

# WBGO 60 dBu Contour and Emergency 60 dBu Contour

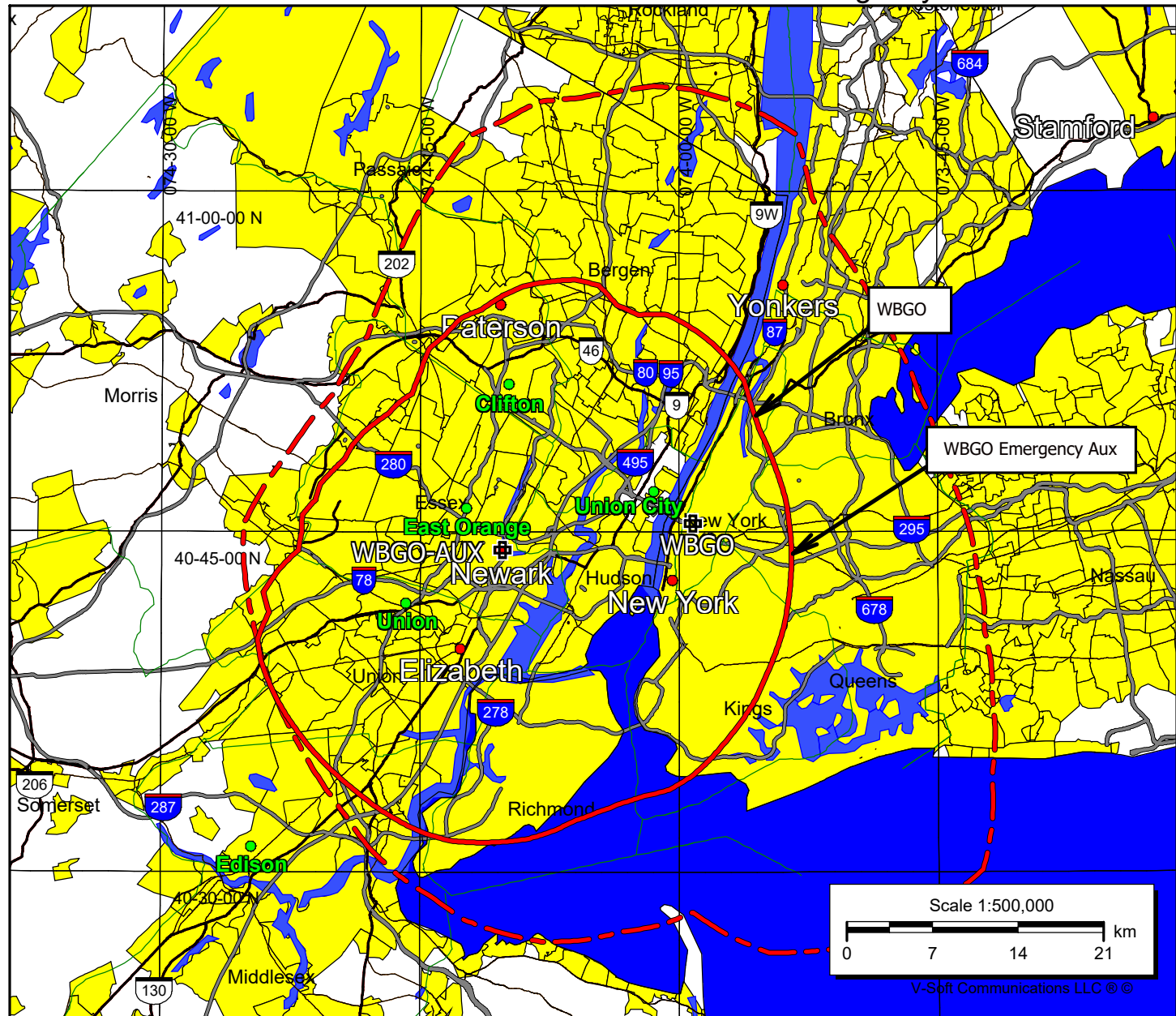
## WBGO-AUX

744 Broad Street, Newary, NJ  
 Latitude: 40-44-12.20 N  
 Longitude: 074-10-15 W  
 ERP: 1.20 kW  
 Channel: 202  
 Frequency: 88.3 MHz  
 AMSL Height: 159.0 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: No

## WBGO

BLED20111213ABV  
 Latitude: 40-45-22.03 N  
 Longitude: 073-59-12 W  
 ERP: 2.50 kW  
 Channel: 202  
 Frequency: 88.3 MHz  
 AMSL Height: 284.0 m  
 Horiz. Pattern: Directional  
 Vert. Pattern: No

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N. Lat. = 40 44 12.2 W. Lng. = 74 10 15  
 HAAT and Distance to Contour,  
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

