

EXHIBIT 12

Waiver Request of Section 74.1204

W205BP Pemberville/Perrysburg OH 38Watts ERP

Minor Modification to Channel 204

Site Change

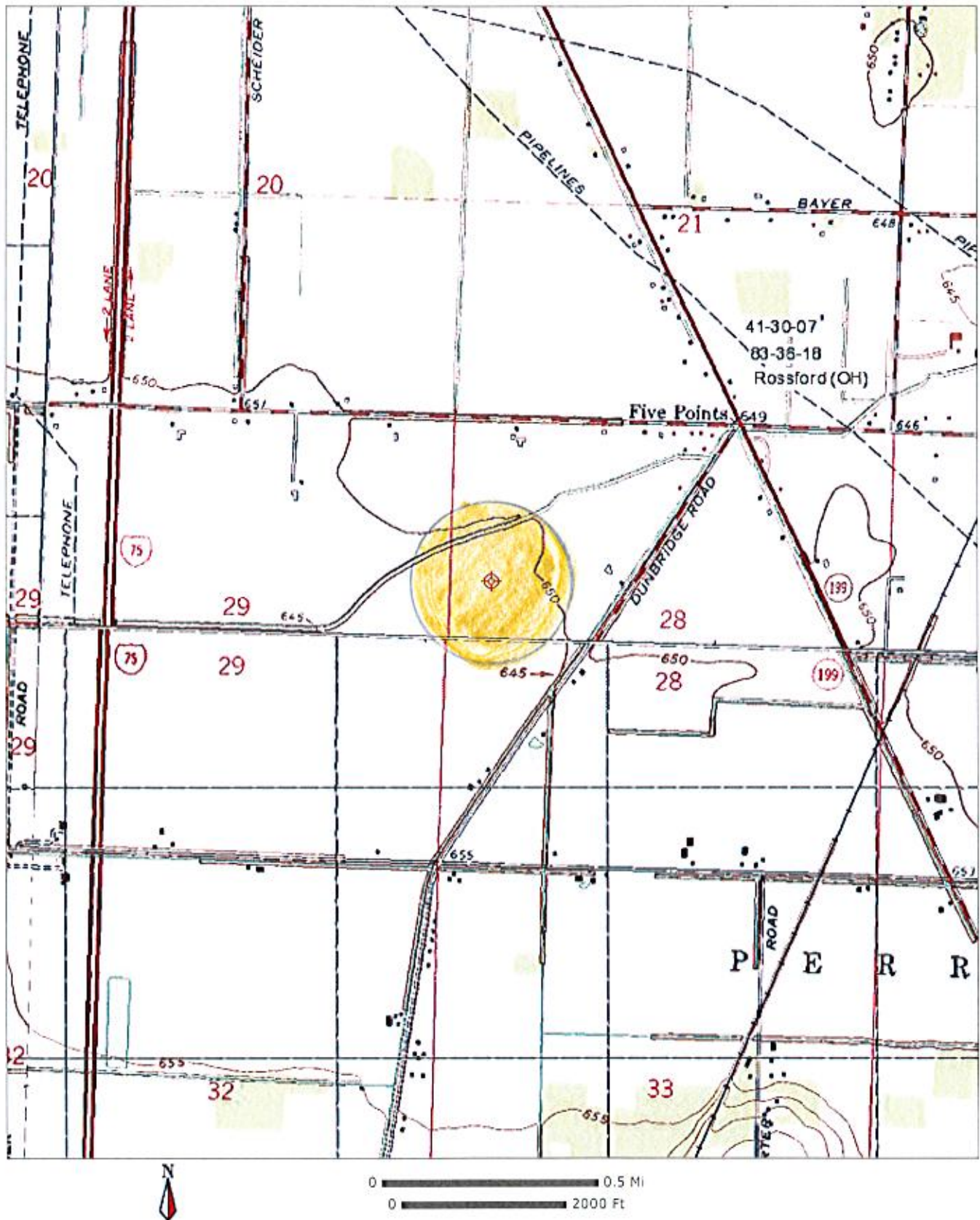
March 2010

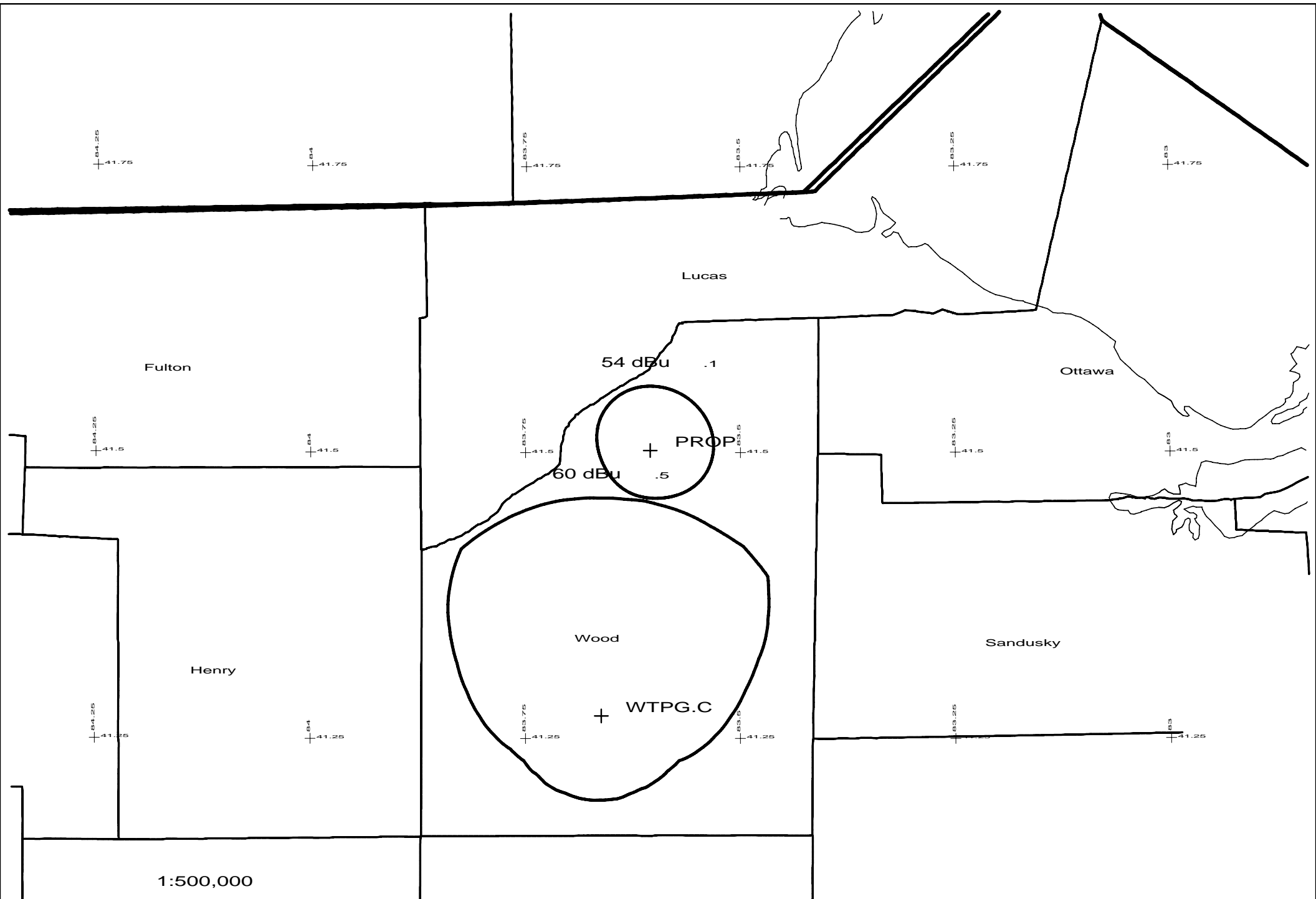
Calvary Chapel of Twin Falls, Inc.

