

Welcome to the:



Noise Exposure Map (NEM) Update

Public Information Meeting

#1 of 2

January 22, 2026

Today's Topics:

- NEM Update Process & History
- NEM Update Methodology
- Existing Conditions
- How to Submit Comments

Airport Noise Compatibility Planning

▶ What is a Noise Exposure Map (NEM) Update?

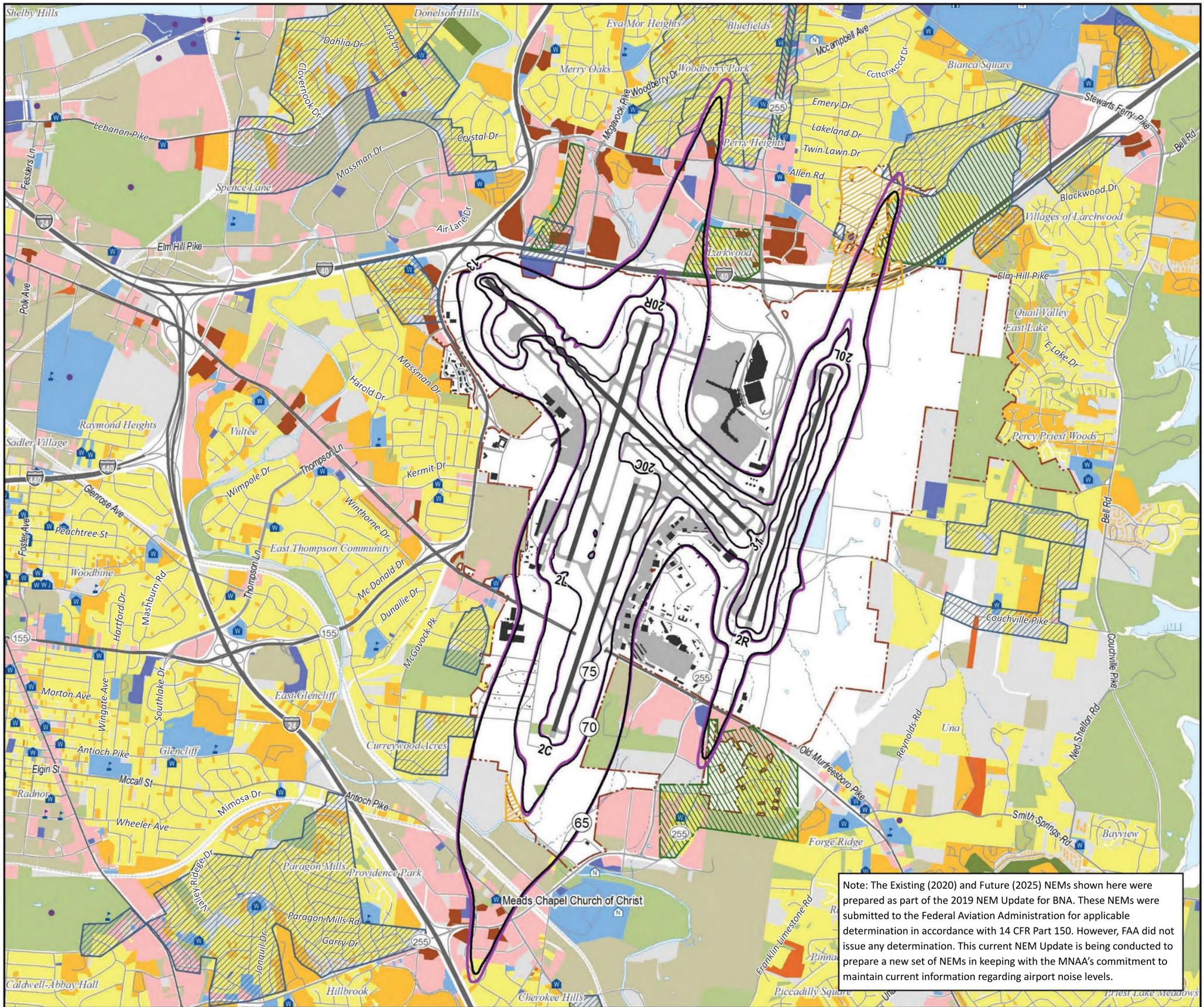
- NEM Updates are studies that identify noise and land use impacts in accordance with FAA guidance.
- The NEM Update process is outlined in the 14 Code of Federal Regulations (CFR) Part 150
- The purpose of a NEM study is to identify where land uses are not compatible with aircraft noise
- NEM Updates follow a federal framework for measuring noise and compatible/non-compatible land use around airports for existing and future (+5 years) conditions

History of Noise Compatibility Planning at BNA®

- ▶ The Metropolitan Nashville Airport Authority (MNA) prepared the first Part 150 Study for Nashville International Airport® (BNA®) in 1988
- ▶ Since 1988, the MNA has consistently updated and submitted to the FAA the NEMs at BNA*
 - 1992 NEM Update
 - 1996 NEM Update
 - 2004 NEM Update
 - 2012 NEM Update
 - 2020 NEM Update (Prepared Existing (2020) and Future (2025) NEMs)
 - Current NEM Update

