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| 1121109 KS |  |  |  |  |
| HORIZONTAL - NAD 83 UTM ZONE 15 |  |  |
| VERTICAL - NAVD88 METER |  |  |  |
| **STATION** | **EASTING** | **NORTHING** | **ELEVATION** | **LAND COVER CATEGORY** |
| 1 | 303544.968 | 4249087.393 | 310.826 | AMI INDEX PT |
| 2 | 314299.342 | 4248633.528 | 273.495 | AMI INDEX PT |
| 3 | 287200.398 | 4244097.913 | 304.610 | AMI INDEX PT |
| 4 | 310939.423 | 4217558.141 | 323.809 | AMI INDEX PT |
| 5 | 283939.525 | 4217777.750 | 314.111 | AMI INDEX PT |
| 6 | 288372.047 | 4204760.016 | 294.777 | AMI INDEX PT |
| 7 | 299732.091 | 4207650.024 | 313.837 | AMI INDEX PT |
| 8 | 308931.568 | 4199316.663 | 338.692 | AMI INDEX PT |
| 9 | 303305.497 | 4184978.671 | 308.074 | AMI INDEX PT |
| 10 | 285485.461 | 4187561.637 | 297.587 | AMI INDEX PT |
| 11 | 301408.259 | 4172854.604 | 319.050 | AMI INDEX PT |
| 12 | 299388.121 | 4155989.617 | 272.544 | AMI INDEX PT |
| 13 | 280496.209 | 4173161.304 | 293.575 | AMI INDEX PT |
| 14 | 309766.588 | 4149428.891 | 261.929 | AMI INDEX PT |
| 15 | 281583.785 | 4151861.871 | 319.320 | AMI INDEX PT |
| 16 | 304003.757 | 4134903.820 | 278.689 | AMI INDEX PT |
| 17 | 286273.792 | 4135281.050 | 283.533 | AMI INDEX PT |
| 18 | 297247.837 | 4122052.301 | 284.301 | AMI INDEX PT |
| 19 | 282152.772 | 4103244.216 | 261.404 | AMI INDEX PT |
| 20 | 303399.338 | 4103064.726 | 272.629 | AMI INDEX PT |
| 101 | 303527.888 | 4249078.139 | 310.153 | Tall\_Grass |
| 102 | 309872.248 | 4249083.370 | 270.755 | Low\_Grass |
| 103 | 314431.454 | 4248446.597 | 274.506 | Urban |
| 104 | 310491.012 | 4244856.828 | 283.860 | Forest |
| 105 | 307575.767 | 4240685.689 | 303.490 | Low\_Grass |
| 106 | 302959.956 | 4240209.348 | 327.900 | Urban |
| 107 | 297634.873 | 4237103.341 | 312.310 | Tall\_Grass |
| 108 | 297822.643 | 4236918.484 | 306.126 | Forest |
| 109 | 296850.198 | 4242044.503 | 306.981 | Low\_Grass |
| 110 | 287979.136 | 4242115.856 | 298.512 | Forest |
| 111 | 287129.747 | 4244207.708 | 305.393 | Urban |
| 112 | 303154.646 | 4233398.952 | 335.935 | Low\_Grass |
| 113 | 294082.148 | 4220758.239 | 333.305 | Tall\_Grass |
| 114 | 298394.817 | 4219019.884 | 331.764 | Low\_Grass |
| 115 | 303804.623 | 4230283.426 | 311.648 | Forest |
| 116 | 311927.021 | 4231557.162 | 315.928 | Urban |
| 117 | 294065.504 | 4232078.795 | 306.051 | Forest |
| 118 | 281417.396 | 4229132.269 | 336.591 | Tall\_Grass |

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| **STATION** | **EASTING** | **NORTHING** | **ELEVATION** | **LAND COVER CATEGORY** |
| 120 | 311016.035 | 4217557.261 | 323.438 | Urban |
| 121 | 285775.722 | 4224189.842 | 325.122 | Tall\_Grass |
| 122 | 283911.160 | 4217361.369 | 311.094 | Forest |
| 123 | 282077.728 | 4209737.760 | 310.668 | Low\_Grass |
| 124 | 288552.013 | 4210408.116 | 324.918 | Forest |
| 125 | 294818.301 | 4204560.888 | 314.949 | Tall\_Grass |
| 126 | 299767.181 | 4208854.146 | 313.887 | Low\_Grass |
| 127 | 306283.253 | 4210633.571 | 326.108 | Low\_Grass |
| 128 | 309262.257 | 4210637.450 | 325.175 | Urban |
| 129 | 297834.507 | 4199651.963 | 313.964 | Tall\_Grass |
| 130 | 304551.790 | 4201061.337 | 323.067 | Forest |
| 131 | 309257.846 | 4199130.065 | 338.005 | Urban |
| 132 | 300982.551 | 4193088.997 | 328.305 | Tall\_Grass |
| 133 | 294550.051 | 4193256.537 | 316.008 | Low\_Grass |
| 134 | 293686.124 | 4188451.429 | 308.455 | Tall\_Grass |
| 135 | 291462.279 | 4199258.558 | 294.504 | Urban |
| 136 | 288366.911 | 4200313.292 | 292.630 | Urban |
| 137 | 281827.991 | 4200802.904 | 299.243 | Forest |
| 138 | 285657.854 | 4194725.972 | 288.424 | Tall\_Grass |
| 139 | 303298.979 | 4185003.074 | 307.701 | Low\_Grass |
| 140 | 310524.014 | 4184889.202 | 321.873 | Urban |
| 141 | 300037.892 | 4180271.760 | 286.048 | Forest |
| 142 | 293844.824 | 4173098.367 | 301.947 | Tall\_Grass |
| 143 | 288834.457 | 4183708.118 | 304.909 | Low\_Grass |
| 144 | 285724.349 | 4186538.305 | 288.908 | Urban |
| 145 | 284375.474 | 4193428.832 | 304.904 | Forest |
| 146 | 299609.443 | 4165732.183 | 274.323 | Forest |
| 147 | 301418.999 | 4172892.191 | 318.461 | Low\_Grass |
| 148 | 309480.110 | 4173677.640 | 309.538 | Urban |
| 149 | 309264.978 | 4163836.985 | 297.912 | Tall\_Grass |
| 150 | 301650.037 | 4160744.753 | 273.774 | Urban |
| 151 | 295035.505 | 4156115.858 | 301.191 | Low\_Grass |
| 152 | 295541.133 | 4164066.732 | 280.958 | Forest |
| 153 | 284244.242 | 4173328.660 | 279.687 | Urban |
| 154 | 278979.480 | 4177532.321 | 302.852 | Low\_Grass |
| 155 | 283141.722 | 4167698.907 | 293.976 | Tall\_Grass |
| 156 | 294387.762 | 4138375.539 | 280.699 | Tall\_Grass |
| 157 | 299446.003 | 4156014.055 | 270.367 | Low\_Grass |
| 158 | 304151.002 | 4150711.122 | 273.529 | Forest |
| 159 | 309410.533 | 4150624.028 | 262.258 | Low\_Grass |
| 160 | 308540.569 | 4154296.026 | 273.473 | Urban |