The proposed site is contained entirely inside the service contour of third-adjacent FM Station WYSZ Maumee OH

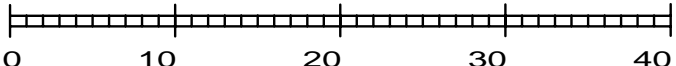
WYSZ

The proposed site is contained entirely inside the service contour of second-adjacent FM Station WYSZ, 207A, 2.45kW, Maumee, OH. The level of least arriving protected F(50,50) signal at the proposed transmitter site of WYSZ is 63.8dBu and using the Undesired-to-Desired method for calculating proposed interference, the interfering contour is 103.8-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 284 meters or 932 feet, from the base of the tower. Attached is a portion of the USGS Rossford(OH) Quadrangle, with a 1000 foot contour marked in yellow. This site is located in an area of farmland and the nearest residence is located more than 1600 feet from the tower. The interference contour does not penetrate any area roads and is contained within the field. Because there are no businesses, residences or major roadways located within this interfering contour, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to third-adjacent FM Station WYSZ.





Scale in km



PROP 204D .038kW 204M AMSL
N. Lat. 41 30 07 W. Lng. 83 36 18

WTPG
CCTF - 03/10

Contour.out

CANADIAN COMPLIANCE
TERRAIN AND CONTOUR DATA

MINOR MODIFICATION OF UNDERLYING CP FOR W205BP
CALVARY CHAPEL OF TWIN FALLS, INC.
MARCH 19, 2010

N. Lat. = 413007.0 W. Lng. = 833618.0
HAAT and Distance to Contour - FCC Method - USGS 03 SEC

| Azi . | AV EL | HAAT | ERP kW | dBk | Fi el d | 34-F1 |
|-------|-------|------|--------|--------|---------|-------|
| 000 | 187.3 | 16.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 001 | 187.1 | 16.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 002 | 187.2 | 16.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 003 | 187.1 | 16.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 004 | 187.1 | 16.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 005 | 186.9 | 17.1 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 006 | 186.6 | 17.4 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 007 | 186.6 | 17.4 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 008 | 186.6 | 17.4 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 009 | 186.3 | 17.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 010 | 186.2 | 17.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 011 | 186.2 | 17.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 012 | 186.3 | 17.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 013 | 186.5 | 17.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 014 | 186.7 | 17.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 015 | 186.9 | 17.1 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 016 | 187.4 | 16.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 017 | 187.7 | 16.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 018 | 188.0 | 16.0 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 019 | 188.1 | 15.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 020 | 188.0 | 16.0 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 021 | 187.8 | 16.2 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 022 | 187.8 | 16.2 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 023 | 188.2 | 15.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 024 | 189.1 | 14.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 025 | 190.2 | 13.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 026 | 190.5 | 13.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 027 | 190.9 | 13.1 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 028 | 191.3 | 12.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 029 | 191.7 | 12.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 030 | 192.0 | 12.0 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 031 | 192.2 | 11.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 032 | 192.2 | 11.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 033 | 192.2 | 11.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 034 | 192.2 | 11.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 035 | 192.3 | 11.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 036 | 192.5 | 11.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 037 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 038 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 039 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 040 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 041 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 042 | 192.6 | 11.4 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 043 | 192.5 | 11.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 044 | 192.4 | 11.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 045 | 192.3 | 11.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 046 | 192.0 | 12.0 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 047 | 191.6 | 12.4 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 048 | 191.5 | 12.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 049 | 191.4 | 12.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 050 | 191.4 | 12.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 051 | 191.4 | 12.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 052 | 191.6 | 12.4 | 0.0380 | -14.20 | 1.000 | 20.83 |

