

## Antenna Height Above Average Terrain Calculations -- Results

### Input Data

Latitude **42° 16' 33" North**

Longitude **83° 41' 7" West** (NAD 83)

Height of antenna radiation center above mean sea level: **279.7** meters AMSL

Number of Evenly Spaced Radials = **12**      0° is referenced to True North

### Results

Calculated HAAT = **23 meters**

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

### Individual "Radial HAAT" Values, in meters

0°	-5.3 m
30°	7.6 m
60°	26.7 m
90°	49.5 m
120°	56.9 m
150°	49.5 m
180°	29.6 m
210°	29.6 m
240°	1.9 m
270°	10.6 m
300°	18.5 m
330°	-4.2 m

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[New Calculation?](#)