

# KMGO (Licensed) - Longley-Rice

Munn-Reese.com

## KMGO

BLH20141203ABM  
Latitude: 40-47-30.96 N  
Longitude: 092-52-38.99 W  
ERP: 100.00 kW  
Channel: 254  
Frequency: 98.7 MHz  
AMSL Height: 423.0 m  
Elevation: 287.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: Longley-Rice  
Climate: Cont temperate  
Conductivity: 0.0050  
Dielec Const: 15.0  
Refractivity: 311.0  
Receiver Ht AG: 9.1 m  
Receiver Gain: 0 dB  
Time Variability: 50.0%  
Sit. Variability: 50.0%  
ITM Mode: Broadcast

- KMGO (254)
- KMGO.C (254)
- KMGO.STA (254)

Ames  
Des Moines

FCC F(50-50) 60.00 dBu (FCC HAAT)

FCC F(50-50) 54.00 dBu (FCC HAAT)

## Longley Rice Population Counts

Field strength above 60.0 dBuV/m  
Total Population: 138,855

Field strength above 54.0 dBuV/m  
Total Population: 201,917

## FCC Curves Population Counts

Contour: FCC F(50-50) 60.00 dBu  
Total Population: 93,756

Contour: FCC F(50-50) 54.00 dBu  
Total Population: 158,031

- > 100.0 dBuV/m
- 60.0 - 100.0
- 54.0 - 60.0

Scale 1:1,500,000