| | | | | Contour.out | | |
|-----|-------|------|--------|-------------|-------|-------|
| 053 | 191.9 | 12.1 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 054 | 192.1 | 11.9 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 055 | 192.3 | 11.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 056 | 192.3 | 11.7 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 057 | 192.2 | 11.8 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 058 | 192.4 | 11.6 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 059 | 192.5 | 11.5 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 060 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.83 |
| 061 | 192.7 | 11.3 | 0.0380 | -14.20 | 1.000 | 20.82 |
| 062 | 192.8 | 11.2 | 0.0380 | -14.20 | 1.000 | 20.82 |
| 063 | 192.9 | 11.1 | 0.0380 | -14.20 | 1.000 | 20.82 |
| 064 | 193.0 | 11.0 | 0.0380 | -14.21 | 1.000 | 20.82 |
| 065 | 192.9 | 11.1 | 0.0380 | -14.21 | 0.999 | 20.82 |
| 066 | 192.9 | 11.1 | 0.0380 | -14.21 | 0.999 | 20.82 |
| 067 | 193.0 | 11.0 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 068 | 193.2 | 10.8 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 069 | 193.5 | 10.5 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 070 | 193.6 | 10.4 | 0.0379 | -14.21 | 0.999 | 20.81 |
| 071 | 193.9 | 10.1 | 0.0378 | -14.22 | 0.998 | 20.80 |
| 072 | 193.9 | 10.1 | 0.0378 | -14.23 | 0.997 | 20.79 |
| 073 | 194.0 | 10.0 | 0.0377 | -14.24 | 0.996 | 20.78 |
| 074 | 194.0 | 10.0 | 0.0376 | -14.25 | 0.995 | 20.77 |
| 075 | 194.0 | 10.0 | 0.0375 | -14.26 | 0.993 | 20.75 |
| 076 | 194.2 | 9.8 | 0.0374 | -14.27 | 0.992 | 20.74 |
| 077 | 194.4 | 9.6 | 0.0373 | -14.28 | 0.991 | 20.73 |
| 078 | 194.6 | 9.4 | 0.0373 | -14.29 | 0.990 | 20.72 |
| 079 | 194.7 | 9.3 | 0.0372 | -14.30 | 0.989 | 20.70 |
| 080 | 194.8 | 9.2 | 0.0371 | -14.31 | 0.988 | 20.69 |
| 081 | 195.1 | 8.9 | 0.0369 | -14.33 | 0.986 | 20.67 |
| 082 | 195.2 | 8.8 | 0.0368 | -14.35 | 0.984 | 20.64 |
| 083 | 195.3 | 8.7 | 0.0366 | -14.37 | 0.981 | 20.62 |
| 084 | 195.3 | 8.7 | 0.0364 | -14.38 | 0.979 | 20.59 |
| 085 | 195.3 | 8.7 | 0.0363 | -14.40 | 0.977 | 20.57 |
| 086 | 195.3 | 8.7 | 0.0361 | -14.42 | 0.975 | 20.54 |
| 087 | 195.4 | 8.6 | 0.0359 | -14.44 | 0.973 | 20.52 |
| 088 | 195.5 | 8.5 | 0.0358 | -14.46 | 0.970 | 20.49 |
| 089 | 195.6 | 8.4 | 0.0356 | -14.48 | 0.968 | 20.47 |
| 090 | 195.7 | 8.3 | 0.0355 | -14.50 | 0.966 | 20.44 |
| 091 | 195.7 | 8.3 | 0.0352 | -14.53 | 0.963 | 20.40 |
| 092 | 195.7 | 8.3 | 0.0350 | -14.56 | 0.959 | 20.37 |
| 093 | 195.9 | 8.1 | 0.0347 | -14.59 | 0.956 | 20.33 |
| 094 | 196.0 | 8.0 | 0.0345 | -14.62 | 0.953 | 20.29 |
| 095 | 196.0 | 8.0 | 0.0343 | -14.65 | 0.950 | 20.25 |
| 096 | 196.1 | 7.9 | 0.0340 | -14.68 | 0.946 | 20.21 |
| 097 | 196.2 | 7.8 | 0.0338 | -14.71 | 0.943 | 20.18 |
| 098 | 196.3 | 7.7 | 0.0335 | -14.74 | 0.940 | 20.14 |
| 099 | 196.2 | 7.8 | 0.0333 | -14.77 | 0.936 | 20.10 |
| 100 | 196.2 | 7.8 | 0.0331 | -14.80 | 0.933 | 20.06 |
| 101 | 196.2 | 7.8 | 0.0328 | -14.85 | 0.929 | 20.01 |
| 102 | 196.1 | 7.9 | 0.0324 | -14.89 | 0.924 | 19.95 |
| 103 | 196.1 | 7.9 | 0.0321 | -14.93 | 0.919 | 19.90 |
| 104 | 196.1 | 7.9 | 0.0318 | -14.97 | 0.915 | 19.85 |
| 105 | 196.3 | 7.7 | 0.0315 | -15.02 | 0.910 | 19.79 |
| 106 | 196.5 | 7.5 | 0.0312 | -15.06 | 0.906 | 19.74 |
| 107 | 196.8 | 7.2 | 0.0309 | -15.10 | 0.901 | 19.69 |
| 108 | 196.9 | 7.1 | 0.0306 | -15.15 | 0.897 | 19.63 |
| 109 | 197.0 | 7.0 | 0.0303 | -15.19 | 0.892 | 19.58 |
| 110 | 197.1 | 6.9 | 0.0300 | -15.23 | 0.888 | 19.52 |
| 111 | 197.3 | 6.7 | 0.0296 | -15.29 | 0.882 | 19.45 |
| 112 | 197.4 | 6.6 | 0.0292 | -15.34 | 0.877 | 19.39 |
| 113 | 197.5 | 6.5 | 0.0289 | -15.40 | 0.872 | 19.32 |
| 114 | 197.6 | 6.4 | 0.0285 | -15.45 | 0.866 | 19.25 |
| 115 | 197.7 | 6.3 | 0.0281 | -15.51 | 0.860 | 19.18 |
| 116 | 198.0 | 6.0 | 0.0278 | -15.56 | 0.855 | 19.11 |
| 117 | 198.1 | 5.9 | 0.0274 | -15.62 | 0.850 | 19.04 |
| 118 | 198.3 | 5.7 | 0.0271 | -15.68 | 0.844 | 18.98 |

