

WSIU Translator Coverage

**Greg Best Consulting, Inc.**

**WSIU xltr**

Latitude: 37-42-29 N  
Longitude: 089-14-05 W  
ERP: 15.00 kW  
Channel: 40  
Frequency: 629.0 MHz  
AMSL Height: 231.1 m  
Elevation: 148.1 m  
Horiz. Pattern: Omni  
Vert. Pattern: Yes  
Elec Tilt: 0.0  
Prop Model: Longley/Rice  
Climate: Cont temperate  
Conductivity: 0.0050  
Dielec Const: 15.0  
Refractivity: 311.0  
Receiver Ht AG: 10.0 m  
Receiver Gain: 0 dB  
Time Variability: 90.0%  
Sit. Variability: 50.0%  
ITM Mode: Broadcast

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**WSIU-TV-D**  
 BLEDT20090612ADB  
 Latitude: 38-06-11 N  
 Longitude: 089-14-40 W  
 ERP: 53.00 kW  
 Channel: 8  
 Frequency: 183.0 MHz  
 AMSL Height: 410.5 m  
 Elevation: 148.1 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: Yes  
 Elec Tilt: 0.5

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