



United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO BROADCASTING SERVICES, INCORPORATED  
288 SOUTH RIVER ROAD  
BEDFORD NH 03110

Nazifa\_Sawez  
Assistant Chief  
Audio Division  
Media Bureau

Grant Date: January 31, 2017

Facility Id: 53612

Call Sign: WFAD

This license expires 3:00 a.m.  
local time, April 01, 2022.

License File Number: BZ-20161128AGG

This authorization is re-issued to reflect the Antenna Registration Number.

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	4:45 PM	Jul.	4:15 AM	7:30 PM
Feb.	7:00 AM	5:15 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:15 PM	Nov.	6:45 AM	4:30 PM
Jun	4:15 AM	7:30 PM	Dec	7:15 AM	4:15 PM

Name of Licensee: RADIO BROADCASTING SERVICES, INCORPORATED

Station Location: MIDDLEBURY, VT

Frequency (kHz): 1490

Station Class: C

Antenna Coordinates:

Day

Latitude: N 43 Deg 59 Min 57 Sec

Longitude: W 73 Deg 09 Min 35 Sec

Night

Latitude: N 43 Deg 59 Min 57 Sec

Longitude: W 73 Deg 09 Min 35 Sec

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

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

Antenna Input Power (kW): Day: 1.0 Night: 1.0

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 4.38 Night: 4.38

Resistance (ohms): Day: 52.2 Night: 52.2

Non-Directional Antenna: Day

Radiator Height: 50.3 meters; 90 deg

Theoretical Efficiency: 299.34 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 50.3 meters; 90 deg

Theoretical Efficiency: 299.34 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1266747	

Night:

Tower No.	ASRN	Overall Height (m)
1	1266747	

Special operating conditions or restrictions:

- 1 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.
  
- 2 Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate 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 presumption that the authorized facilities were temporarily constructed.
  
- 3 Permittee/Licensee shall accept such interference as may be imposed by other existing 250 watt Class C stations in the event that they are subsequently authorized to increase power to 1000 watts.
  
- 4 Ground system consists of 120 buried copper wire radials 46.7 meters in length plus a 7.4 meters x 7.4 meters ground screen.

\*\*\* END OF AUTHORIZATION \*\*\*