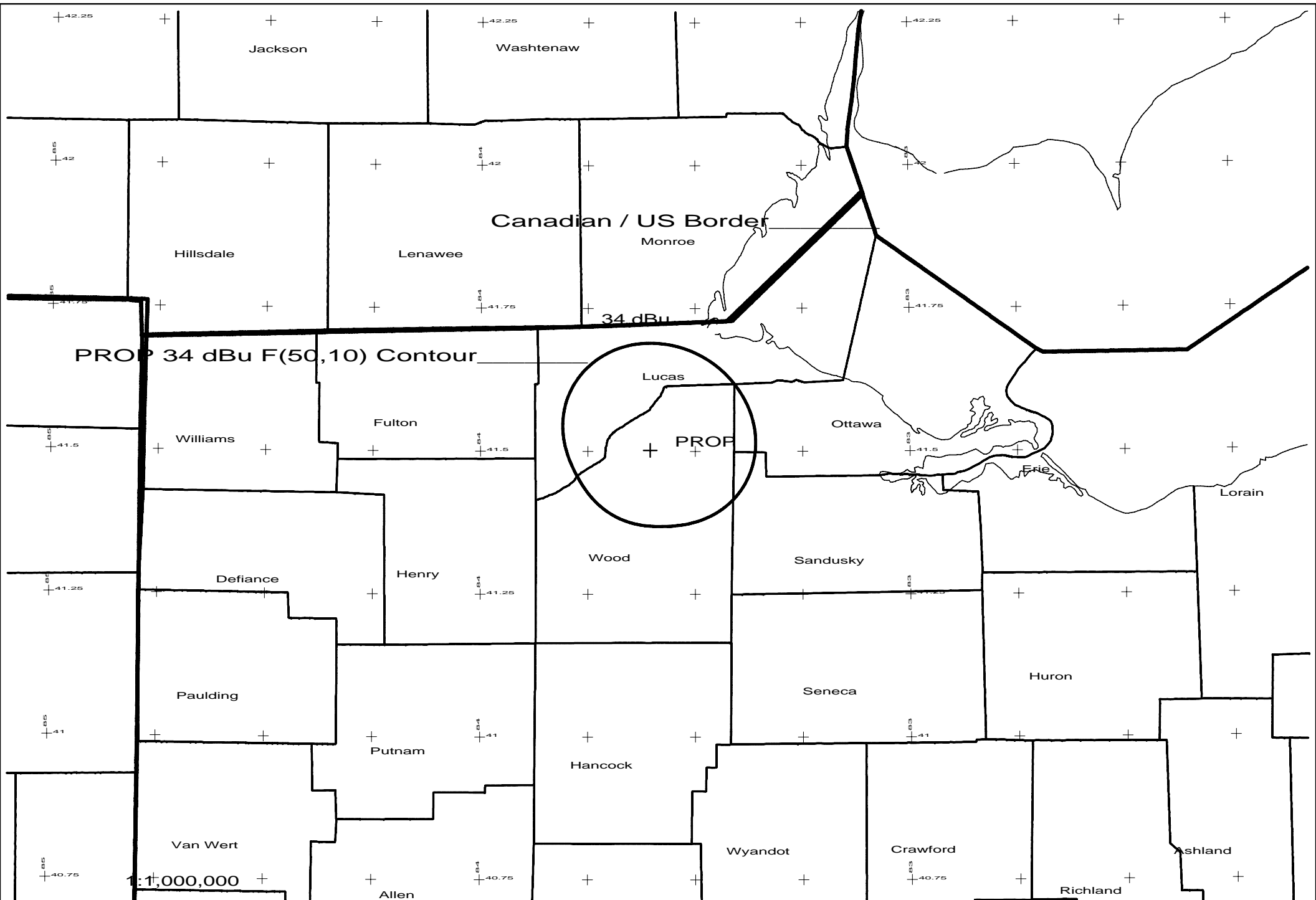
| | | | | Contour.out | | |
|-----|-------|------|--------|-------------|-------|-------|
| 119 | 198.4 | 5.6 | 0.0267 | -15.73 | 0.839 | 18.91 |
| 120 | 198.5 | 5.5 | 0.0264 | -15.79 | 0.833 | 18.84 |
| 121 | 198.5 | 5.5 | 0.0260 | -15.85 | 0.827 | 18.76 |
| 122 | 198.6 | 5.4 | 0.0256 | -15.92 | 0.821 | 18.68 |
| 123 | 198.7 | 5.3 | 0.0252 | -15.99 | 0.814 | 18.60 |
| 124 | 198.8 | 5.2 | 0.0248 | -16.05 | 0.808 | 18.51 |
| 125 | 199.0 | 5.0 | 0.0244 | -16.12 | 0.802 | 18.43 |
| 126 | 199.2 | 4.8 | 0.0241 | -16.19 | 0.796 | 18.35 |
| 127 | 199.4 | 4.6 | 0.0237 | -16.25 | 0.790 | 18.27 |
| 128 | 199.5 | 4.5 | 0.0233 | -16.32 | 0.783 | 18.19 |
| 129 | 199.7 | 4.3 | 0.0230 | -16.39 | 0.777 | 18.10 |
| 130 | 199.9 | 4.1 | 0.0226 | -16.46 | 0.771 | 18.02 |
| 131 | 200.1 | 3.9 | 0.0222 | -16.53 | 0.765 | 17.93 |
| 132 | 200.3 | 3.7 | 0.0219 | -16.60 | 0.759 | 17.85 |
| 133 | 200.3 | 3.7 | 0.0215 | -16.67 | 0.752 | 17.76 |
| 134 | 200.5 | 3.5 | 0.0212 | -16.75 | 0.746 | 17.68 |
| 135 | 200.4 | 3.6 | 0.0208 | -16.82 | 0.740 | 17.59 |
| 136 | 200.4 | 3.6 | 0.0205 | -16.89 | 0.734 | 17.50 |
| 137 | 200.4 | 3.6 | 0.0201 | -16.96 | 0.728 | 17.41 |
| 138 | 200.3 | 3.7 | 0.0198 | -17.04 | 0.721 | 17.32 |
| 139 | 200.3 | 3.7 | 0.0194 | -17.11 | 0.715 | 17.23 |
| 140 | 200.3 | 3.7 | 0.0191 | -17.19 | 0.709 | 17.14 |
| 141 | 200.2 | 3.8 | 0.0188 | -17.26 | 0.703 | 17.06 |
| 142 | 200.3 | 3.7 | 0.0185 | -17.33 | 0.698 | 16.98 |
| 143 | 200.4 | 3.6 | 0.0182 | -17.40 | 0.692 | 16.90 |
| 144 | 200.6 | 3.4 | 0.0179 | -17.47 | 0.687 | 16.81 |
| 145 | 200.7 | 3.3 | 0.0176 | -17.54 | 0.681 | 16.73 |
| 146 | 201.1 | 2.9 | 0.0173 | -17.61 | 0.675 | 16.64 |
| 147 | 201.7 | 2.3 | 0.0170 | -17.68 | 0.670 | 16.56 |
| 148 | 201.8 | 2.2 | 0.0168 | -17.76 | 0.664 | 16.47 |
| 149 | 201.7 | 2.3 | 0.0165 | -17.83 | 0.659 | 16.38 |
| 150 | 201.8 | 2.2 | 0.0162 | -17.90 | 0.653 | 16.30 |
| 151 | 201.6 | 2.4 | 0.0160 | -17.97 | 0.648 | 16.22 |
| 152 | 201.6 | 2.4 | 0.0158 | -18.03 | 0.644 | 16.15 |
| 153 | 201.6 | 2.4 | 0.0155 | -18.09 | 0.639 | 16.08 |
| 154 | 201.6 | 2.4 | 0.0153 | -18.15 | 0.635 | 16.00 |
| 155 | 201.7 | 2.3 | 0.0151 | -18.22 | 0.630 | 15.93 |
| 156 | 201.8 | 2.2 | 0.0149 | -18.28 | 0.625 | 15.86 |
| 157 | 201.9 | 2.1 | 0.0146 | -18.34 | 0.621 | 15.78 |
| 158 | 202.1 | 1.9 | 0.0144 | -18.41 | 0.616 | 15.71 |
| 159 | 202.3 | 1.7 | 0.0142 | -18.47 | 0.612 | 15.63 |
| 160 | 202.4 | 1.6 | 0.0140 | -18.54 | 0.607 | 15.55 |
| 161 | 202.5 | 1.5 | 0.0139 | -18.58 | 0.604 | 15.50 |
| 162 | 202.5 | 1.5 | 0.0137 | -18.63 | 0.601 | 15.45 |
| 163 | 202.6 | 1.4 | 0.0136 | -18.68 | 0.597 | 15.39 |
| 164 | 202.7 | 1.3 | 0.0134 | -18.72 | 0.594 | 15.34 |
| 165 | 202.8 | 1.2 | 0.0133 | -18.77 | 0.591 | 15.29 |
| 166 | 202.8 | 1.2 | 0.0131 | -18.82 | 0.588 | 15.23 |
| 167 | 203.0 | 1.0 | 0.0130 | -18.86 | 0.585 | 15.18 |
| 168 | 203.0 | 1.0 | 0.0128 | -18.91 | 0.581 | 15.12 |
| 169 | 203.0 | 1.0 | 0.0127 | -18.96 | 0.578 | 15.07 |
| 170 | 203.1 | 0.9 | 0.0126 | -19.01 | 0.575 | 15.01 |
| 171 | 203.2 | 0.8 | 0.0125 | -19.04 | 0.573 | 14.98 |
| 172 | 203.3 | 0.7 | 0.0124 | -19.07 | 0.571 | 14.95 |
| 173 | 203.5 | 0.5 | 0.0123 | -19.10 | 0.569 | 14.92 |
| 174 | 203.6 | 0.4 | 0.0122 | -19.13 | 0.567 | 14.90 |
| 175 | 203.7 | 0.3 | 0.0121 | -19.16 | 0.565 | 14.87 |
| 176 | 203.8 | 0.2 | 0.0120 | -19.19 | 0.563 | 14.84 |
| 177 | 203.9 | 0.1 | 0.0120 | -19.22 | 0.561 | 14.82 |
| 178 | 204.1 | -0.1 | 0.0119 | -19.25 | 0.559 | 14.79 |
| 179 | 204.2 | -0.2 | 0.0118 | -19.29 | 0.557 | 14.76 |
| 180 | 204.3 | -0.3 | 0.0117 | -19.32 | 0.555 | 14.74 |
| 181 | 204.5 | -0.5 | 0.0117 | -19.33 | 0.554 | 14.72 |
| 182 | 204.7 | -0.7 | 0.0116 | -19.34 | 0.553 | 14.71 |
| 183 | 204.8 | -0.8 | 0.0116 | -19.36 | 0.552 | 14.70 |
| 184 | 204.9 | -0.9 | 0.0116 | -19.37 | 0.551 | 14.69 |

