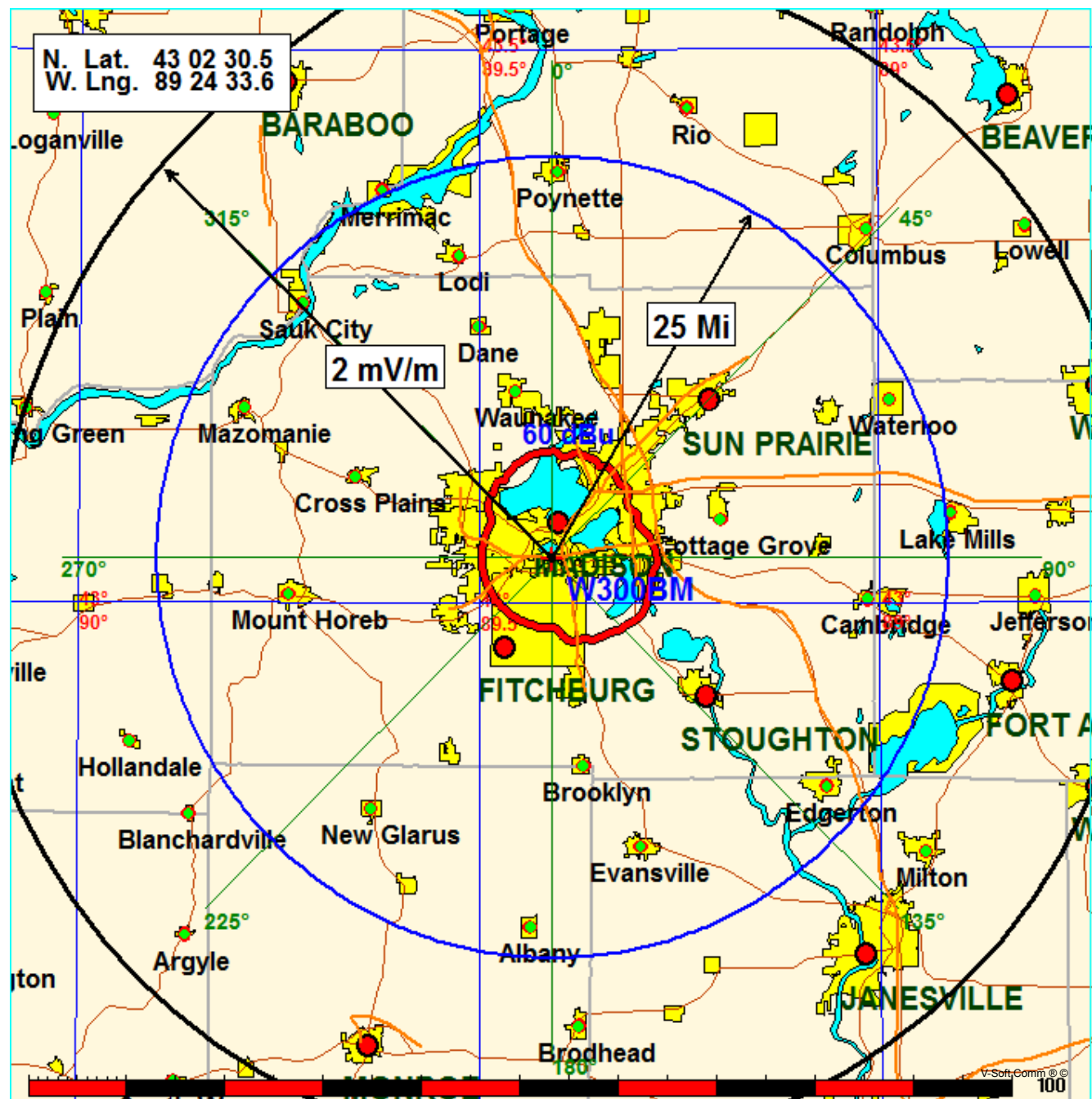


60 dBu Fill-in Map for WHA's FM Translator
Board Of Regents Of The University Of Wisconsin System

