

Iglesia Pentecostal Cristo Misionera

Identification of Facilities

Lorain, OH

CALL FORMAT LATITUDE	ST LONGITUDE	CITY ARN	FREQ OWNER HAAT:m AMSL:m	CHN	CL	ERP	STAT
Proposed			100.10000			LP100 100.00	APP
Unknown or New CP							
41-27-10.1 N	82-09-59.5 W	31.926	222.000				
WSWR	OH	SHELBY	100.10000		A	3000.00	LIC
Unknown or New CP		BMLH-19990826KA	IHM LICENSES, LLC				
40-56-42.2 N	82-39-41.6 W	39.243	414.000				
W262DM	OH	ELYRIA	100.30000		D	25.00	LIC
Unknown or New CP		0000160692	ELYRIA-LORAIN BROADCASTING CO.				
41-16-10.2 N	82-00-15.5 W	165.183	455.000				
WNIR	OH	KENT	100.10000		A	4200.00	LIC
Unknown or New CP		BLH-20000118ABB	MEDIA-COM, INC.				
41-06-28.2 N	81-21-18.4 W	75.677	456.000				
WKKO	OH	TOLEDO	99.90000		B	50000.00	LIC
Unknown or New CP		BLH-20031224AAU	CUMULUS LICENSING LLC				
41-40-05.2 N	83-27-10.8 W	131.192	333.300				
WNIC	MI	DEARBORN	100.30000		B	32000.00	LIC
Unknown or New CP		BLH-19850719KR	IHM LICENSES, LLC				
42-23-22.1 N	83-08-52.7 W	156.386	374.000				
WCSB	OH	CLEVELAND	89.30000		A	630.00	LIC
Unknown or New CP		BMLD-20040217ACV	CLEVELAND STATE UNIVERSITY				
41-30-12.2 N	81-40-29.5 W	63.131	314.000				

Terrain Data is calculated using USGS 3 ARC second Data.

The map displays the Lorain, Ohio area with various radio frequency interference contours. The following table summarizes the stations and their associated data:

Station	Distance (km)	Frequency (MHz)	Location
WNIC	97	100.3	Dearborn, MI
WSWR	67	100.1	Shelby, OH
WKKO	97	99.9	Toledo, OH
WNIR	67	100.1	Kent, OH
W262DM	21	100.3	Elyria, OH

The map also shows various locations and landmarks, including:

- Avon Lake
- Bay Village
- Westlake
- North Olmsted
- Olmsted Falls
- West View
- Columbia Station
- Beebe
- Hardscrabble
- Valley City S
- Belden
- Lagrange
- Pittsfield
- Camden
- Wakeman
- Collins
- East Townsend
- Berlinville
- Berlin Heights
- Berlin Heights Sta
- Ceylon
- Heidelberg Beach
- Mitiwanga
- Beulah Beach
- Volunteer Bay
- Orchard Beach
- Bluebird Beach
- Vermilion
- Elberta Beach
- Sunnyside
- Brownhelm Station
- Brownhelm
- Amherst
- Kendeigh Corner
- South Amherst
- W262DM
- Henrietta
- Birmingham
- Florence
- Rock
- Shelby
- Penfield Junction
- South Lorain
- Sheffield Lake
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 State Borders
  City Borders
  Lat/Lon Grid

Figure 2

Iglesia Pentecostal Cristo Misionera

Allocation Study

Lorain, OH

10/23/23, 4:52 PM

Antenna Height Above Average Terrain (HAAT) Calculator | Federal Communications Commission

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **41° 27' 10.1" North**

Longitude **82° 9' 59.5" West** (NAD 83)

Height of antenna radiation center above mean sea level: **222 meters AMSL**

Number of Evenly Spaced Radials = **8** 0° is referenced to True North

Results

Calculated HAAT = **30 meters**

Antenna Height Above Average Terrain calculated
using 1 km [GLOBE terrain data](#)

Individual "Radial HAAT" Values, in meters

0°	48.0 m
45°	47.1 m
90°	32.6 m
135°	15.0 m
180°	-8.4 m
225°	13.2 m
270°	47.9 m
315°	48.0 m

[Print Results?](#)

[New Calculation?](#)