| | | | | Contour.out | | |
|-----|-------|------|--------|-------------|-------|-------|
| 185 | 204.9 | -0.9 | 0.0115 | -19.39 | 0.550 | 14.67 |
| 186 | 204.8 | -0.8 | 0.0115 | -19.40 | 0.550 | 14.66 |
| 187 | 204.7 | -0.7 | 0.0114 | -19.42 | 0.549 | 14.65 |
| 188 | 204.7 | -0.7 | 0.0114 | -19.43 | 0.548 | 14.64 |
| 189 | 204.7 | -0.7 | 0.0114 | -19.44 | 0.547 | 14.62 |
| 190 | 204.9 | -0.9 | 0.0113 | -19.46 | 0.546 | 14.61 |
| 191 | 205.1 | -1.1 | 0.0113 | -19.46 | 0.546 | 14.61 |
| 192 | 205.3 | -1.3 | 0.0113 | -19.47 | 0.545 | 14.60 |
| 193 | 205.6 | -1.6 | 0.0113 | -19.48 | 0.545 | 14.60 |
| 194 | 205.7 | -1.7 | 0.0113 | -19.48 | 0.544 | 14.59 |
| 195 | 205.5 | -1.5 | 0.0112 | -19.49 | 0.544 | 14.58 |
| 196 | 205.4 | -1.4 | 0.0112 | -19.50 | 0.544 | 14.58 |
| 197 | 205.4 | -1.4 | 0.0112 | -19.50 | 0.543 | 14.57 |
| 198 | 205.3 | -1.3 | 0.0112 | -19.51 | 0.543 | 14.57 |
| 199 | 205.3 | -1.3 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 200 | 205.1 | -1.1 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 201 | 205.2 | -1.2 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 202 | 205.1 | -1.1 | 0.0112 | -19.53 | 0.542 | 14.55 |
| 203 | 205.1 | -1.1 | 0.0112 | -19.53 | 0.542 | 14.55 |
| 204 | 204.9 | -0.9 | 0.0111 | -19.53 | 0.542 | 14.55 |
| 205 | 204.8 | -0.8 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 206 | 204.7 | -0.7 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 207 | 204.5 | -0.5 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 208 | 204.4 | -0.4 | 0.0111 | -19.54 | 0.541 | 14.55 |
| 209 | 204.4 | -0.4 | 0.0111 | -19.54 | 0.541 | 14.54 |
| 210 | 204.3 | -0.3 | 0.0111 | -19.54 | 0.541 | 14.54 |
| 211 | 204.3 | -0.3 | 0.0111 | -19.54 | 0.541 | 14.54 |
| 212 | 204.1 | -0.1 | 0.0111 | -19.54 | 0.541 | 14.55 |
| 213 | 204.0 | 0.0 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 214 | 203.9 | 0.1 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 215 | 203.9 | 0.1 | 0.0111 | -19.53 | 0.541 | 14.55 |
| 216 | 203.9 | 0.1 | 0.0111 | -19.53 | 0.542 | 14.55 |
| 217 | 203.8 | 0.2 | 0.0112 | -19.53 | 0.542 | 14.55 |
| 218 | 203.7 | 0.3 | 0.0112 | -19.53 | 0.542 | 14.55 |
| 219 | 203.6 | 0.4 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 220 | 203.5 | 0.5 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 221 | 203.4 | 0.6 | 0.0112 | -19.52 | 0.542 | 14.56 |
| 222 | 203.3 | 0.7 | 0.0112 | -19.51 | 0.543 | 14.57 |
| 223 | 203.2 | 0.8 | 0.0112 | -19.50 | 0.543 | 14.57 |
| 224 | 203.1 | 0.9 | 0.0112 | -19.50 | 0.544 | 14.58 |
| 225 | 203.0 | 1.0 | 0.0112 | -19.49 | 0.544 | 14.58 |
| 226 | 202.8 | 1.2 | 0.0113 | -19.48 | 0.544 | 14.59 |
| 227 | 202.8 | 1.2 | 0.0113 | -19.48 | 0.545 | 14.60 |
| 228 | 202.6 | 1.4 | 0.0113 | -19.47 | 0.545 | 14.60 |
| 229 | 202.4 | 1.6 | 0.0113 | -19.46 | 0.546 | 14.61 |
| 230 | 202.3 | 1.7 | 0.0113 | -19.46 | 0.546 | 14.61 |
| 231 | 202.2 | 1.8 | 0.0114 | -19.44 | 0.547 | 14.62 |
| 232 | 202.1 | 1.9 | 0.0114 | -19.43 | 0.548 | 14.64 |
| 233 | 201.9 | 2.1 | 0.0114 | -19.42 | 0.549 | 14.65 |
| 234 | 201.8 | 2.2 | 0.0115 | -19.40 | 0.550 | 14.66 |
| 235 | 201.7 | 2.3 | 0.0115 | -19.39 | 0.550 | 14.67 |
| 236 | 201.4 | 2.6 | 0.0116 | -19.37 | 0.551 | 14.69 |
| 237 | 201.1 | 2.9 | 0.0116 | -19.36 | 0.552 | 14.70 |
| 238 | 200.9 | 3.1 | 0.0116 | -19.34 | 0.553 | 14.71 |
| 239 | 200.9 | 3.1 | 0.0117 | -19.33 | 0.554 | 14.72 |
| 240 | 200.9 | 3.1 | 0.0117 | -19.32 | 0.555 | 14.74 |
| 241 | 200.6 | 3.4 | 0.0118 | -19.29 | 0.557 | 14.76 |
| 242 | 200.5 | 3.5 | 0.0119 | -19.25 | 0.559 | 14.79 |
| 243 | 200.4 | 3.6 | 0.0120 | -19.22 | 0.561 | 14.82 |
| 244 | 200.2 | 3.8 | 0.0120 | -19.19 | 0.563 | 14.84 |
| 245 | 200.0 | 4.0 | 0.0121 | -19.16 | 0.565 | 14.87 |
| 246 | 199.9 | 4.1 | 0.0122 | -19.13 | 0.567 | 14.90 |
| 247 | 199.7 | 4.3 | 0.0123 | -19.10 | 0.569 | 14.92 |
| 248 | 199.3 | 4.7 | 0.0124 | -19.07 | 0.571 | 14.95 |
| 249 | 198.8 | 5.2 | 0.0125 | -19.04 | 0.573 | 14.98 |
| 250 | 198.5 | 5.5 | 0.0126 | -19.01 | 0.575 | 15.01 |

