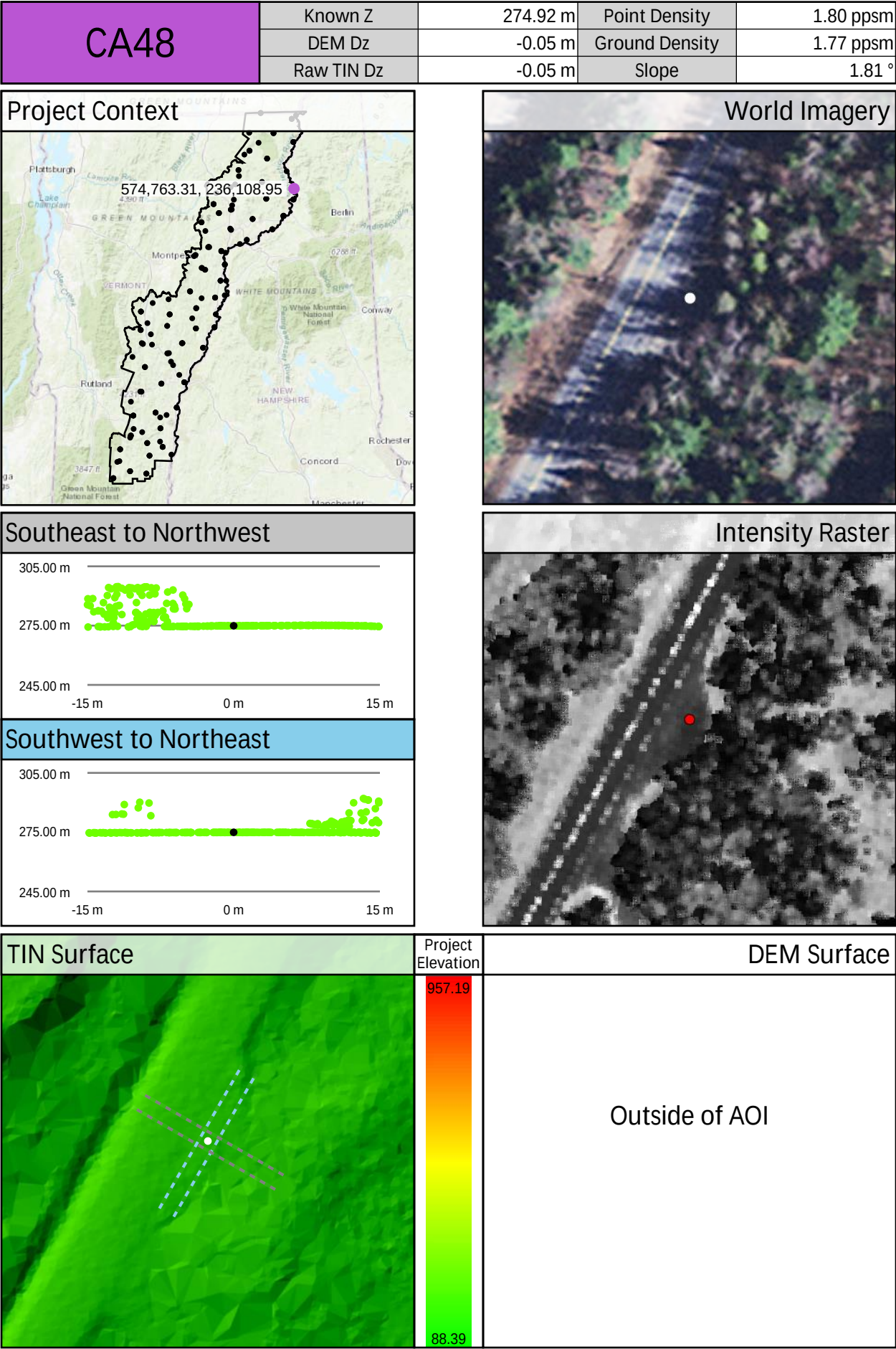


DEM Dz +0.03 m

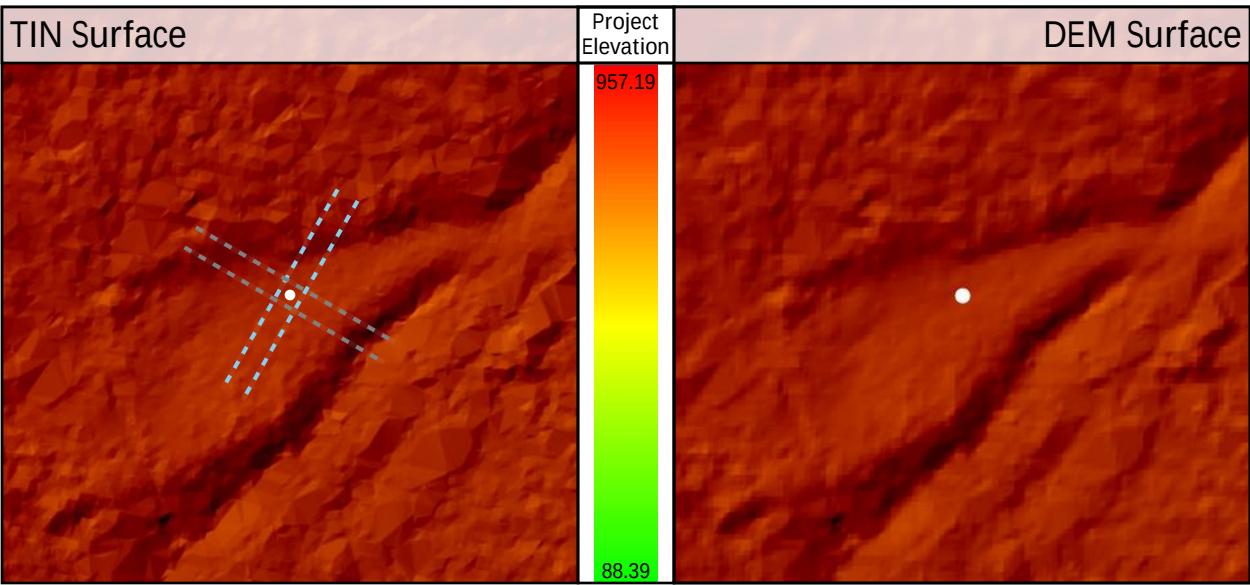
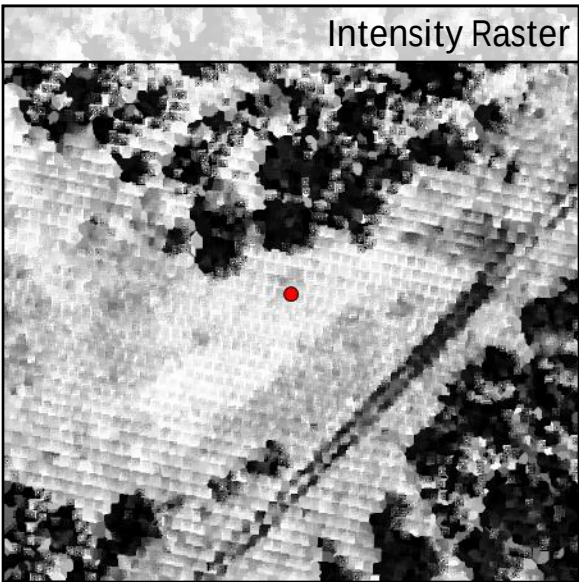
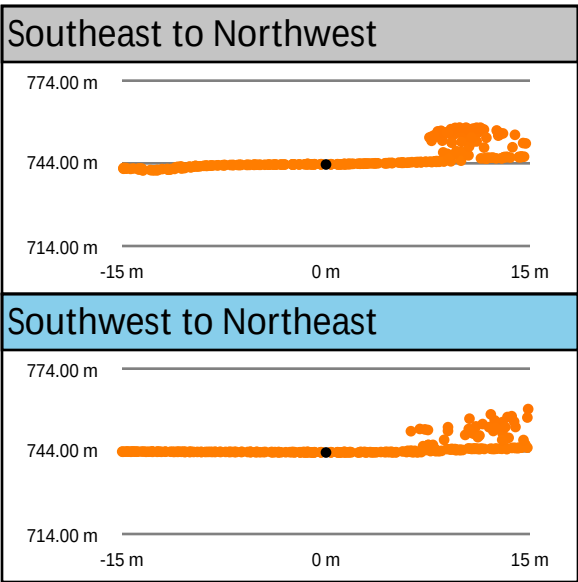
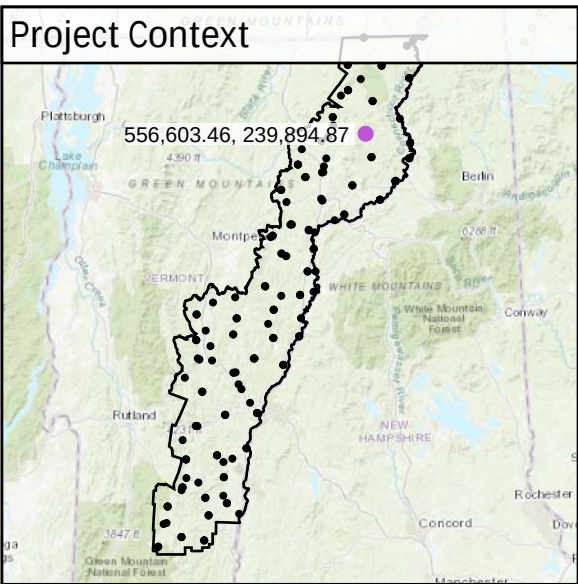