**The 2020 NEM Update was completed, but not submitted to the FAA*

Previous NEM Update (2020 and 2025)



2020 Existing NEM Contour (65-75 dB DNL)

2025 Future NEM Contour (65-75 dB DNL)

BNA Airport Boundary (Approximate)

Runway

State Boundary

Highway

Major Roads

Transitional Area

Sound Insulation/Residential Property Sales Assistance Program

Acquisition of Residential Uses in Approach Areas

Municipal Boundary

Minor Roads

Railroad

Residential

Multi-Family Residential

Mobile Home Park

Transient Lodging

Public Use (Non-Compatible)

Public Use (Compatible)

Recreational / Open Space / Golf

Commercial Use

Manufacturing and Production

Vacant / Undefined

Water / Stream

School

Library

Nursing Home

Place of Worship

Hospital

National Register of Historic Places



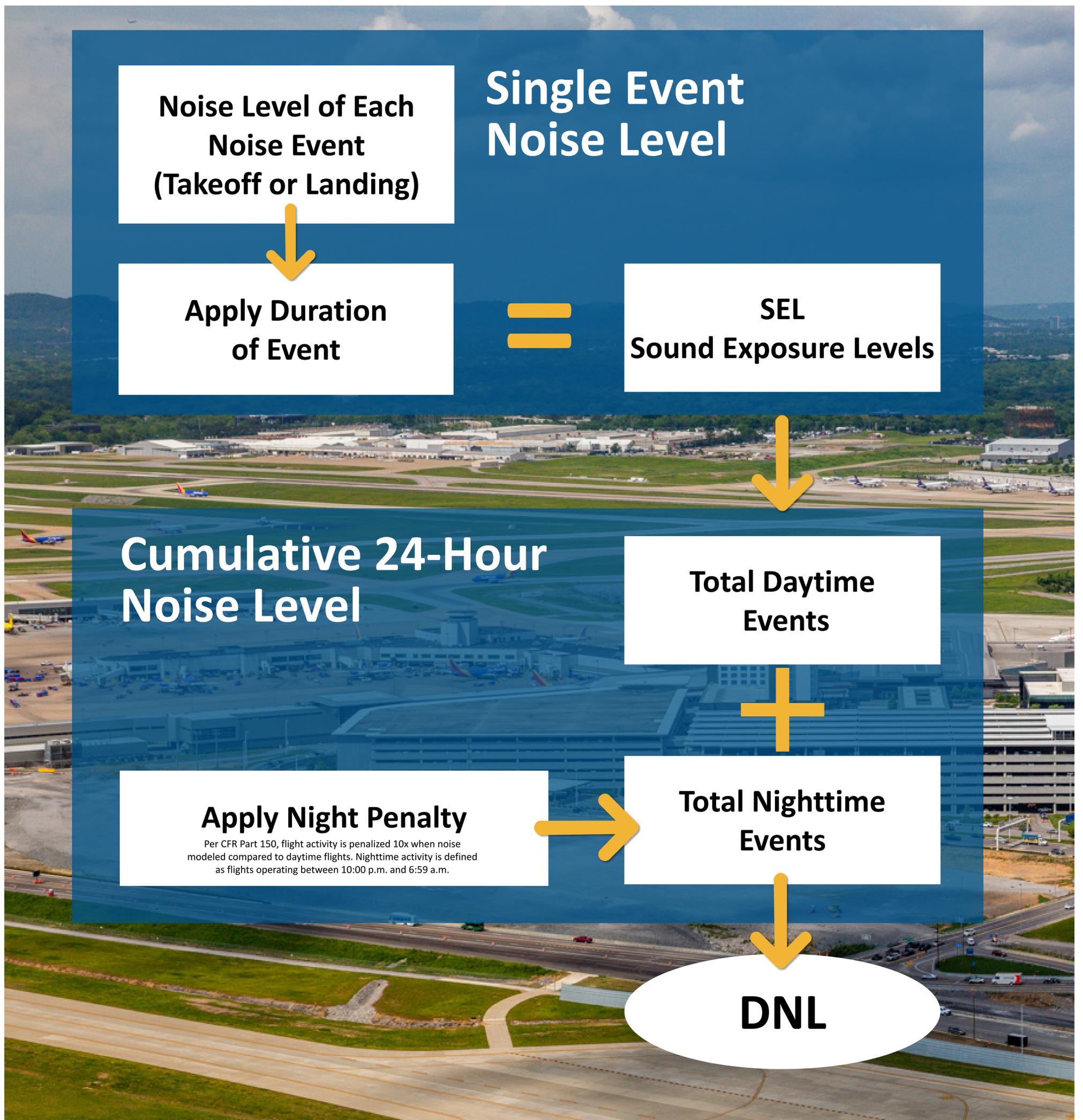
Noise Exposure Map Update Timeline

NEM Update Initiation