| | | | | Contour.out | | |
|-----|-------|------|--------|-------------|-------|-------|
| 251 | 197.2 | 6.8 | 0.0127 | -18.96 | 0.578 | 15.07 |
| 252 | 196.5 | 7.5 | 0.0128 | -18.91 | 0.581 | 15.12 |
| 253 | 197.6 | 6.4 | 0.0130 | -18.86 | 0.585 | 15.18 |
| 254 | 198.0 | 6.0 | 0.0131 | -18.82 | 0.588 | 15.23 |
| 255 | 198.1 | 5.9 | 0.0133 | -18.77 | 0.591 | 15.29 |
| 256 | 198.2 | 5.8 | 0.0134 | -18.72 | 0.594 | 15.34 |
| 257 | 198.3 | 5.7 | 0.0136 | -18.68 | 0.597 | 15.39 |
| 258 | 198.1 | 5.9 | 0.0137 | -18.63 | 0.601 | 15.45 |
| 259 | 197.7 | 6.3 | 0.0139 | -18.58 | 0.604 | 15.50 |
| 260 | 197.5 | 6.5 | 0.0140 | -18.54 | 0.607 | 15.55 |
| 261 | 197.8 | 6.2 | 0.0142 | -18.47 | 0.612 | 15.63 |
| 262 | 197.9 | 6.1 | 0.0144 | -18.41 | 0.616 | 15.71 |
| 263 | 197.8 | 6.2 | 0.0146 | -18.34 | 0.621 | 15.78 |
| 264 | 197.7 | 6.3 | 0.0149 | -18.28 | 0.625 | 15.86 |
| 265 | 197.8 | 6.2 | 0.0151 | -18.22 | 0.630 | 15.93 |
| 266 | 197.8 | 6.2 | 0.0153 | -18.15 | 0.635 | 16.00 |
| 267 | 197.9 | 6.1 | 0.0155 | -18.09 | 0.639 | 16.08 |
| 268 | 197.8 | 6.2 | 0.0158 | -18.03 | 0.644 | 16.15 |
| 269 | 197.5 | 6.5 | 0.0160 | -17.97 | 0.648 | 16.22 |
| 270 | 197.4 | 6.6 | 0.0162 | -17.90 | 0.653 | 16.30 |
| 271 | 197.3 | 6.7 | 0.0165 | -17.83 | 0.659 | 16.38 |
| 272 | 197.1 | 6.9 | 0.0168 | -17.76 | 0.664 | 16.47 |
| 273 | 196.9 | 7.1 | 0.0170 | -17.68 | 0.670 | 16.56 |
| 274 | 196.6 | 7.4 | 0.0173 | -17.61 | 0.675 | 16.64 |
| 275 | 196.1 | 7.9 | 0.0176 | -17.54 | 0.681 | 16.73 |
| 276 | 195.7 | 8.3 | 0.0179 | -17.47 | 0.687 | 16.81 |
| 277 | 195.5 | 8.5 | 0.0182 | -17.40 | 0.692 | 16.90 |
| 278 | 195.3 | 8.7 | 0.0185 | -17.33 | 0.698 | 16.98 |
| 279 | 195.0 | 9.0 | 0.0188 | -17.26 | 0.703 | 17.06 |
| 280 | 194.9 | 9.1 | 0.0191 | -17.19 | 0.709 | 17.14 |
| 281 | 194.7 | 9.3 | 0.0194 | -17.11 | 0.715 | 17.23 |
| 282 | 194.5 | 9.5 | 0.0198 | -17.04 | 0.721 | 17.32 |
| 283 | 194.4 | 9.6 | 0.0201 | -16.96 | 0.728 | 17.41 |
| 284 | 194.3 | 9.7 | 0.0205 | -16.89 | 0.734 | 17.50 |
| 285 | 194.2 | 9.8 | 0.0208 | -16.82 | 0.740 | 17.59 |
| 286 | 194.0 | 10.0 | 0.0212 | -16.75 | 0.746 | 17.68 |
| 287 | 193.7 | 10.3 | 0.0215 | -16.67 | 0.752 | 17.76 |
| 288 | 193.5 | 10.5 | 0.0219 | -16.60 | 0.759 | 17.85 |
| 289 | 193.5 | 10.5 | 0.0222 | -16.53 | 0.765 | 17.93 |
| 290 | 193.5 | 10.5 | 0.0226 | -16.46 | 0.771 | 18.02 |
| 291 | 193.4 | 10.6 | 0.0230 | -16.39 | 0.777 | 18.10 |
| 292 | 193.2 | 10.8 | 0.0233 | -16.32 | 0.783 | 18.19 |
| 293 | 193.1 | 10.9 | 0.0237 | -16.25 | 0.790 | 18.27 |
| 294 | 192.9 | 11.1 | 0.0241 | -16.19 | 0.796 | 18.35 |
| 295 | 192.8 | 11.2 | 0.0244 | -16.12 | 0.802 | 18.43 |
| 296 | 192.7 | 11.3 | 0.0248 | -16.05 | 0.808 | 18.51 |
| 297 | 192.6 | 11.4 | 0.0252 | -15.99 | 0.814 | 18.60 |
| 298 | 192.6 | 11.4 | 0.0256 | -15.92 | 0.821 | 18.68 |
| 299 | 192.5 | 11.5 | 0.0260 | -15.85 | 0.827 | 18.76 |
| 300 | 192.3 | 11.7 | 0.0264 | -15.79 | 0.833 | 18.84 |
| 301 | 192.1 | 11.9 | 0.0267 | -15.73 | 0.839 | 18.91 |
| 302 | 192.1 | 11.9 | 0.0271 | -15.68 | 0.844 | 18.98 |
| 303 | 192.0 | 12.0 | 0.0274 | -15.62 | 0.850 | 19.04 |
| 304 | 192.0 | 12.0 | 0.0278 | -15.56 | 0.855 | 19.11 |
| 305 | 191.8 | 12.2 | 0.0281 | -15.51 | 0.860 | 19.18 |
| 306 | 191.7 | 12.3 | 0.0285 | -15.45 | 0.866 | 19.25 |
| 307 | 191.5 | 12.5 | 0.0289 | -15.40 | 0.872 | 19.32 |
| 308 | 191.3 | 12.7 | 0.0292 | -15.34 | 0.877 | 19.39 |
| 309 | 191.1 | 12.9 | 0.0296 | -15.29 | 0.882 | 19.45 |
| 310 | 190.8 | 13.2 | 0.0300 | -15.23 | 0.888 | 19.52 |
| 311 | 190.7 | 13.3 | 0.0303 | -15.19 | 0.892 | 19.58 |
| 312 | 190.6 | 13.4 | 0.0306 | -15.15 | 0.897 | 19.63 |
| 313 | 190.4 | 13.6 | 0.0309 | -15.10 | 0.901 | 19.69 |
| 314 | 190.0 | 14.0 | 0.0312 | -15.06 | 0.906 | 19.74 |
| 315 | 189.6 | 14.4 | 0.0315 | -15.02 | 0.910 | 19.79 |
| 316 | 189.4 | 14.6 | 0.0318 | -14.97 | 0.915 | 19.85 |

