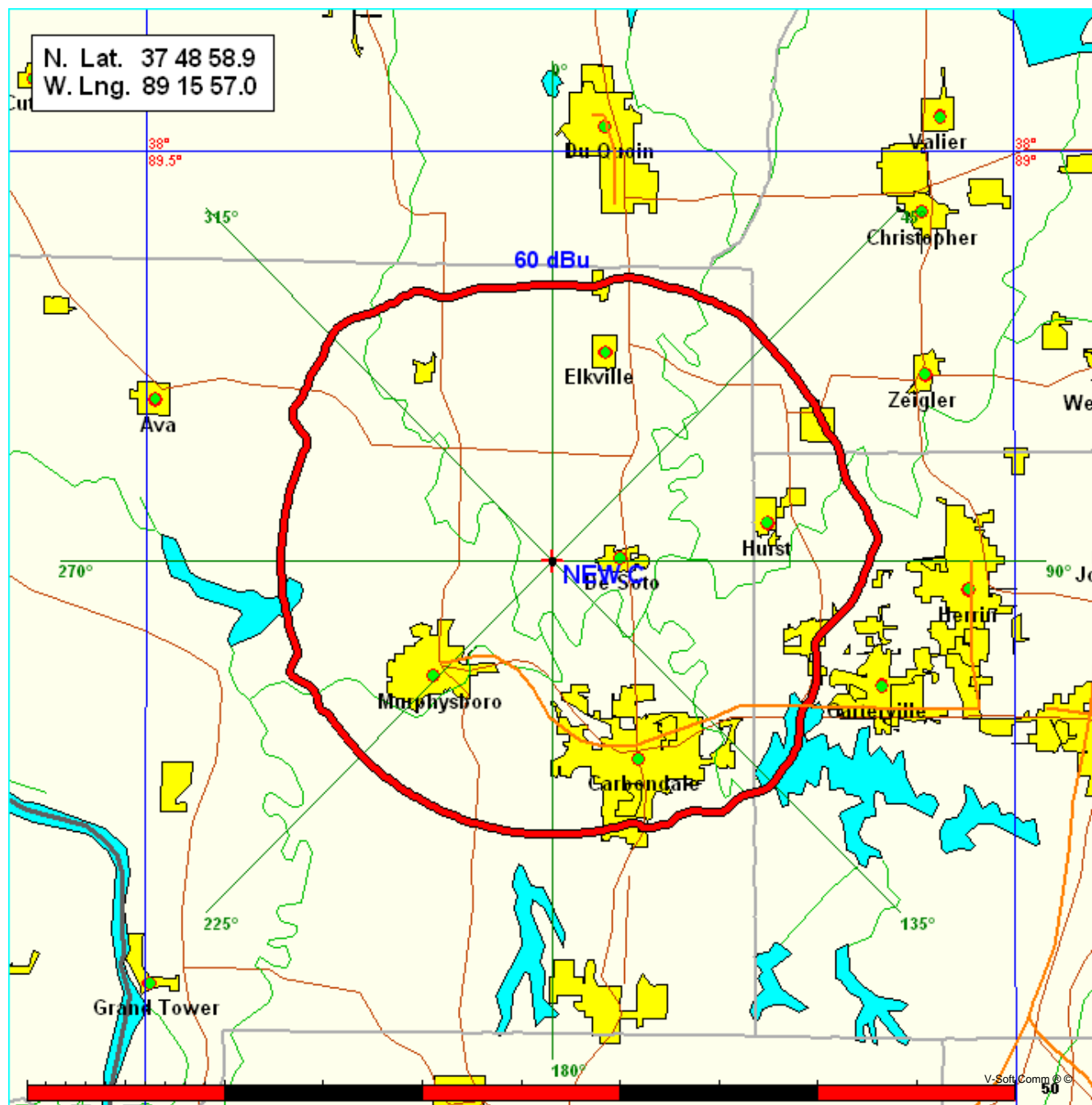


Murphysboro - Move to new tower - 60 dBu Coverage
Illinois Bible Institute, Inc.

Coverage Study - FCC NGDC 30 Sec
11-09-2010

NEW-C CH206 A , 3.5 kW, 31.8M HAAT, 155.5M COR AMSL
Service Contour = 60 dBu. Population = 51,968



N. Lat. = 374858.9 W. Lng. = 891557.0

HAAT and Distance to Contour,

FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

Murphysboro _ IBI - Distance to 60 dBu Contour

Azi. AV EL HAAT ERP kW dBk Field 60-F5

| | | | | | | |
|-----|-------|------|--------|------|-------|-------|
| 000 | 130.3 | 25.2 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 010 | 124.0 | 31.5 | 3.5000 | 5.44 | 1.000 | 14.01 |
| 020 | 120.2 | 35.3 | 3.5000 | 5.44 | 1.000 | 14.77 |
| 030 | 118.5 | 37.0 | 3.5000 | 5.44 | 1.000 | 15.11 |
| 040 | 117.0 | 38.5 | 3.5000 | 5.44 | 1.000 | 15.45 |
| 050 | 117.8 | 37.7 | 3.5000 | 5.44 | 1.000 | 15.27 |
| 060 | 117.7 | 37.8 | 3.5000 | 5.44 | 1.000 | 15.30 |
| 070 | 116.9 | 38.6 | 3.5000 | 5.44 | 1.000 | 15.45 |
| 080 | 114.7 | 40.8 | 3.5000 | 5.44 | 1.000 | 15.94 |
| 090 | 114.7 | 40.8 | 3.5000 | 5.44 | 1.000 | 15.96 |
| 100 | 119.5 | 36.0 | 3.5000 | 5.44 | 1.000 | 14.92 |
| 110 | 123.2 | 32.3 | 3.5000 | 5.44 | 1.000 | 14.17 |
| 120 | 120.7 | 34.8 | 3.5000 | 5.44 | 1.000 | 14.66 |
| 130 | 116.4 | 39.1 | 3.5000 | 5.44 | 1.000 | 15.57 |
| 140 | 117.9 | 37.6 | 3.5000 | 5.44 | 1.000 | 15.25 |
| 150 | 121.6 | 33.9 | 3.5000 | 5.44 | 1.000 | 14.48 |
| 160 | 122.6 | 32.9 | 3.5000 | 5.44 | 1.000 | 14.29 |
| 170 | 129.5 | 26.0 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 180 | 132.0 | 23.5 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 190 | 128.9 | 26.6 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 200 | 128.8 | 26.7 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 210 | 139.9 | 15.6 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 220 | 130.9 | 24.6 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 230 | 131.5 | 24.0 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 240 | 125.6 | 29.9 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 250 | 125.8 | 29.7 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 260 | 126.8 | 28.7 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 270 | 131.5 | 24.0 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 280 | 137.2 | 18.3 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 290 | 131.3 | 24.2 | 3.5000 | 5.44 | 1.000 | 13.72 |
| 300 | 118.4 | 37.1 | 3.5000 | 5.44 | 1.000 | 15.15 |
| 310 | 117.0 | 38.5 | 3.5000 | 5.44 | 1.000 | 15.43 |
| 320 | 115.7 | 39.8 | 3.5000 | 5.44 | 1.000 | 15.72 |
| 330 | 118.2 | 37.3 | 3.5000 | 5.44 | 1.000 | 15.17 |
| 340 | 123.6 | 31.9 | 3.5000 | 5.44 | 1.000 | 14.09 |
| 350 | 125.5 | 30.0 | 3.5000 | 5.44 | 1.000 | 13.73 |

Ave El= 123.66 M HAAT= 31.84 M AMSL= 155.5