

# Middlebury, VT - W237BF (STA)

## HAAT and Miscellaneous Coordinate Information

### HAAT Calculation (1927):

N. Lat. = 435957    W. Lng. = 730936  
 HAAT and Distance to Contour,  
 FCC, FM 2-10 Mi, 51 pts Method - NED 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	125.9	-14.9	0.0030	-25.23	1.000	2.38
030	197.7	-86.7	0.0030	-25.23	1.000	2.38
060	384.2	-273.2	0.0030	-25.23	1.000	2.38
090	418.0	-307.0	0.0030	-25.23	1.000	2.38
120	381.1	-270.1	0.0030	-25.23	1.000	2.38
150	159.8	-48.8	0.0030	-25.23	1.000	2.38
180	112.2	-1.2	0.0030	-25.23	1.000	2.38
210	121.2	-10.2	0.0030	-25.23	1.000	2.38
240	86.0	25.0	0.0030	-25.23	1.000	2.38
270	79.2	31.8	0.0030	-25.23	1.000	2.44
300	102.9	8.1	0.0030	-25.23	1.000	2.38
330	86.6	24.4	0.0030	-25.23	1.000	2.38

Ave El= 187.89 M    HAAT= -76.89 M    AMSL= 111 M

### NAD 1983 to NAD 1927 Conversion:

	<u>Latitude</u>	<u>Longitude</u>
NAD 27 datum values:	43 59 57.26396	73 09 35.80895
NAD 83 datum values:	43 59 57.47900	73 09 34.23100

### Various Coordinate Conversion Calculations (NAD 1983):

Position Type	Lat Lon
<b>Degrees Lat Long</b>	43.9992997°, -073.1595086°
<b>Degrees Minutes</b>	43°59.95798', -073°09.57052'
<b>Degrees Minutes Seconds</b>	43°59'57.4790", -073°09'34.2310"
<b>UTM</b>	18T 647562mE 4873441mN
<b>UTM centimeter</b>	18T 647562.42mE 4873441.70mN
<b>MGRS</b>	18TXP4756273441
<b>Grid North</b>	1.3°
<b>GARS</b>	214MD22
<b>Maidenhead</b>	FN33KX09UT69
<b>GEOREF</b>	HJBP50425995