CAL - CA47

Raw TIN Dz +0.03 m



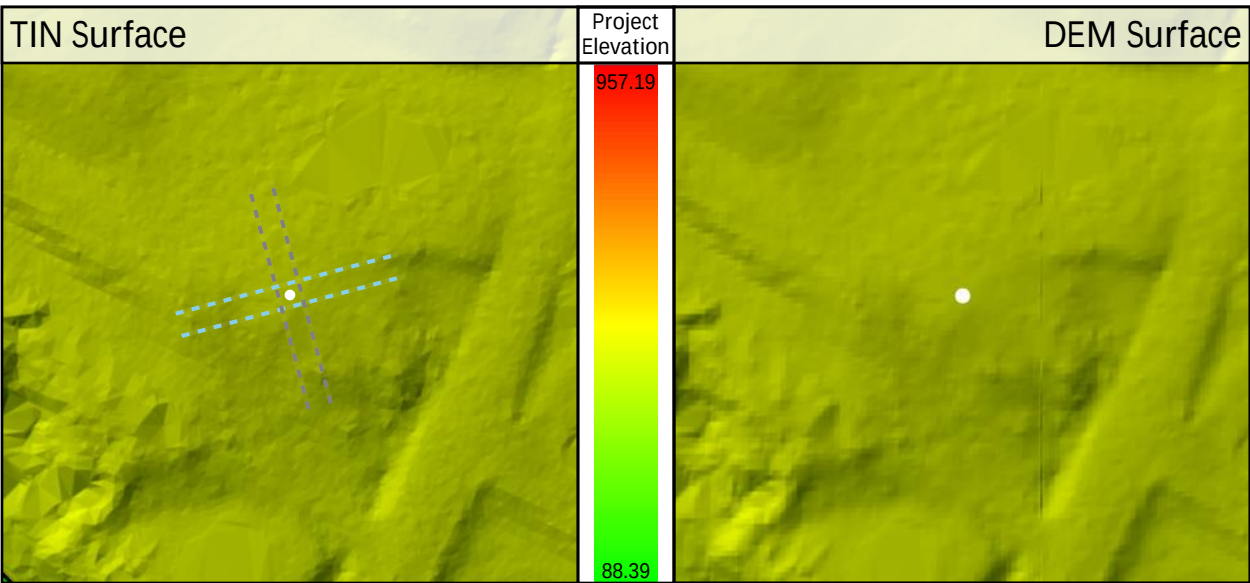
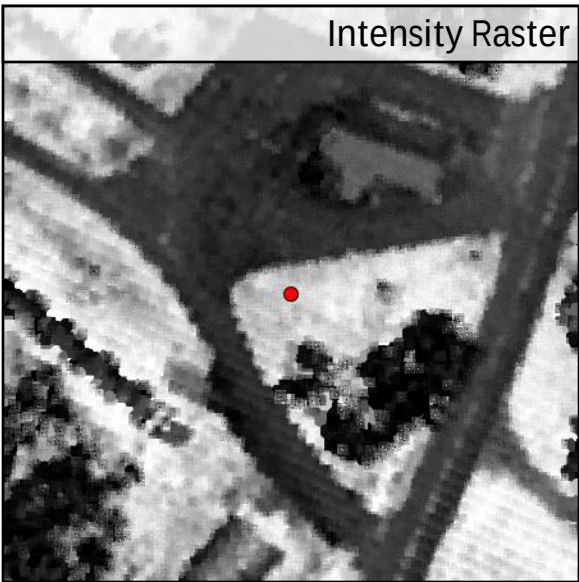
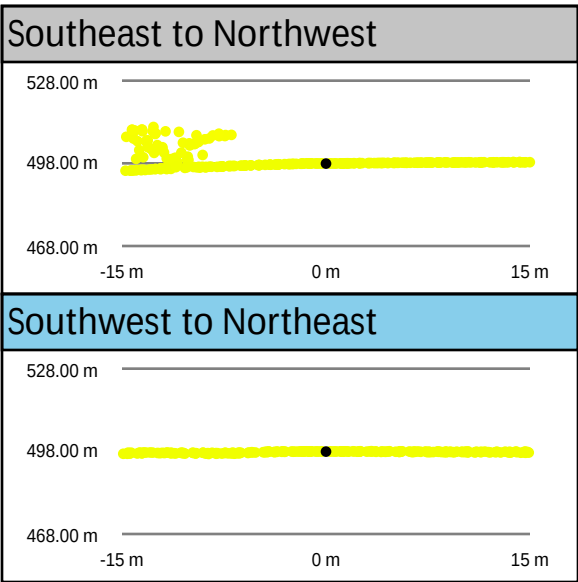
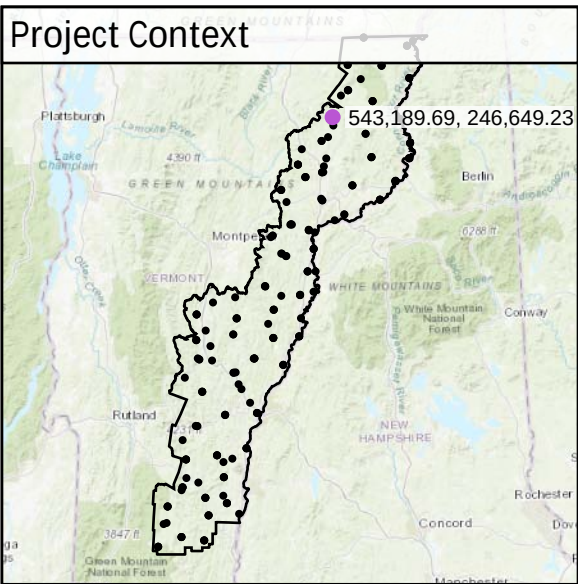


