



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WESTERN ILLINOIS UNIVERSITY
1 UNIVERSITY CIRCLE
MACOMB IL 61455

Mary Houser
Supr Applications Examiner
Audio Division
Media Bureau

Facility Id: 71791

Call Sign: WIUM

License File Number: BLED-19900727KC

Grant Date: October 23, 1990

This license expires 3:00 a.m.
local time, December 01, 1996.

This license covers Permit No.:BPED-870608MA
as modified by Permit No.: BMPED-890609IB

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.

Callsign: WIUM

License No.: BLED-19900727KC

Name of Licensee: WESTERN ILLINOIS UNIVERSITY

Station Location: IL-MACOMB

Frequency (MHz): 91.3

Channel: 217

Class: B

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD900727KC

Antenna Coordinates: North Latitude:	40 deg	25 min	40 sec
West Longitude:	90 deg	40 min	58 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	50	50
Height of radiation center above ground (Meters):	139	139
Height of radiation center above mean sea level (Meters):	346	346
Height of radiation center above average terrain (Meters):	141	141

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 158 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be 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.

None Required

Special operating conditions or restrictions:

1 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 THIS CONSTRUCTION
PERMIT.

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A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE RADIATION
PATTERN HEREIN AUTHORIZED CORRESPONDS TO THE FOLLOWING
EFFECTIVE RADIATED POWER:
50 KILOWATTS

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PRINCIPAL MINIMA AND THEIR ASSOCIATED EFFECTIVE RADIATED
POWER LIMITS:
10 DEGREES TRUE: 12.5 KILOWATTS
80 DEGREES TRUE: 7.3 KILOWATTS

*** END OF AUTHORIZATION ***