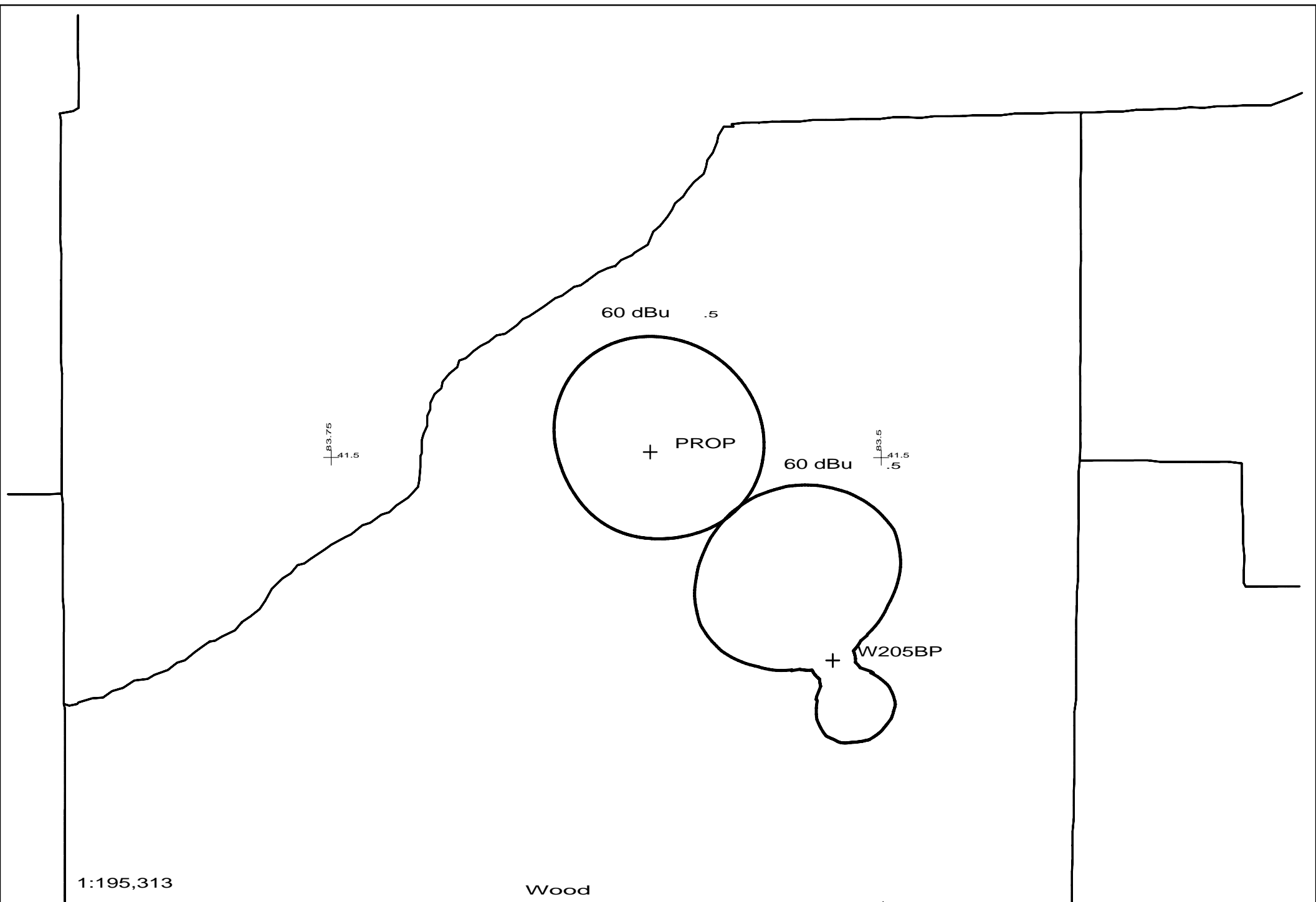
| Contour.out | | | | | | |
|-------------|-------|------|--------|--------|-------|-------|
| 317 | 189.3 | 14.7 | 0.0321 | -14.93 | 0.919 | 19.90 |
| 318 | 189.5 | 14.5 | 0.0324 | -14.89 | 0.924 | 19.95 |
| 319 | 189.5 | 14.5 | 0.0328 | -14.85 | 0.929 | 20.01 |
| 320 | 189.5 | 14.5 | 0.0331 | -14.80 | 0.933 | 20.06 |
| 321 | 189.4 | 14.6 | 0.0333 | -14.77 | 0.936 | 20.10 |
| 322 | 189.4 | 14.6 | 0.0335 | -14.74 | 0.940 | 20.14 |
| 323 | 189.3 | 14.7 | 0.0338 | -14.71 | 0.943 | 20.18 |
| 324 | 189.1 | 14.9 | 0.0340 | -14.68 | 0.946 | 20.21 |
| 325 | 189.1 | 14.9 | 0.0343 | -14.65 | 0.950 | 20.25 |
| 326 | 189.1 | 14.9 | 0.0345 | -14.62 | 0.953 | 20.29 |
| 327 | 189.0 | 15.0 | 0.0347 | -14.59 | 0.956 | 20.33 |
| 328 | 189.1 | 14.9 | 0.0350 | -14.56 | 0.959 | 20.37 |
| 329 | 189.2 | 14.8 | 0.0352 | -14.53 | 0.963 | 20.40 |
| 330 | 189.1 | 14.9 | 0.0355 | -14.50 | 0.966 | 20.44 |
| 331 | 189.0 | 15.0 | 0.0356 | -14.48 | 0.968 | 20.47 |
| 332 | 188.9 | 15.1 | 0.0358 | -14.46 | 0.970 | 20.49 |
| 333 | 188.7 | 15.3 | 0.0359 | -14.44 | 0.973 | 20.52 |
| 334 | 188.6 | 15.4 | 0.0361 | -14.42 | 0.975 | 20.54 |
| 335 | 188.6 | 15.4 | 0.0363 | -14.40 | 0.977 | 20.57 |
| 336 | 188.5 | 15.5 | 0.0364 | -14.38 | 0.979 | 20.59 |
| 337 | 188.3 | 15.7 | 0.0366 | -14.37 | 0.981 | 20.62 |
| 338 | 188.2 | 15.8 | 0.0368 | -14.35 | 0.984 | 20.64 |
| 339 | 188.2 | 15.8 | 0.0369 | -14.33 | 0.986 | 20.67 |
| 340 | 188.0 | 16.0 | 0.0371 | -14.31 | 0.988 | 20.69 |
| 341 | 187.8 | 16.2 | 0.0372 | -14.30 | 0.989 | 20.70 |
| 342 | 187.8 | 16.2 | 0.0373 | -14.29 | 0.990 | 20.72 |
| 343 | 187.9 | 16.1 | 0.0373 | -14.28 | 0.991 | 20.73 |
| 344 | 187.9 | 16.1 | 0.0374 | -14.27 | 0.992 | 20.74 |
| 345 | 187.9 | 16.1 | 0.0375 | -14.26 | 0.993 | 20.75 |
| 346 | 187.9 | 16.1 | 0.0376 | -14.25 | 0.995 | 20.77 |
| 347 | 187.9 | 16.1 | 0.0377 | -14.24 | 0.996 | 20.78 |
| 348 | 188.0 | 16.0 | 0.0378 | -14.23 | 0.997 | 20.79 |
| 349 | 187.9 | 16.1 | 0.0378 | -14.22 | 0.998 | 20.80 |
| 350 | 187.8 | 16.2 | 0.0379 | -14.21 | 0.999 | 20.81 |
| 351 | 187.6 | 16.4 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 352 | 187.7 | 16.3 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 353 | 187.9 | 16.1 | 0.0379 | -14.21 | 0.999 | 20.82 |
| 354 | 187.9 | 16.1 | 0.0380 | -14.21 | 0.999 | 20.82 |
| 355 | 187.8 | 16.2 | 0.0380 | -14.21 | 0.999 | 20.82 |
| 356 | 187.7 | 16.3 | 0.0380 | -14.21 | 1.000 | 20.82 |
| 357 | 187.6 | 16.4 | 0.0380 | -14.20 | 1.000 | 20.82 |
| 358 | 187.6 | 16.4 | 0.0380 | -14.20 | 1.000 | 20.82 |
| 359 | 187.4 | 16.6 | 0.0380 | -14.20 | 1.000 | 20.82 |

