Population at CLT Grid Analysis Points

Runway

Airport Boundary (Approximate)

Grid Census Population Points
- ○ 0
- 1 - 200
- 201 - 400
- 401 - 600
- 601 - 800
- 801 - 1000
- > 1000

State Boundary   **County Boundary**

Highway   **Minor Roads**

Major Roads   **Railroad**

Charlotte Regions

City Council District Boundaries

County Commission Districts

Water / Stream

Landmark Locations
1 West Mecklenburg High
2 Southwest Middle School
3 Olympic Community High School
4 Quail Hollow Middle School
5 South Park Mall
6 NorthLake Mall
7 UNCC
8 US Whitewater Center
9 Renaissance Park
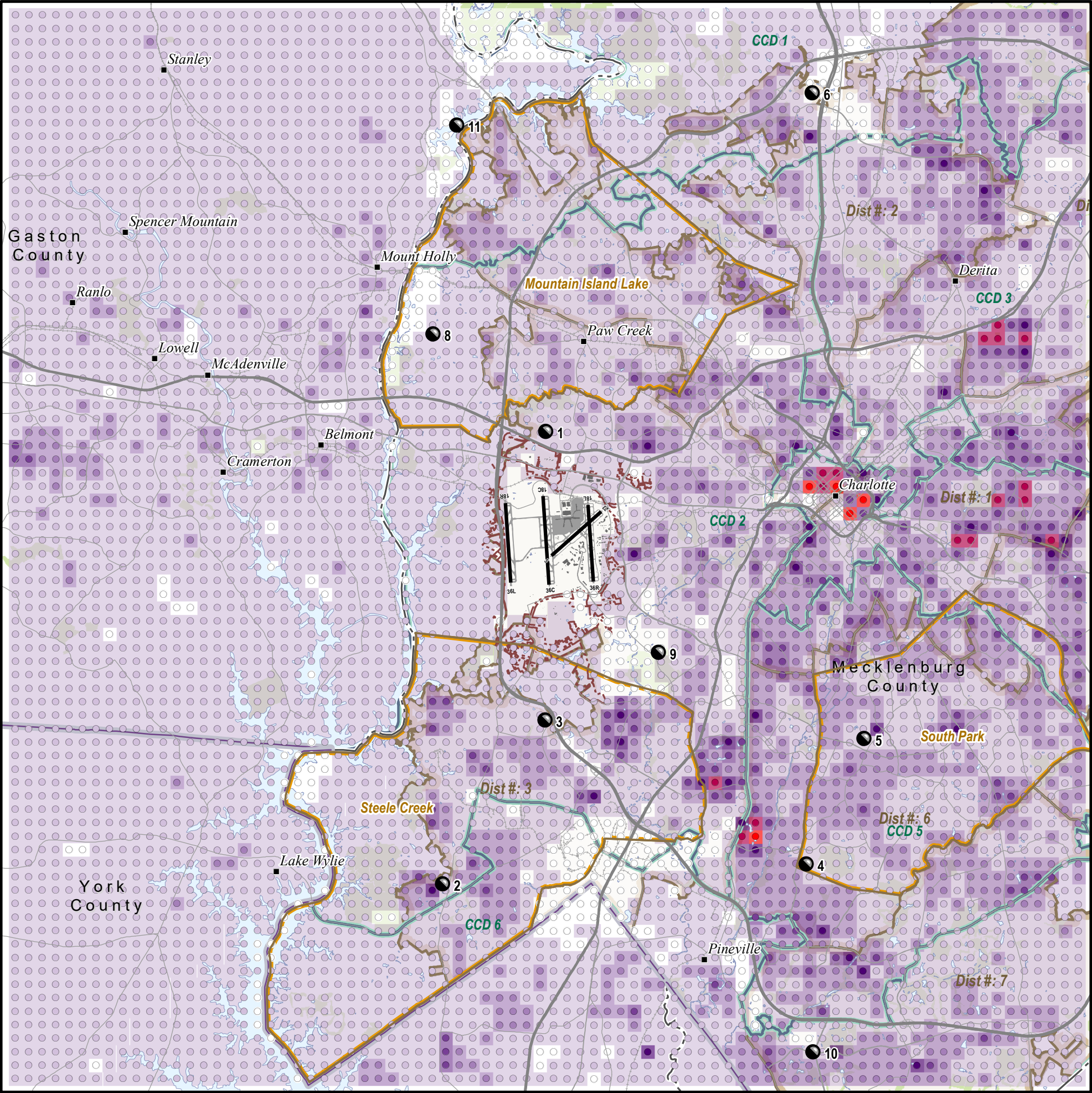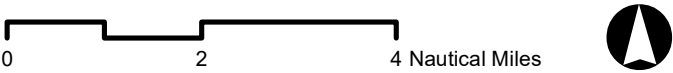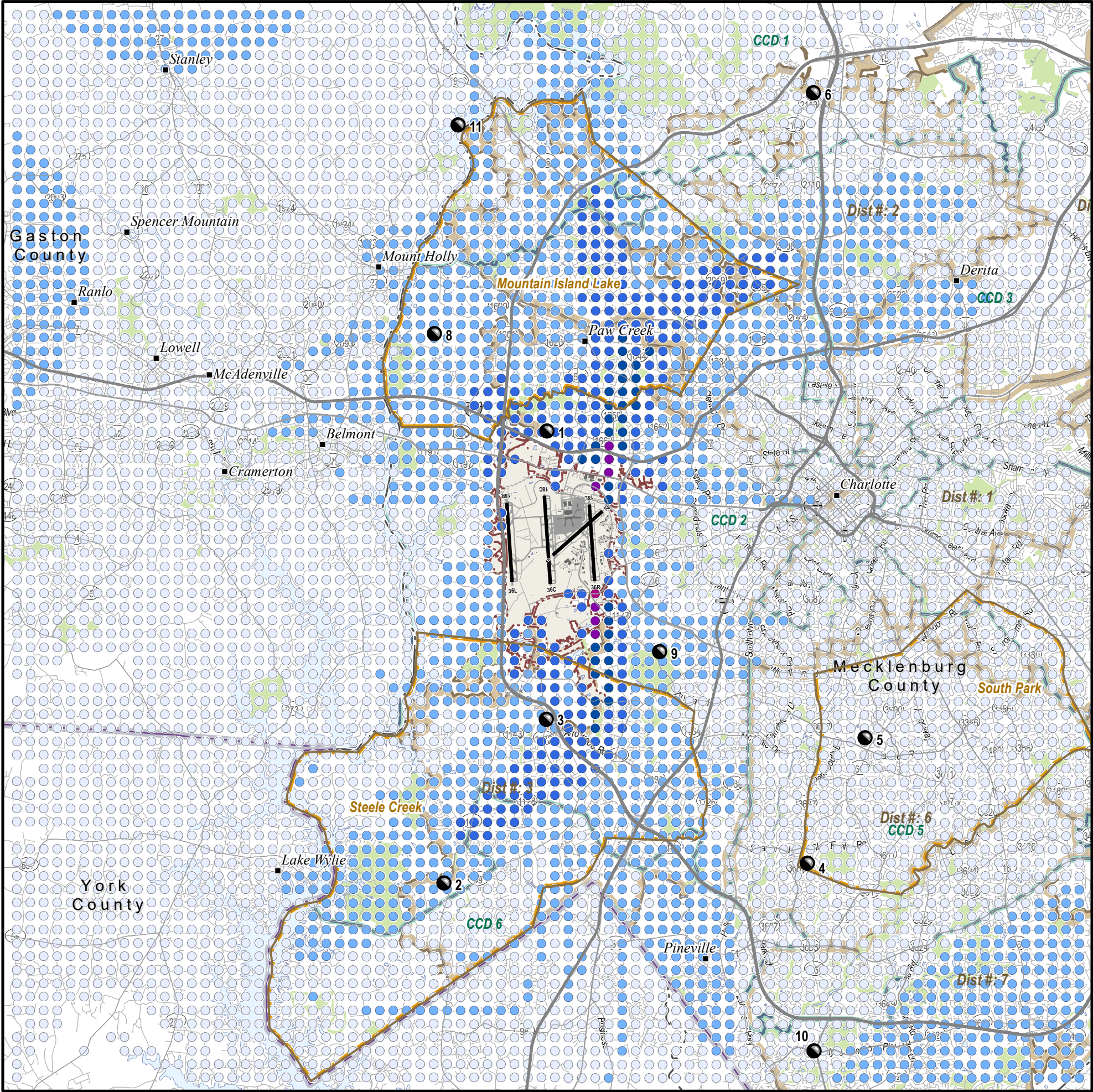10 Ballantyne
11 Mountain Island Lake