Coverage Study - GLOBE 30 Sec
01-23-2016

W300BM CH300 D , 0.25 kW, 43.2m HAAT, 331.1m COR AMSL
Service Contour = 60 dBu. Population = 191,057



MADISON ,WI

Call: WHA

Coordinates: N 43 2 30 W 89 24 31

Frequency: 970 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 2.000
0.0	683.74	59.70
5.0	683.74	59.70
10.0	683.74	59.70
15.0	683.74	59.70
20.0	683.74	59.70
25.0	683.74	59.70
30.0	683.74	59.70
35.0	683.74	59.70
40.0	683.74	59.70
45.0	683.74	59.70
50.0	683.74	59.70
55.0	683.74	59.70
60.0	683.74	59.70
65.0	683.74	59.70
70.0	683.74	59.70
75.0	683.74	59.70
80.0	683.74	59.70
85.0	683.74	59.70
90.0	683.74	59.70
95.0	683.74	59.70
100.0	683.74	59.70
105.0	683.74	59.70
110.0	683.74	59.70
115.0	683.74	59.70
120.0	683.74	59.70
125.0	683.74	59.70
130.0	683.74	59.70
135.0	683.74	59.70
140.0	683.74	59.70
145.0	683.74	59.70
150.0	683.74	59.70
155.0	683.74	59.70
160.0	683.74	59.70
165.0	683.74	59.70
170.0	683.74	59.70
175.0	683.74	59.70
180.0	683.74	59.70
185.0	683.74	59.70
190.0	683.74	59.70
195.0	683.74	59.70
200.0	683.74	59.70
205.0	683.74	59.70
210.0	683.74	59.70
215.0	683.74	59.70
220.0	683.74	59.70
225.0	683.74	59.70
230.0	683.74	59.70
235.0	683.74	59.70
240.0	683.74	59.70
245.0	683.74	59.70
250.0	683.74	59.70
255.0	683.74	59.70
260.0	683.74	58.96
265.0	683.74	57.92
270.0	683.74	57.11
275.0	683.74	56.48
280.0	683.74	56.01
285.0	683.74	55.68
290.0	683.74	55.49
295.0	683.74	55.43
300.0	683.74	55.49
305.0	683.74	55.68
310.0	683.74	55.78
315.0	683.74	55.99
320.0	683.74	56.34
325.0	683.74	56.83
330.0	683.74	57.49
335.0	683.74	58.34
340.0	683.74	59.41

345.0	683.74	59.70
350.0	683.74	59.70
355.0	683.74	59.70

N. Lat. = 430230.5 W. Lng. = 892433.6
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - GLOBE 30 SEC

Proposed w300BM 60 dBU Service Contour and Tables

Azi.	AV EL	HAAT	ERP kw	dBk	Field	60-F5
000	265.3	65.8	0.2500	-6.02	1.000	10.60
030	267.6	63.5	0.2500	-6.02	1.000	10.43
060	279.4	51.7	0.2500	-6.02	1.000	9.44
090	264.1	67.0	0.2500	-6.02	1.000	10.69
120	262.3	68.8	0.2500	-6.02	1.000	10.81
150	279.7	51.4	0.2500	-6.02	1.000	9.41
180	304.3	26.8	0.2500	-6.02	1.000	7.09
210	310.8	20.3	0.2500	-6.02	1.000	7.09
240	304.4	26.7	0.2500	-6.02	1.000	7.09
270	331.5	-0.4	0.2500	-6.02	1.000	7.09
300	304.3	26.8	0.2500	-6.02	1.000	7.09
330	281.1	50.0	0.2500	-6.02	1.000	9.26

Ave EL= 287.90 M HAAT= 43.20 M AMSL= 331.1