Ave EI = 196.07 M HAAT= 7.93 M AMSL= 204
Area by numeric integration= 1053.37 Sq km.



PROP 204D .038kW 204M AMSL
N. Lat. 41 30 07 W. Lng. 83 36 18

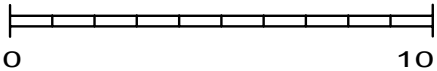
CanadianCompliance
CCTF - 03/10



1:195,313

Wood

Scale in km



PROP 204D .038kW 204M AMSL

N. Lat. 41 30 07 W. Lng. 83 36 18

minorchange

CCTF - 03/10

+

PROP

60 dBu



Antenna Structure Registration

[FCC](#) > [WTB](#) > [ASR](#) > [Online Systems](#) > TOWAIR[FCC Site Map](#)

TOWAIR Determination Results

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*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Antenna Structures whose total height (AGL) is <= 6.1 meters (20 feet) do not require registration

Your Specifications

NAD83 Coordinates

| | |
|-----------|------------------|
| Latitude | 41-30-07.1 north |
| Longitude | 083-36-17.7 west |

Measurements (Meters)

| | |
|--------------------------------|-----|
| Overall Structure Height (AGL) | 6 |
| Support Structure Height (AGL) | 6 |
| Site Elevation (AMSL) | 198 |

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

Tower Construction Notifications

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

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