0   2   4 Nautical Miles

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Gaston County
Stanley
Spencer Mountain
Mount Holly
Ranlo
Lowell
McAdenville
Belmont
Cramerton
Mountain Island Lake
Paw Creek
Derita
Charlotte
Mecklenburg County
South Park
Steele Creek
Lake Wylie
York County
Pineville
Ballantyne

CCD 1 CCD 2 CCD 3 CCD 5 CCD 6
Dist #: 1 Dist #: 2 Dist #: 3 Dist #: 6 Dist #: 7

CLT CHARLOTTE DOUGLAS℠ INTERNATIONAL AIRPORT

Lmax Grid Analysis
January 1, 2018 through December 31, 2018
CLT Baseline Operations

——— Runway

▨ Airport Boundary (Approximate)

Lmax Grid

○ 70.0 - 80.0 dB
● 80.1 - 90.0 dB
● 90.1 - 100.0 dB
● 100.1 - 110.0 dB
● 110.1 - 120.0 dB
● 120.1 - 130.0 dB
● 130.1 - 140.0 dB
● 140.1 - 150.0 dB

━━━ State Boundary   - - - County Boundary
——— Highway   ——— Minor Roads
——— Major Roads   ┼┼┼┼ Railroad

▭ Charlotte Regions
▭ City Council District Boundaries
▭ County Commission Districts

