

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **43° 15' 59"** North

Longitude **77° 44' 51"** West (NAD 27)

These coordinates convert to NAD 83 coordinates of
43° 15' 59.22", North, 77° 44' 50.03" West (NAD 83).

Height of antenna radiation center above mean sea level: **110 meters** AMSL

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

Results

Calculated HAAT = **4 meters**

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

Individual "Radial HAAT" Values, in meters

0°	36.1 m
30°	38.1 m
60°	38.5 m
90°	29.1 m
120°	-2.2 m
150°	-31.7 m
180°	-46.3 m
210°	-49.6 m
240°	-24.1 m
270°	10.4 m
300°	20.4 m
330°	32.0 m

Print Results?

New Calculation?