

Input Data

Latitude **40° 42' 35.5"** North
Longitude **73° 25' 43.1"** West (NAD 83)

These coordinates convert to NAD 27 coordinates of
40° 42' 35.14", North, 73° 25' 44.66" West (NAD 27).

Height of antenna radiation center above mean sea level: **59** meters AMSL

Number of Evenly Spaced Radials = **72** 0° is referenced to True North

Results

Calculated HAAT = **40 meters**

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

Individual "Radial HAAT" Values, in meters

0°	2.9 m	120°	56.5 m	240°	55.7 m
5°	14.8 m	125°	56.8 m	245°	55.2 m
10°	18.6 m	130°	57.1 m	250°	53.3 m
15°	15.3 m	135°	56.9 m	255°	49.3 m
20°	15.0 m	140°	57.1 m	260°	49.0 m
25°	6.8 m	145°	57.3 m	265°	48.9 m
30°	6.8 m	150°	57.6 m	270°	47.1 m
35°	12.2 m	155°	57.7 m	275°	40.9 m
40°	20.0 m	160°	57.8 m	280°	38.9 m
45°	29.7 m	165°	57.9 m	285°	34.2 m
50°	36.7 m	170°	58.0 m	290°	31.5 m
55°	40.7 m	175°	58.0 m	295°	27.8 m
60°	43.7 m	180°	58.1 m	300°	24.2 m
65°	46.5 m	185°	58.0 m	305°	20.8 m
70°	48.5 m	190°	57.5 m	310°	15.8 m
75°	49.0 m	195°	57.2 m	315°	13.8 m
80°	49.0 m	200°	57.1 m	320°	12.3 m
85°	50.3 m	205°	56.9 m	325°	11.6 m
90°	51.1 m	210°	56.7 m	330°	10.3 m
95°	53.4 m	215°	56.7 m	335°	7.3 m
100°	55.0 m	220°	57.0 m	340°	2.5 m
105°	55.8 m	225°	56.3 m	345°	2.0 m
110°	56.0 m	230°	55.3 m	350°	1.7 m
115°	56.5 m	235°	55.5 m	355°	1.1 m

Print Results?