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA49 | Known Z    | 743.58 m | Point Density  | 2.12 ppsm |
|      | DEM Dz     | 0.08 m   | Ground Density | 2.12 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 3.10 °    |





|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA50 | Known Z    | 497.90 m | Point Density  | 1.98 ppsm |
|      | DEM Dz     | 0.05 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.05 m   | Slope          | 2.95 °    |

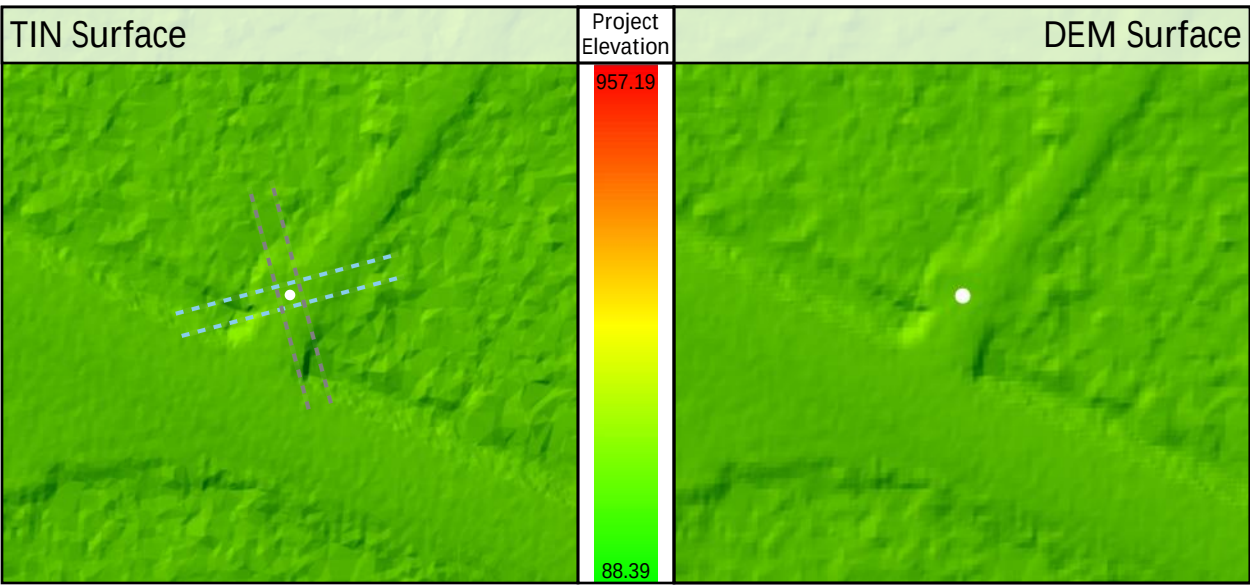
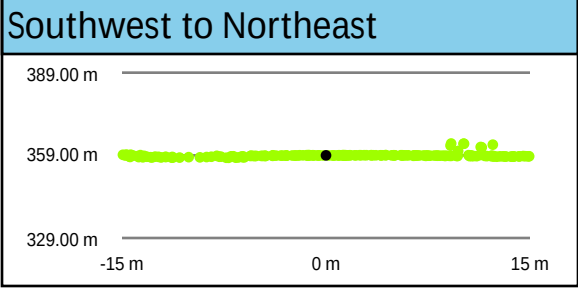
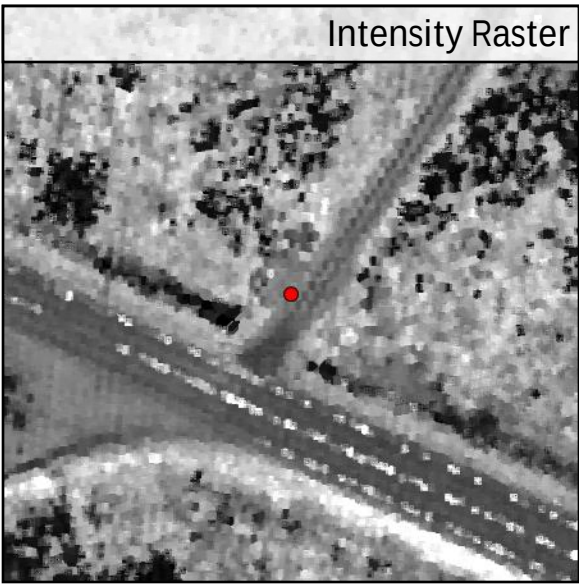
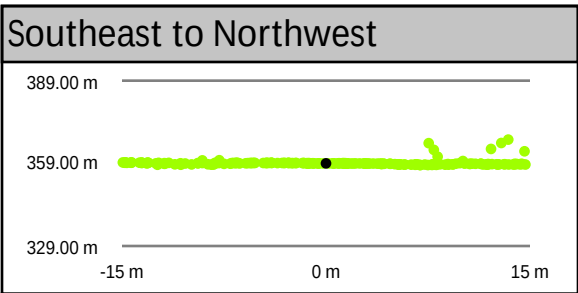
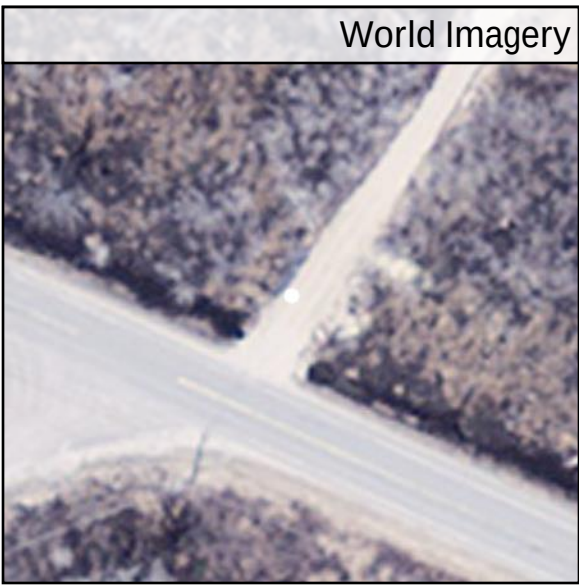
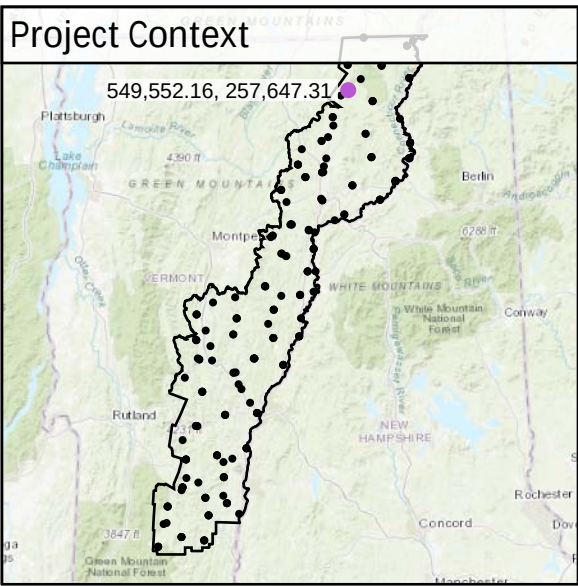


