Larry Waggoner
Project: KZXV Curves: VHF Low Band for 88 mHz to 108 mHz
Site Coordinates: 35-12-53 North 96-44-26 West
NGDC 30-Second Database for Continental US.
DEM-30 Database for AK, HI, and PR.
Site Elevation AMSL: (1010 feet), 308 meters
Antenna HAAT: 118 meters
Antenna Center Above Sea Level: 407 meters
TV/FM Channel: 206

--------- DISTANCES TO CONTOURS IN KILOMETERS ----------

| AZM (deg) | HAAT (m) | ERP (kW) | 70 dB (km) 50,50 | 60 dB (km) 50,50 | 100 dB (km) 50,10 | 80 dB (km) 50,10 | 54 dB (km) 50,10 | 40 dB (km) 50,10 |
|---|---|---|---|---|---|---|---|---|
| 180 | 125 | 2.300 | 14.1 | 25.1 | 2.2 | 8.0 | 38.0 | 76.2 |
| 185 | 126 | 2.300 | 14.2 | 25.2 | 2.2 | 8.0 | 38.1 | 76.4 |
| 190 | 128 | 2.300 | 14.3 | 25.4 | 2.3 | 8.1 | 38.4 | 76.7 |
| 195 | 128 | 2.300 | 14.3 | 25.4 | 2.3 | 8.1 | 38.4 | 76.7 |
| 200 | 128 | 2.300 | 14.3 | 25.4 | 2.3 | 8.1 | 38.4 | 76.7 |
| 205 | 127 | 2.300 | 14.2 | 25.3 | 2.3 | 8.0 | 38.3 | 76.5 |
| 210 | 123 | 2.300 | 14.0 | 24.9 | 2.2 | 7.9 | 37.7 | 75.9 |
| 215 | 121 | 2.300 | 13.9 | 24.7 | 2.2 | 7.9 | 37.5 | 75.5 |
| 220 | 119 | 2.300 | 13.8 | 24.6 | 2.2 | 7.8 | 37.2 | 75.2 |
| 225 | 116 | 2.300 | 13.6 | 24.3 | 2.2 | 7.7 | 36.7 | 74.7 |
| 230 | 113 | 2.300 | 13.4 | 24.0 | 2.2 | 7.6 | 36.2 | 74.2 |
| 235 | 110 | 2.300 | 13.3 | 23.7 | 2.2 | 7.5 | 35.7 | 73.7 |
| 240 | 107 | 2.300 | 13.1 | 23.4 | 2.1 | 7.4 | 35.2 | 73.1 |
| 245 | 105 | 2.300 | 13.0 | 23.2 | 2.1 | 7.3 | 34.9 | 72.8 |
| 250 | 110 | 2.300 | 13.3 | 23.7 | 2.2 | 7.5 | 35.7 | 73.7 |
| 255 | 115 | 2.300 | 13.6 | 24.2 | 2.2 | 7.7 | 36.5 | 74.5 |
| 260 | 122 | 2.300 | 14.0 | 24.8 | 2.2 | 7.9 | 37.6 | 75.7 |
| 265 | 121 | 2.300 | 13.9 | 24.7 | 2.2 | 7.9 | 37.5 | 75.5 |
| 270 | 119 | 2.300 | 13.8 | 24.6 | 2.2 | 7.8 | 37.2 | 75.2 |
| 275 | 114 | 2.300 | 13.5 | 24.1 | 2.2 | 7.6 | 36.4 | 74.3 |
| 280 | 112 | 2.300 | 13.4 | 23.9 | 2.2 | 7.6 | 36.0 | 74.0 |
| 285 | 105 | 2.300 | 13.0 | 23.2 | 2.1 | 7.3 | 34.9 | 72.8 |
| 290 | 103 | 2.300 | 12.8 | 23.0 | 2.1 | 7.3 | 34.5 | 72.4 |
| 295 | 101 | 2.300 | 12.7 | 22.8 | 2.1 | 7.2 | 34.2 | 72.0 |
| 300 | 99 | 2.300 | 12.6 | 22.6 | 2.1 | 7.1 | 33.8 | 71.7 |
| 305 | 97 | 2.300 | 12.5 | 22.3 | 2.1 | 7.0 | 33.4 | 71.3 |
| 310 | 95 | 2.300 | 12.3 | 22.1 | 2.1 | 7.0 | 33.1 | 70.9 |
| 315 | 95 | 2.300 | 12.3 | 22.1 | 2.1 | 7.0 | 33.1 | 70.9 |
| 320 | 93 | 2.300 | 12.2 | 21.9 | 2.0 | 6.9 | 32.7 | 70.5 |
| 325 | 95 | 2.300 | 12.3 | 22.1 | 2.1 | 7.0 | 33.1 | 70.9 |
| 330 | 98 | 2.300 | 12.5 | 22.5 | 2.1 | 7.1 | 33.6 | 71.5 |
| 335 | 102 | 2.300 | 12.8 | 22.9 | 2.1 | 7.2 | 34.4 | 72.2 |
| 340 | 102 | 2.300 | 12.8 | 22.9 | 2.1 | 7.2 | 34.4 | 72.2 |
| 345 | 106 | 2.300 | 13.0 | 23.3 | 2.1 | 7.4 | 35.0 | 72.9 |
| 350 | 105 | 2.300 | 13.0 | 23.2 | 2.1 | 7.3 | 34.9 | 72.8 |
| 355 | 107 | 2.300 | 13.1 | 23.4 | 2.1 | 7.4 | 35.2 | 73.1 |