

## Antenna Height Above Average Terrain Summary

### Input Data

Latitude **34° 27' 58" North**

Longitude **119° 40' 37" West** (NAD 27)

Height of antenna radiation center above mean sea level: **668** meters AMSL

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

### Results

Antenna Height Above Average Terrain (HAAT) calculated  
using the GLOBE 1-km Base Elevation Database

**HAAT = 251 meters**

Directions in which part of the 3 to 16 km radial extends over a large body of water:

**135°, 180° and 225°**

### Individual "Radial HAAT" Values (meters)

0°	-25.6 m
45°	-69.0 m
90°	-207.4 m
135°	589.3 m*
180°	612.7 m*
225°	586.8 m*
270°	469.3 m
315°	51.9 m

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\* Only that part of the radial that extends from 3 km to the outermost portion of land was used per 73.313(d)(2).