DEM Dz +0.05 m

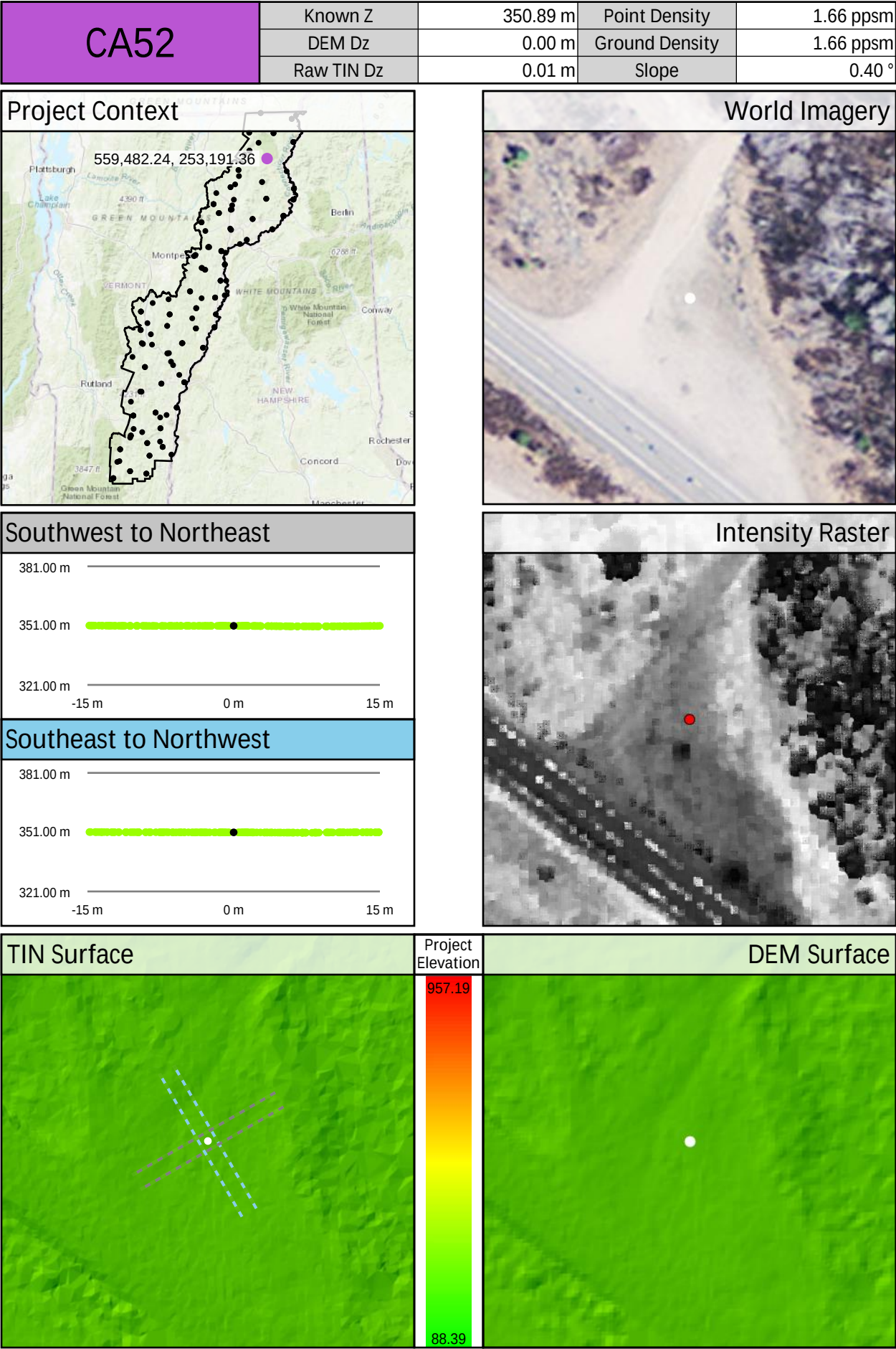
CAL - CA50

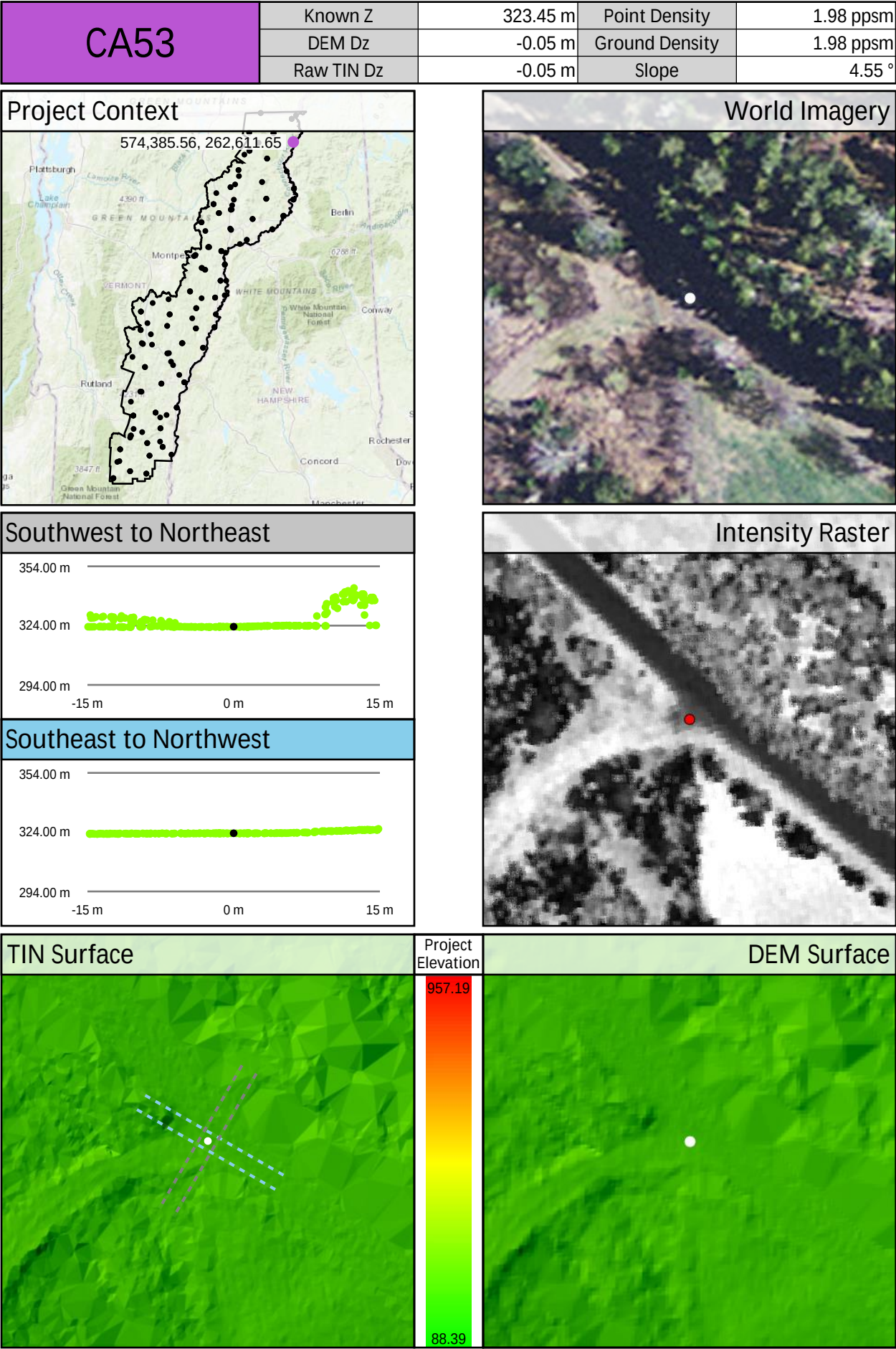
Raw TIN Dz +0.05 m

|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA51 | Known Z    | 358.99 m | Point Density  | 2.09 ppsm |
|      | DEM Dz     | -0.03 m  | Ground Density | 2.05 ppsm |
