



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CUMULUS LICENSING LLC
3280 PEACHTREE ROAD, NW
SUITE 2200
ATLANTA GA 30305

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 11652

Call Sign: WYMB

License File Number: BL-19930629AC

Grant Date: August 31, 1994

This license expires 3:00 a.m.
local time, December 01, 2019.

This request (BS-20190227ABJ) reissues original license to update MP descriptions only. (JBS 6-20-2019)

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:30 PM	Jul.	5:15 AM	7:30 PM
Feb.	7:00 AM	6:00 PM	Aug.	5:45 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:45 AM	6:45 PM	Oct.	6:30 AM	5:45 PM
May	5:15 AM	7:15 PM	Nov.	7:00 AM	5:15 PM
Jun.	5:15 AM	7:30 PM	Dec.	7:15 AM	5:15 PM

Name of Licensee: CUMULUS LICENSING LLC

Station Location: MANNING, SC

Frequency (kHz): 920

Station Class: B

Antenna Coordinates:

Day

Latitude: N 33 Deg 41 Min 24 Sec

Longitude: W 80 Deg 16 Min 23 Sec

Night

Latitude: N 33 Deg 41 Min 24 Sec

Longitude: W 80 Deg 16 Min 23 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 2.3 Night: 1.0

Antenna Input Power (kW): Day: 2.3 Night: 1.08

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 6.94 Night: 4.65

Resistance (ohms): Day: 47.8 Night: 50

Non-Directional Antenna: Day

Radiator Height: 81.6 meters; 90 deg

Theoretical Efficiency: 307 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1064505	

Night:

Tower No.	ASRN	Overall Height (m)
1	1064503	
2	1064504	
3	1064505	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 334.63
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 351.6
 Q Factor: Night: 12.808

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	90.0
2	1.4300	-143.000	90.0000	109.000	0	90.0
3	0.9000	73.500	180.0000	109.000	0	90.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	196.5	20.0	36.00

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	142.5	0.745
2	0	1
3	-145	0.595

Antenna Monitor: POTOMAC INSTRUMENTS MODEL AM-19

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
21.5	2.48	8.9
196.5	3.4	6.8
295	1.9	9.6
319	2.12	10.9

Special operating conditions or restrictions:

1 Nighttime Monitor Point Descriptions:

21.5° - From the intersection of unpaved Fawn Ridge Road and Highway 261, proceed left onto Highway 261 and west for 0.1 miles to the point located on the north shoulder of the road. This is point #10 on radial, 2.48 km from the array center, with a maximum of 8.9 mV/m.
NAD 27 (33° 42' 39.3" N, 80° 15' 47.3" W)

196.5° - From the intersection of Highway 301 and Hamilton Road (S14-101), proceed right onto Hamilton Road northwest for 1 mile to point, located on north shoulder of the road, 0.25 miles from Cummings Road just over the 195 overpass; this is point #19 on radial, 3.40 km from the array center, with a maximum of 6.8 mV/m.
NAD 27 (33° 39' 38.4" N, 80° 17' 0.4" W)

259° - From the transmitter drive, turn right onto Silver Road (S14-79) and proceed west for 1 mile to point, just past curve in road that intersects Winter Hills Road, located directly north of 1 mile mark, 50 feet into adjacent field on north shoulder of road, this is point #14 on radial, 1.9 km from the array center, with a maximum of 9.6 mV/m.
NAD 27 (33° 41' 12.3" N, 80° 15' 35.8" W)

319° - From the transmitter drive, turn right onto Silver Road (S14-79) and proceed west for 0.9 miles to intersection with paved Winters Hill Road (S14-392) on right. Proceed right onto Winter Hills Road and then northeast for 1.2 miles to point on southeast shoulder of road, this is point #8 on radial, 2.12 km from the array center, with a maximum of 10.9 mV/m.
NAD 27 (33° 42' 15.6" N, 80° 17' 16.8" W)

- 2 Ground system consists of 120 equally spaced, buried, copper radials, each 81.5 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 7.3 meters square, about the base of each tower.

*** END OF AUTHORIZATION ***