Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **35° 29' 11.8"** North
Longitude **118° 53' 19.9"** West (NAD 27)

These coordinates convert to NAD 83 coordinates of
35° 29' 11.64", North, 118° 53' 23.24" West (NAD 83).

Height of antenna radiation center above mean sea level: **504** meters AMSL

Number of Evenly Spaced Radials = **36** 0° is referenced to True North

Results

Calculated HAAT = **131 meters**

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

Individual "Radial HAAT" Values, in meters

0°	119.8 m
10°	77.8 m
20°	-19.1 m
30°	-82.6 m
40°	-127.7 m
50°	-155.1 m
60°	-133.4 m
70°	-265.8 m
80°	-196.9 m
90°	-110.0 m
100°	-95.8 m
110°	-130.0 m
120°	75.4 m
130°	169.3 m
140°	234.8 m
150°	234.0 m
160°	257.1 m
170°	286.1 m
180°	301.8 m
190°	309.4 m
200°	305.4 m
210°	311.1 m
220°	329.0 m
230°	327.0 m
240°	311.2 m
250°	283.6 m
260°	243.1 m
270°	215.3 m
280°	200.4 m
290°	222.2 m
300°	246.5 m
310°	237.2 m
320°	206.8 m
330°	198.0 m
340°	171.1 m
350°	153.2 m