

TERRAIN AND CONTOUR DATA
Channel 202 C3 - Doniphan, MO

ERP = 11 kW
FM - 2-6 Tables

| Azimuth Deg T. | Ave. Elev. 3 to 16 km Meters AMSL | Effective Antenna Height Meters AAT | ERP (dBk) | F(50-50) Distance to 60 dBu Contour km |
|-------------------|---|---|--------------|---|
| 0 | 153.4 | 77.9 | 10.414 | 28.8 |
| 10 | 164.3 | 67.0 | 10.414 | 27.0 |
| 20 | 161.5 | 69.8 | 10.414 | 27.4 |
| 30 | 153.9 | 77.4 | 10.414 | 28.7 |
| 40 | 151.7 | 79.6 | 10.414 | 29.1 |
| 50 | 149.8 | 81.5 | 10.414 | 29.4 |
| 60 | 139.1 | 92.2 | 10.414 | 31.3 |
| 70 | 132.0 | 99.3 | 10.414 | 32.5 |
| 80 | 128.7 | 102.6 | 10.414 | 33.0 |
| 90 | 118.7 | 112.6 | 10.414 | 34.5 |
| 100 | 110.9 | 120.4 | 10.414 | 35.5 |
| 110 | 106.7 | 124.6 | 9.913 | 35.1 |
| 120 | 107.6 | 123.7 | 7.915 | 31.3 |
| 130 | 108.3 | 123.0 | 5.919 | 28.1 |
| 140 | 106.4 | 124.9 | 3.911 | 25.6 |
| 150 | 103.7 | 127.6 | 1.918 | 23.3 |
| 160 | 103.3 | 128.0 | -0.073 | 20.9 |
| 170 | 101.6 | 129.7 | -2.091 | 18.8 |
| 180 | 111.0 | 120.3 | -4.103 | 15.9 |
| 190 | 113.8 | 117.5 | -2.091 | 17.9 |
| 200 | 124.1 | 107.2 | -0.073 | 19.2 |
| 210 | 130.6 | 100.7 | 1.918 | 20.9 |
| 220 | 126.4 | 104.9 | 3.911 | 23.7 |
| 230 | 123.2 | 108.1 | 5.919 | 26.6 |
| 240 | 123.8 | 107.5 | 7.915 | 29.5 |
| 250 | 131.5 | 99.8 | 9.913 | 31.7 |
| 260 | 137.3 | 94.0 | 10.414 | 31.6 |
| 270 | 143.4 | 87.9 | 10.414 | 30.5 |
| 280 | 152.4 | 78.9 | 10.414 | 29.0 |
| 290 | 164.1 | 67.2 | 10.414 | 27.0 |
| 300 | 160.9 | 70.4 | 10.414 | 27.5 |
| 310 | 150.4 | 80.9 | 10.414 | 29.3 |
| 320 | 137.1 | 94.2 | 10.414 | 31.6 |
| 330 | 124.5 | 106.8 | 10.414 | 33.7 |
| 340 | 132.6 | 98.7 | 10.414 | 32.4 |
| 350 | 148.2 | 83.1 | 10.414 | 29.7 |

Ave. = 131.6 M 99.7 M

Antenna Radiation Center AMSL = 231.3 M

Average 60 dBu radial area = 4463.4 sq. km., 951.1 sq. mi.

Geographic Coordinates:

North latitude: 36 35 20

West longitude: 90 49 10