|      | Raw TIN Dz | -0.04 m  | Slope          | 2.74 °    |



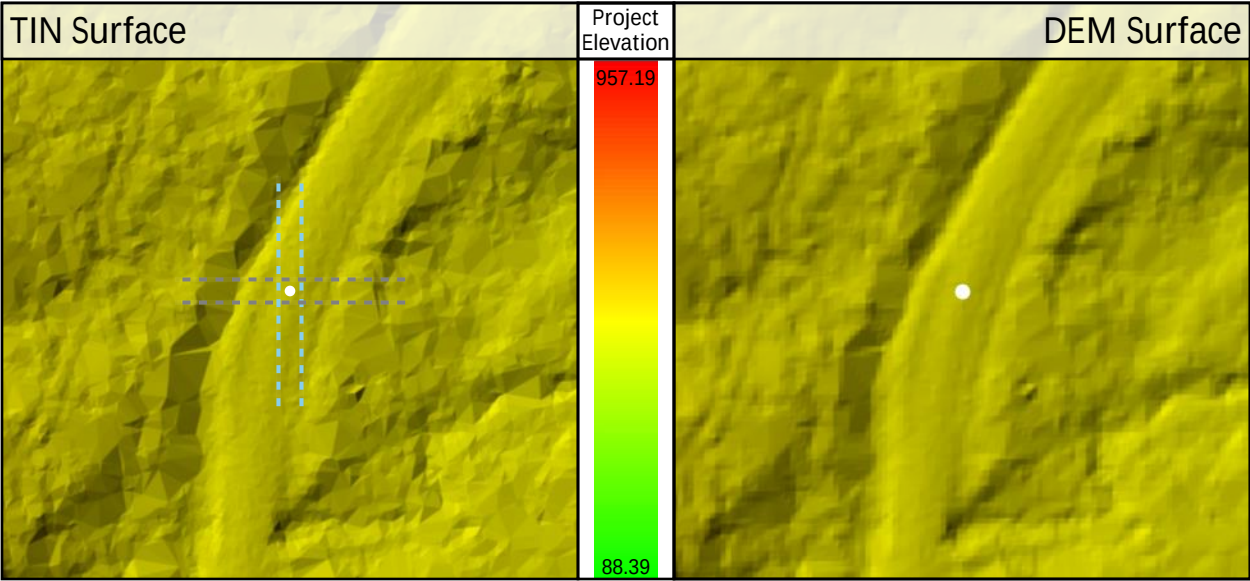
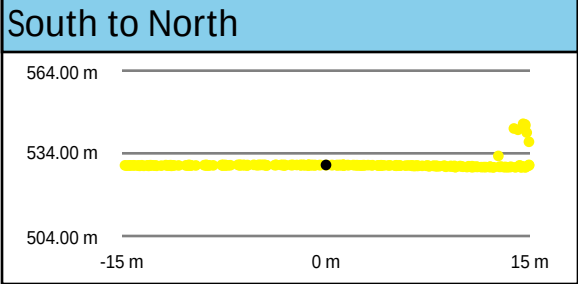
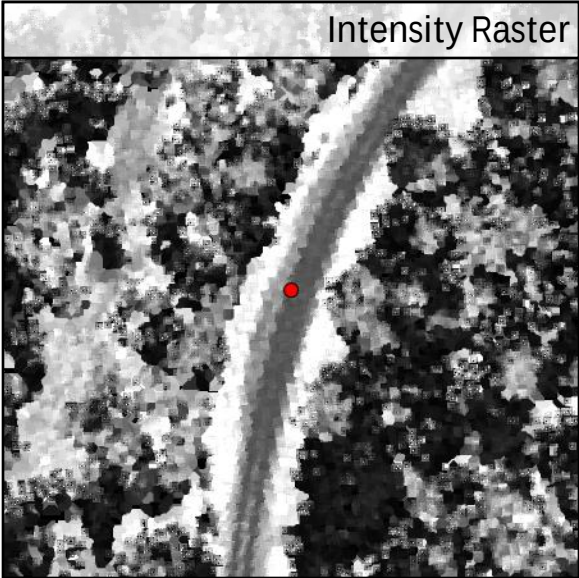
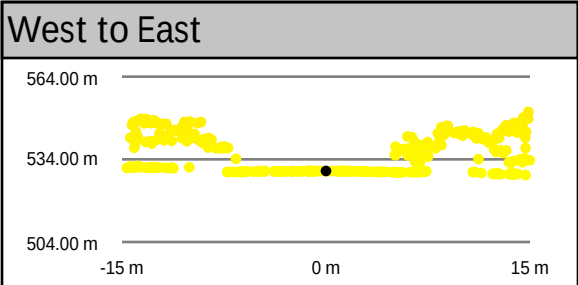
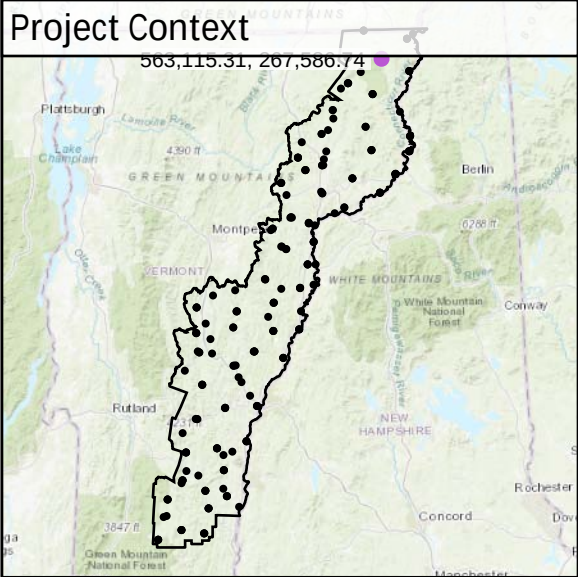






