

## Antenna Height Above Average Terrain Calculations -- Results

### Input Data

Latitude **38° 35' 44"** North

Longitude **121° 29' 14"** West (NAD 27)

These coordinates convert to NAD 83 coordinates of  
38° 35' 43.66", North, 121° 29' 17.84" West (NAD 83).

Height of antenna radiation center above mean sea level: **53.6** meters AMSL

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

### Results

Calculated HAAT = **43 meters**

Antenna Height Above Average Terrain calculated  
using FCC 30 second terrain database (continental USA only)

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

0°	43.6 m
45°	34.0 m
90°	32.9 m
135°	42.9 m
180°	45.0 m
225°	53.6 m
270°	51.2 m
315°	43.6 m

Print Results?

New Calculation?