

WKNL(FM).aux - HAAT Calculation (Globe Terrain Database)



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Audio Division

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Antenna Height Above Average Terrain (HAAT) / Contour Calculations

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Antenna Height Above Average Terrain Calculations -- Input

Latitude **41 26 27.0 North**
Longitude **72 8 29.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **152.0** meters

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

Results:

Calculated HAAT= 84. meters

(Antenna Height Above Average Terrain)
using 1 km GLOBE terrain data)

Antenna Radiation Center Heights Above Individual Radials:

0.0°	60.7 meters
45.0°	100.9 meters
90.0°	108.0 meters
135.0°	127.1 meters
180.0°	116.9 meters
225.0°	85.8 meters
270.0°	58.1 meters
315.0°	14.2 meters

New Antenna Height Above Average Terrain (HAAT) calculation?

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