

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **47° 51' 52"** North

Longitude **120° 2' 20"** West (NAD 27)

These coordinates convert to NAD 83 coordinates of

47° 51' 51.49", North, 120° 02' 24.26" West (NAD 83).

Height of antenna radiation center above mean sea level: **654** meters AMSL

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

Results

Calculated HAAT = **2 meters**

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

Individual "Radial HAAT" Values, in meters

0°	-398.9 m
30°	-119.0 m
60°	169.8 m
90°	-13.3 m
120°	-3.3 m
150°	75.6 m
180°	-18.7 m
210°	156.9 m
240°	16.7 m
270°	131.1 m
300°	214.2 m
330°	-192.4 m

Print Results?

New Calculation?