

Federal Communications Commission

FM STATION LICENSE

Permittee

ISOTHERMAL COMMUNITY
COLLEGE
PO Box 804
(286 ICC LOOP ROAD)
SPINDALE, NC, 28160

Call Sign

WNCW

Facility ID

29262

File Number 0000143612	This License Covers Construction Permit No. BPED-20180208ABS	
Filing Date 04/16/2021	Grant Date 05/20/2021	Expiration Date 12/01/2027

Community of License City: SPINDALE State: NC	Frequency (MHz) 88.7	Station Channel 204	Station Class C
Hours of Operation: Unlimited			
Facility Type: Noncommercial Educational			

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power 13.5 kW
Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 35-44-6.4 N Longitude 82-17-10.4 W
Antenna Description ERI,1192-2CP-DA,1.0	
Major Lobe Directions Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective Radiated Power in the Horizontal Plane (kW)	17	17
Height of Radiation Center Above Ground (meters)	31	31
Height of Radiation Center Above Mean Sea Level (meters)	2022	2022
Height of Radiation Center Above Average Terrain (meters)	926	926

Antenna Structure Registration Number Not Required	Overall Height of Antenna Structure Above Ground (meters) 50
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Obstruction Marking and Lighting Specifications for Antenna Structure

It is expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303 (q) of the Communications Act of 1934, as amended.

Special Operating Conditions or Restrictions

The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BPED-20180208ABS. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 17.0 kilowatts(H&V). Principal minima and their associated field strength limits: 130 degrees True: 0.900 kilowatts 350 degrees True: 0.710 kilowatts
- Further modification of WCQS(FM), Facility ID No. 71923, Asheville, NC will not be construed as a per se modification of WNCW's Licensed facility. (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991)).
- Grant of this license application is conditioned upon the continuous operation of the licensed facility for the twelve-month period following grant, including specifically: (a) operation of the station in accordance with the station's FCC authorization with (i) an antenna mounted on a pole, tower, or other structure that is attached to a durable, non-movable structure, (ii) the antenna connected to a permanent power source, and (iii) if located on public property, advance approval by a written governmental authorization; and (b) operation of the station each day in accordance with the FCC's rules for minimum operating schedule (47 C.F.R. § 73.1740(a) for FM stations, 47 C.F.R. § 73.561(a) for NCE-FM stations and 47 C.F.R. § 73.850(b) for LPFM stations) without recourse to the procedures set out in 47 C.F.R. §§ 73.1740(a)(4), 73.561(d), and 73.850(d). The failure of the station to operate in compliance with any of the foregoing requirements will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts the resulting presumption that the authorized facilities were temporarily constructed. Evidence of non-temporary construction could include, but is not limited to, station logs, utility bills, lease documents, photographs of the installed antenna/transmitter/studio equipment, and other relevant documentation.

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.

