

V-Soft Communications Population Report

WCBI-D (35) Columbus, MS - BLCDT20020822ABO  
TV Incoming Interference Study  
Signal Resolution: 2 km  
Consider NTSC Taboo: Yes  
KWX error points are considered to  
be interference free coverage.  
# of radials computed for contours: 36  
Contours calculated using 8 radial HAAT.  
LR Profile Spacing Increment: 1.0 km  
Interference considered within the  
reference station's noise limited contour.  
Using NTSC lptv/translators D/U rules.  
Threshold for reception: 40.771

Study Date: 2/2/2004  
TV Database Date: 01-27-04

Population Database: 2000 US Census (SF1)

Percentages calculated using a baseline population of 666,133.

Stations considered which do not cause interference:

W34BJ (34+)

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Call Letters            City                            State    Dist    Bear  
W34BJ (34+)            Bruce                            MS       53.3    304.3  
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Totals for WCBI-D (35)

Calculation Area Population:            669,369 ( 37899.0 sq. km  
)  
Not Affected by Terrain Loss:            666,133 ( 37558.1 sq. km  
)  
Total NTSC Interference:                            0 ( 0.0 sq. km  
)  
DTV Only Interference:                            0 ( 0.0 sq. km  
)  
Total DTV Interference:                            0 ( 0.0 sq. km  
)  
Interfered Population:                            0 ( 0.0 sq. km  
)  
Interference Free:                            666,133 ( 37558.1 sq. km  
)  
  
Percent Interference:                            0.00

Terrain Blocked Population:	3,236	(	341.0 sq. km)
Contour Area Population:	669,314		