WBGO Emergency Aux						
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	46.4	112.6	1.2000	0.79	1.000	20.71
010	27.1	131.9	1.2000	0.79	1.000	22.22
020	16.6	142.4	1.2000	0.79	1.000	23.00
030	28.4	130.6	1.2000	0.79	1.000	22.13
040	5.7	153.3	1.2000	0.79	1.000	23.78
050	0.9	158.1	1.2000	0.79	1.000	24.11
060	10.1	148.9	1.2000	0.79	1.000	23.47
070	13.6	145.4	1.2000	0.79	1.000	23.22
080	9.9	149.1	1.2000	0.79	1.000	23.48
090	8.2	150.8	1.2000	0.79	1.000	23.60
100	6.7	152.3	1.2000	0.79	1.000	23.71
110	5.1	153.9	1.2000	0.79	1.000	23.83
120	2.7	156.3	1.2000	0.79	1.000	23.99
130	2.4	156.6	1.2000	0.79	1.000	24.01
140	1.5	157.5	1.2000	0.79	1.000	24.08
150	14.4	144.6	1.2000	0.79	1.000	23.16
160	19.9	139.1	1.2000	0.79	1.000	22.76
170	12.1	146.9	1.2000	0.79	1.000	23.32
180	5.3	153.7	1.2000	0.79	1.000	23.81
190	1.4	157.6	1.2000	0.79	1.000	24.08
200	6.8	152.2	1.2000	0.79	1.000	23.70
210	15.3	143.7	1.2000	0.79	1.000	23.09
220	21.5	137.5	1.2000	0.79	1.000	22.64
230	26.5	132.5	1.2000	0.79	1.000	22.27
240	31.4	127.6	1.2000	0.79	1.000	21.90
250	40.1	118.9	1.2000	0.79	1.000	21.24
260	56.1	102.9	1.2000	0.79	1.000	19.78
270	83.9	75.1	1.2000	0.79	1.000	16.63
280	84.3	74.7	1.2000	0.79	1.000	16.58
290	90.8	68.2	1.2000	0.79	1.000	15.77
300	98.9	60.1	1.2000	0.79	1.000	14.83
310	98.8	60.2	1.2000	0.79	1.000	14.84
320	101.7	57.3	1.2000	0.79	1.000	14.49
330	100.3	58.7	1.2000	0.79	1.000	14.67
340	77.2	81.8	1.2000	0.79	1.000	17.45
350	61.9	97.1	1.2000	0.79	1.000	19.18

Ave El= 34.28 M HAAT= 124.72 M AMSL= 159 M

N. Lat. = 40 45 22.40 W. Lng. = 73 59 10.50  
 HAAT and Distance to Contour,  
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

WBG0, Newark Public Radio, Inc., BLED20111213ABV

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	34.2	249.8	2.5000	3.98	1.000	35.39
010	48.6	235.4	2.2992	3.62	0.959	33.81
020	12.5	271.5	0.8208	-0.86	0.573	28.39
030	24.0	260.0	0.5267	-2.78	0.459	25.11
040	17.7	266.3	0.3497	-4.56	0.374	23.08
050	9.2	274.8	0.2723	-5.65	0.330	22.07
060	2.4	281.6	0.2220	-6.54	0.298	21.27
070	2.9	281.1	0.2161	-6.65	0.294	21.11
080	10.1	273.9	0.2403	-6.19	0.310	21.39
090	11.5	272.5	0.2976	-5.26	0.345	22.45
100	15.4	268.6	0.3744	-4.27	0.387	23.54
110	22.5	261.5	0.5382	-2.69	0.464	25.30
120	21.2	262.8	0.8526	-0.69	0.584	28.20
130	14.0	270.0	1.3506	1.31	0.735	31.84
140	10.2	273.8	2.5000	3.98	1.000	36.84
150	9.4	274.6	2.5000	3.98	1.000	36.89
160	10.9	273.1	2.5000	3.98	1.000	36.80
170	11.7	272.3	2.1391	3.30	0.925	35.55
180	14.4	269.6	1.3359	1.26	0.731	31.73
190	9.7	274.3	1.6851	2.27	0.821	33.81
200	0.8	283.2	2.1669	3.36	0.931	36.27
210	2.1	281.9	2.5000	3.98	1.000	37.31
220	0.1	283.9	2.5000	3.98	1.000	37.43
230	7.0	277.0	2.5000	3.98	1.000	37.03
240	9.8	274.2	2.5000	3.98	1.000	36.87
250	9.4	274.6	2.5000	3.98	1.000	36.89
260	10.8	273.2	2.5000	3.98	1.000	36.80
270	13.4	270.6	2.5000	3.98	1.000	36.65
280	17.6	266.4	1.7223	2.36	0.830	33.51
290	17.8	266.2	1.2709	1.04	0.713	31.16
300	13.9	270.1	1.1458	0.59	0.677	30.62
310	13.8	270.2	1.3579	1.33	0.737	31.89
320	16.1	267.9	1.8490	2.67	0.860	34.15
330	15.8	268.2	2.5000	3.98	1.000	36.51
340	14.0	270.0	2.5000	3.98	1.000	36.62
350	27.8	256.2	2.5000	3.98	1.000	35.79

Ave El= 13.97 M HAAT= 270.03 M AMSL= 284 M