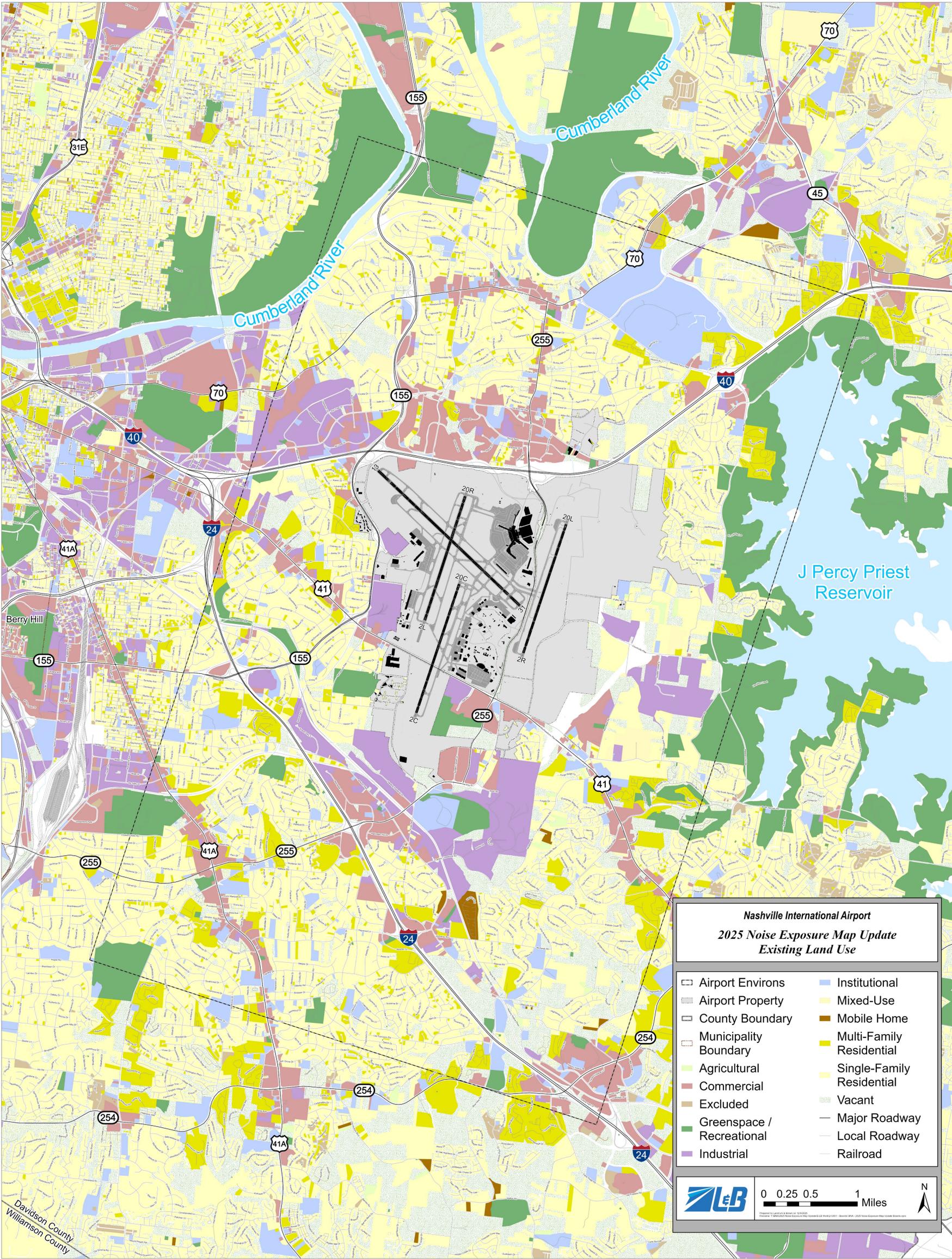


What is DNL?

DNL is the Day – Night Average Sound Level



Existing Land Use (2025)



The map above shows the existing land use classifications surrounding the airport.

NEM Update Next Steps



2026

- Continue Existing and Future Noise Contour Modeling
 - Draft Noise Exposure Map Update Report



Share Findings and Public Comment Period

Community Open House #2

Early 2027



2027

- Prepare Final NEM Update Report with MNAA
 - Submit to FAA and Finalize

Have a Comment or Question?



**NEM
Comment Form**



*Scan me
to submit
comments*

U.S. Mail

Landrum & Brown
Attn: Chris Sandfoss - BNA NEM Update
4445 Lake Forest Drive #700
Cincinnati, OH 45242

Comments are being accepted on the
information presented at this meeting through
February 6, 2026

All comments will be addressed in the draft/final NEM Update Reports