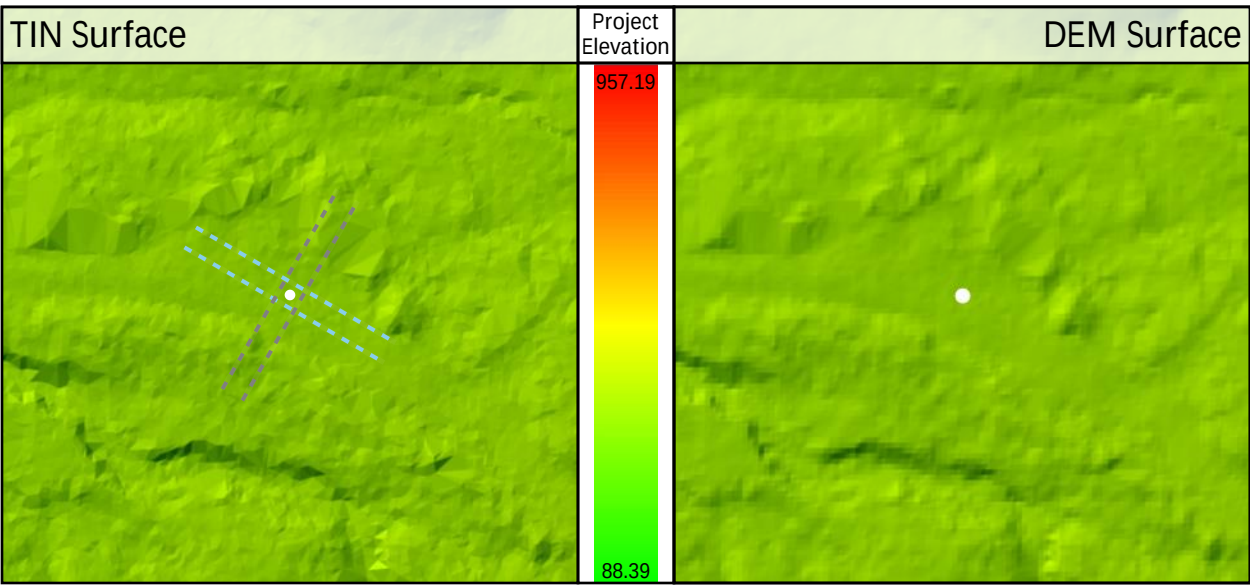
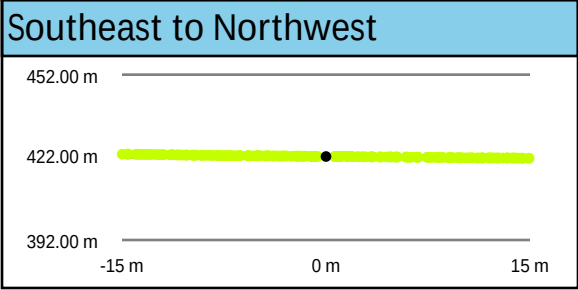
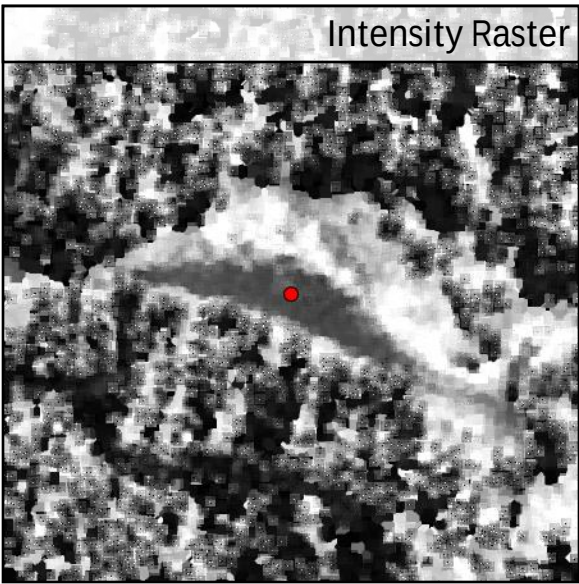
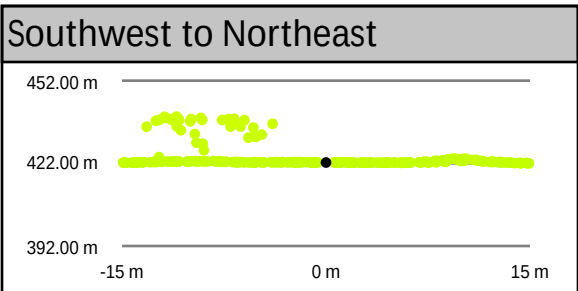
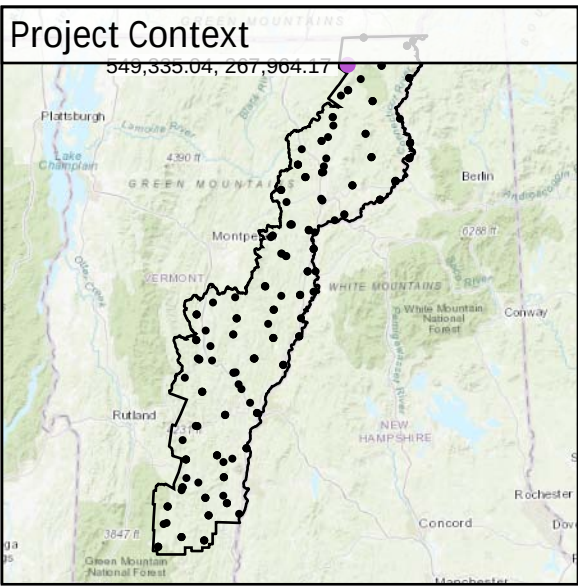


