

Millsboro, DE - WZBH(FM) STA
HAAT and Miscellaneous Coordinate Information

HAAT Calculation (NAD 1983):

N. Lat. = 383128.8 W. Lng. = 751752.6
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	8.4	147.4	2.5500	4.07	1.000	27.62
045	5.4	150.4	2.5500	4.07	1.000	27.88
090	6.7	149.1	2.5500	4.07	1.000	27.77
135	8.0	147.8	2.5500	4.07	1.000	27.66
180	11.0	144.8	2.5500	4.07	1.000	27.41
225	13.3	142.5	2.5500	4.07	1.000	27.21
270	12.9	142.9	2.5500	4.07	1.000	27.26
315	13.1	142.7	2.5500	4.07	1.000	27.23

Ave El= 9.86 M HAAT= 145.94 M AMSL= 155.8 M

NAD 1983 to NAD 1927 Conversion:

	<u>Latitude</u>	<u>Longitude</u>
NAD 27 datum values:	38 31 28.38990	75 17 53.91208
NAD 83 datum values:	38 31 28.80000	75 17 52.60000

Various Coordinate Conversion Calculations (NAD 1983):

Position Type	Lat Lon
Degrees Lat Long	38.5246667°, -075.2979444°
Degrees Minutes	38°31.48000', -075°17.87667'
Degrees Minutes Seconds	38°31'28.8000", -075°17'52.6000"
UTM	18S 474028mE 4264072mN
UTM centimeter	18S 474028.71mE 4264072.54mN
MGRS	18SVH7402864072
Grid North	-0.2°
GARS	210LT39
Maidenhead	FM28IM45FW90
GEOREF	GJQJ42123148