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| **STATION** | **EASTING** | **NORTHING** | **ELEVATION** | **LAND COVER CATEGORY** |
| 162 | 295922.180 | 4144819.730 | 283.966 | Tall\_Grass |
| 163 | 291733.300 | 4149841.212 | 302.710 | Urban |
| 164 | 284596.789 | 4145108.950 | 298.2440 | Forest |
| 165 | 281463.885 | 4151865.554 | 318.331 | Urban |
| 166 | 280191.734 | 4161337.380 | 300.678 | Low\_Grass |
| 167 | 287894.820 | 4159505.363 | 290.949 | Forest |
| 168 | 303988.483 | 4134924.994 | 278.365 | Tall\_Grass |
| 169 | 311601.778 | 4133939.574 | 256.986 | Forest |
| 170 | 286383.534 | 4138528.632 | 289.786 | Tall\_Grass |
| 171 | 277815.765 | 4135366.410 | 274.696 | Low\_Grass |
| 172 | 284926.534 | 4128463.504 | 292.164 | Forest |
| 173 | 293763.280 | 4125430.684 | 268.896 | Forest |
| 174 | 295623.854 | 4122073.188 | 279.603 | Tall\_Grass |
| 175 | 306107.250 | 4122641.642 | 262.624 | Urban |
| 176 | 308952.445 | 4139688.100 | 265.365 | Low\_Grass |
| 177 | 301883.606 | 4135288.377 | 276.173 | Urban |
| 178 | 297796.848 | 4133331.441 | 268.460 | Urban |
| 179 | 295493.816 | 4119025.318 | 279.424 | Urban |
| 180 | 295140.956 | 4105903.824 | 272.914 | Tall\_Grass |
| 181 | 290303.271 | 4106483.722 | 288.474 | Low\_Grass |
| 182 | 286557.482 | 4119794.450 | 249.259 | Urban |
| 183 | 282410.127 | 4114202.560 | 243.827 | Tall\_Grass |
| 184 | 277512.607 | 4109540.463 | 230.913 | Low\_Grass |
| 185 | 284880.175 | 4099812.186 | 270.102 | Forest |
| 186 | 303411.083 | 4103379.023 | 270.572 | Urban |
| 187 | 309754.613 | 4102398.725 | 263.759 | Tall\_Grass |
| 188 | 311355.581 | 4115637.375 | 272.841 | Urban |
| 189 | 300273.417 | 4113824.445 | 260.817 | Low\_Grass |
| 190 | 296722.727 | 4113261.034 | 277.708 | Forest |
| 801.25 | 314751.238 | 4100986.301 | 244.965 | Control\_Point |
| 1001 | 295042.111 | 4156117.107 | 301.231 | Control\_Point |
| K 56 | 312215.144 | 4231297.003 | 314.401 | Control\_Point |
| KST6 | 236975.934 | 4326094.857 | 334.631 | Control\_Point |
| M 55 | 307748.034 | 4168881.432 | 296.200 | Control\_Point |
| MOBT | 378093.848 | 4235302.005 | 262.554 | Control\_Point |
| MOCA | 379487.320 | 4115431.282 | 301.056 | Control\_Point |
| MONE | 381294.970 | 4191778.684 | 253.874 | Control\_Point |
| NAIL | 295645.668 | 4122086.329 | 279.932 | Control\_Point |
| ZKC1 | 344662.784 | 4305001.211 | 338.711 | Control\_Point |
| D 274 | 312109.550 | 4248040.377 | 281.214 | Control\_Point |
| F 246 | 301846.130 | 4161162.020 | 275.573 | Control\_Point |

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| **STATION** | **EASTING** | **NORTHING** | **ELEVATION** | **LAND COVER CATEGORY** |
| P 277 | 297528.238 | 4216997.987 | 319.950 | Control\_Point |
| REBAR | 294395.269 | 4138353.537 | 281.439 | Control\_Point |
| CHETOPA | 314423.980 | 4096891.796 | 252.499 | Control\_Point |
| PARSONS | 299543.181 | 4135599.902 | 277.066 | Control\_Point |