|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA54 | Known Z    | 529.78 m | Point Density  | 2.26 ppsm |
|      | DEM Dz     | -0.05 m  | Ground Density | 2.23 ppsm |
|      | Raw TIN Dz | -0.05 m  | Slope          | 1.22 °    |

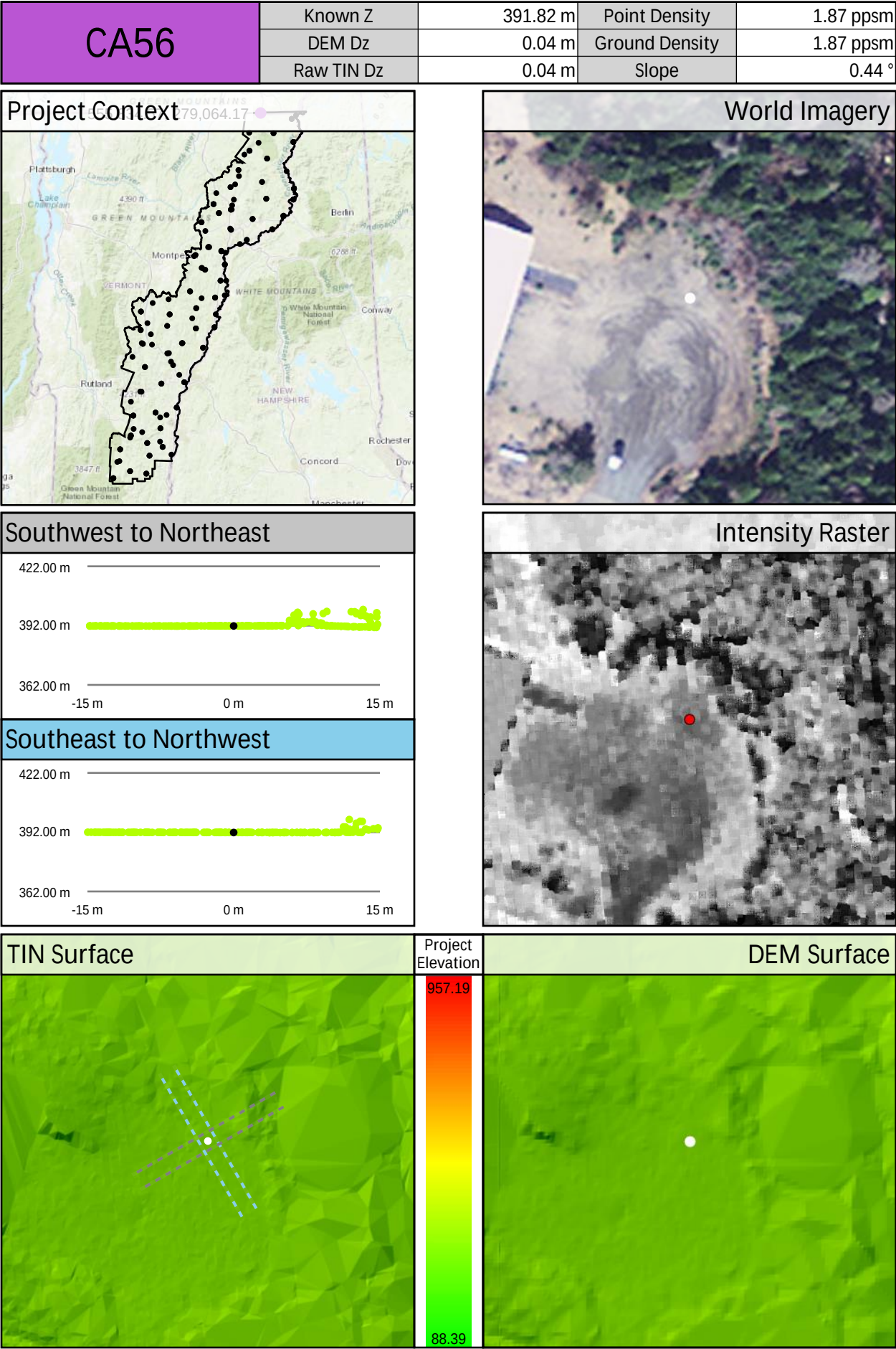




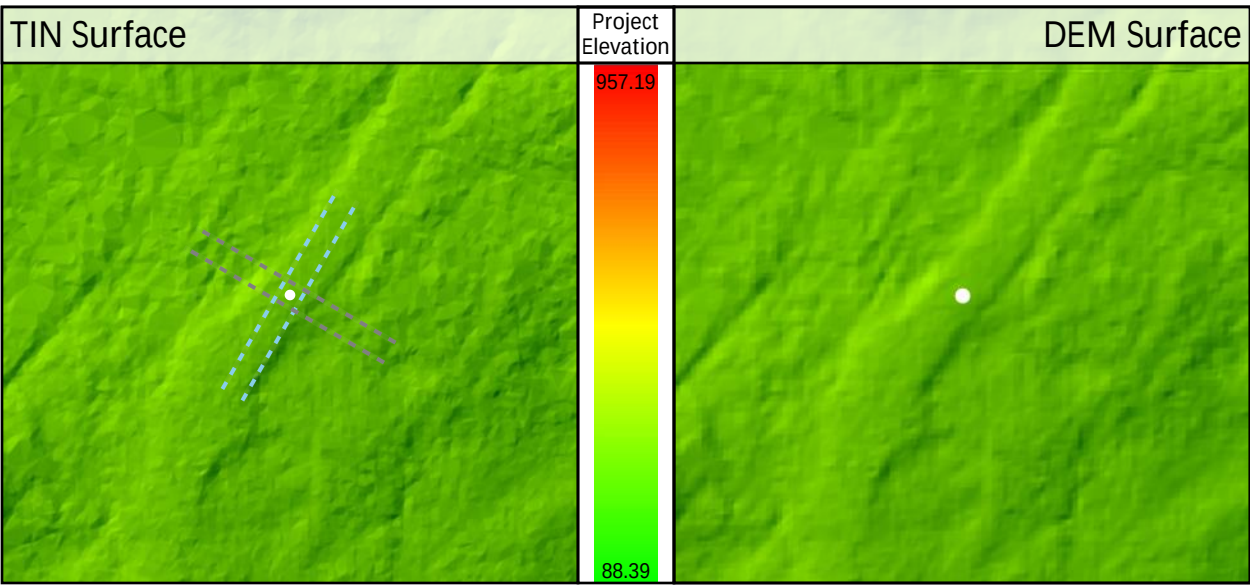
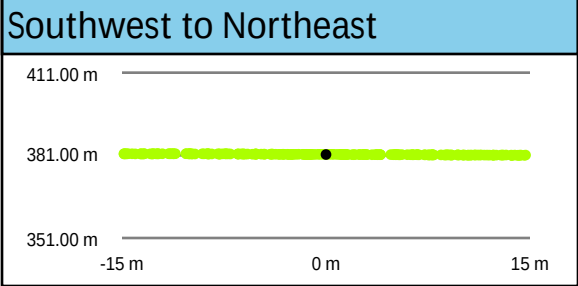
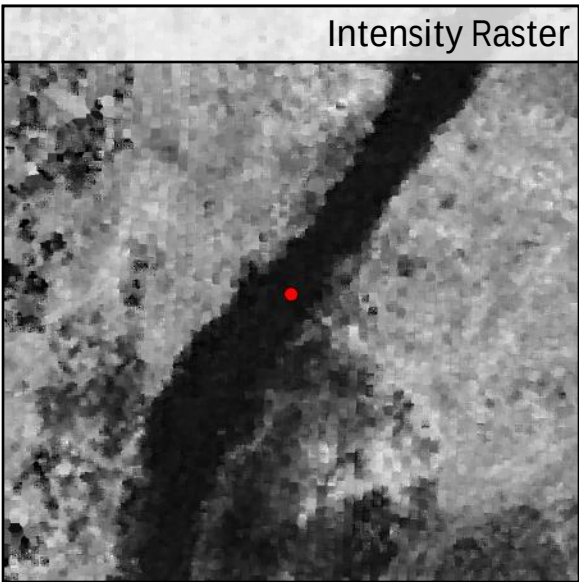
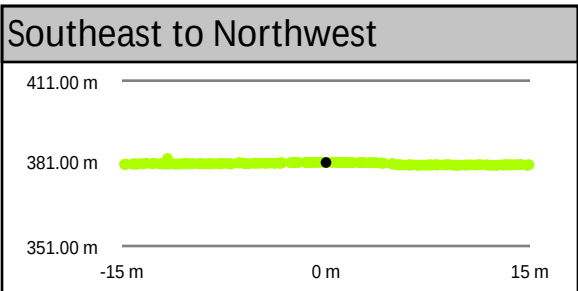
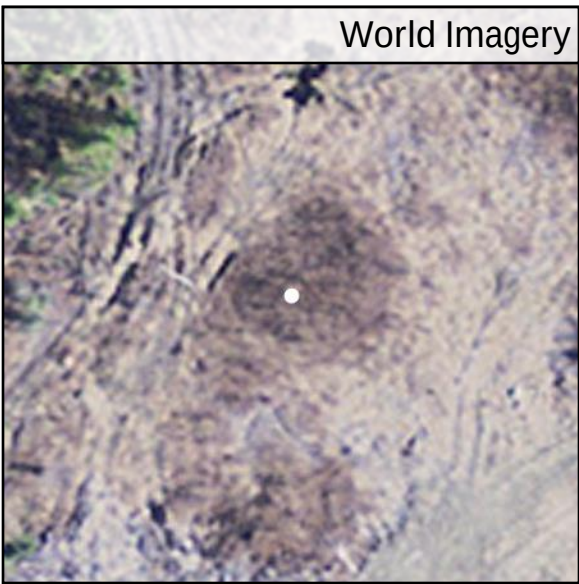
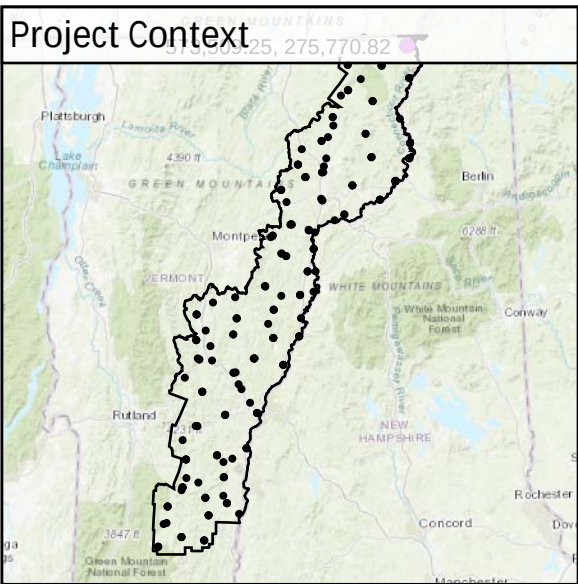
|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA55 | Known Z    | 422.29 m | Point Density  | 2.02 ppsm |
|      | DEM Dz     | 0.01 m   | Ground Density | 1.98 ppsm |
|      | Raw TIN Dz | 0.00 m   | Slope          | 2.62 °    |







|      |            |          |                |           |
|------|------------|----------|----------------|-----------|
| CA57 | Known Z    | 381.29 m | Point Density  | 2.33 ppsm |
|      | DEM Dz     | 0.06 m   | Ground Density | 2.05 ppsm |
|      | Raw TIN Dz | 0.07 m   | Slope          | 0.96 °    |



DEM Dz +0.06 m

CAL - CA57

Raw TIN Dz +0.07 m