



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

PUBLIC BROADCASTING OF COLORADO, INC.  
BRIDGES BROADCAST CENTER  
7409 SOUTH ALTON COURT  
CENTENNIAL CO 80112

*for* Karen Waseema  
 Nazifa\_Sawez  
 Assistant Chief  
 Audio Division  
 Media Bureau

Facility Id: 54258

Call Sign: KXRE

License File Number: BML-20170119ACB

Grant Date: May 25, 2017

This license expires 3:00 a.m.  
 local time, April 01, 2021.

This license modifies license no.: BL-20010817AAT to change from commercial to non-commercial status.

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

Name of Licensee: PUBLIC BROADCASTING OF COLORADO, INC.

Station Location: MANITOU SPRINGS, CO

Frequency (kHz): 1490

Station Class: C

Antenna Coordinates:

Day

Latitude: N 38 Deg 51 Min 43 Sec

Longitude: W 104 Deg 55 Min 32 Sec

Night

Latitude: N 38 Deg 51 Min 43 Sec

Longitude: W 104 Deg 55 Min 32 Sec

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

Nominal Power (kW): Day: 0.50 Night: 1.0

Antenna Input Power (kW): Day: 0.50 Night: 1.0

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 2.04 Night: 2.89

Resistance (ohms): Day: 120 Night: 120

Non-Directional Antenna: Day

Radiator Height: 50.3 meters; 90 deg

Theoretical Efficiency: 305.78 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 50.3 meters; 90 deg

Theoretical Efficiency: 305.78 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	50.3

Night:

Tower No.	ASRN	
1	None	50.3

## 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 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.
- 3 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.
- 4 Public Broadcasting of Colorado requests waiver of 47. C.F.R. Section 73.1125 to operate the proposed facility as satellite of co-owned noncommercial educational FM station KCFR (FM), Denver, CO, (Facility ID No.: ). Based upon the specific representations contained therein, the waiver request IS GRANTED. Applicant shall abide by each representation proffered in the waiver request.

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