〰 Water / Stream   ▨ Open Space

◕ Landmark Locations
1 West Mecklenburg High   7 UNCC
2 Southwest Middle School   8 US Whitewater Center
3 Olympic Community High School   9 Renaissance Park
4 Quail Hollow Middle School   10 Ballantyne
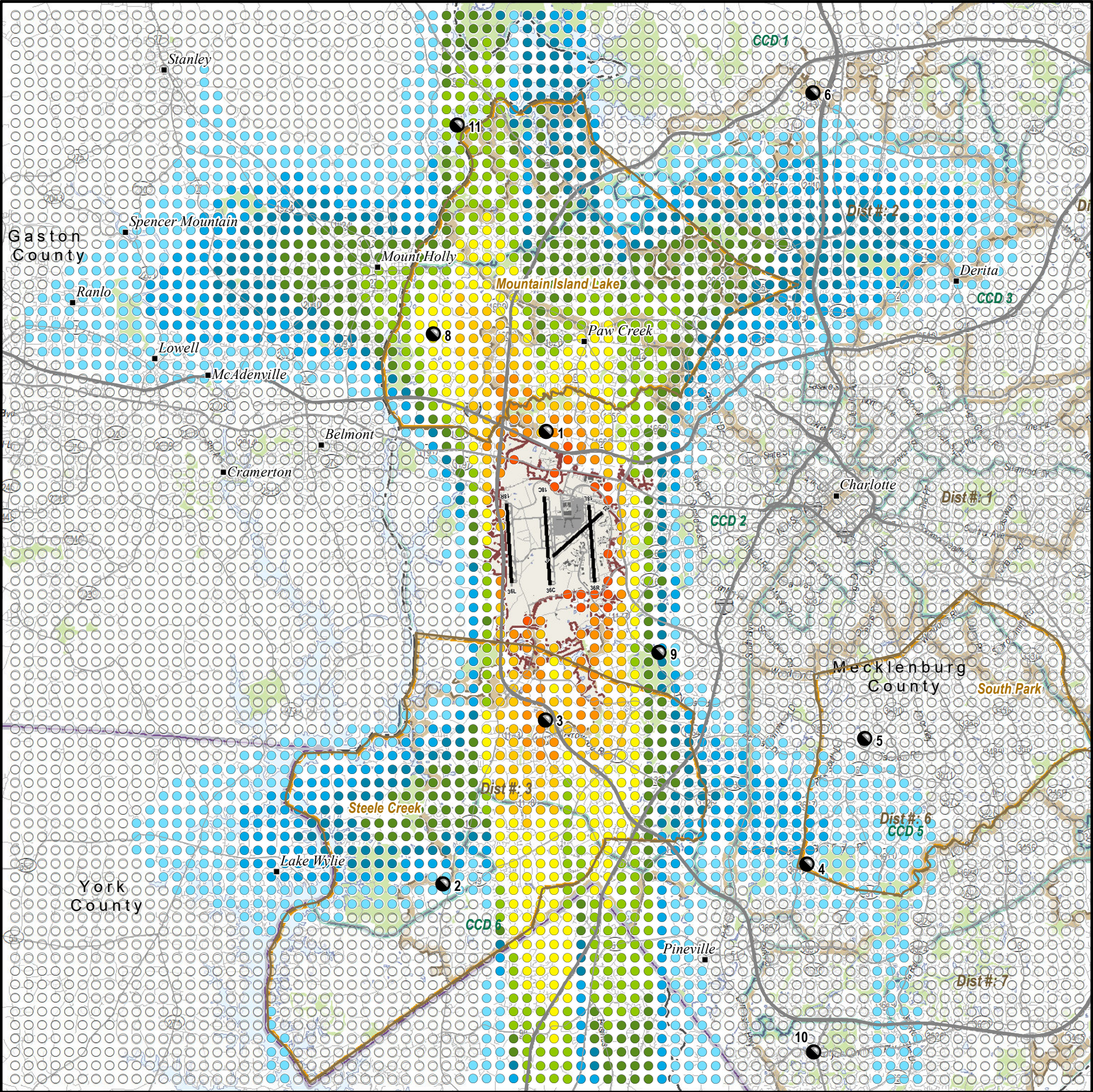5 South Park Mall   11 Mountain Island Lake
6 NorthLake Mall

Data Source: Mechlenberg County GIS, November 2018, (Parks, Community Points, Lakes, Ponds, Roads); Gaston County GIS, November 2018, (Parks, Community Points); York County GIS, March 2019, (Parks, Community Points); CLT, March 2019, (County Boundary, City Boundary, Charolette Regions)
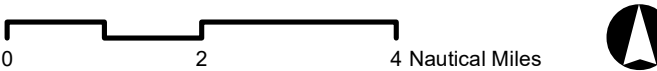
0   2   4 Nautical Miles

CLT
CHARLOTTE DOUGLAS ℠
INTERNATIONAL AIRPORT

Number Above Lmax 70 Grid Analysis
January 1, 2018 through December 31, 2018
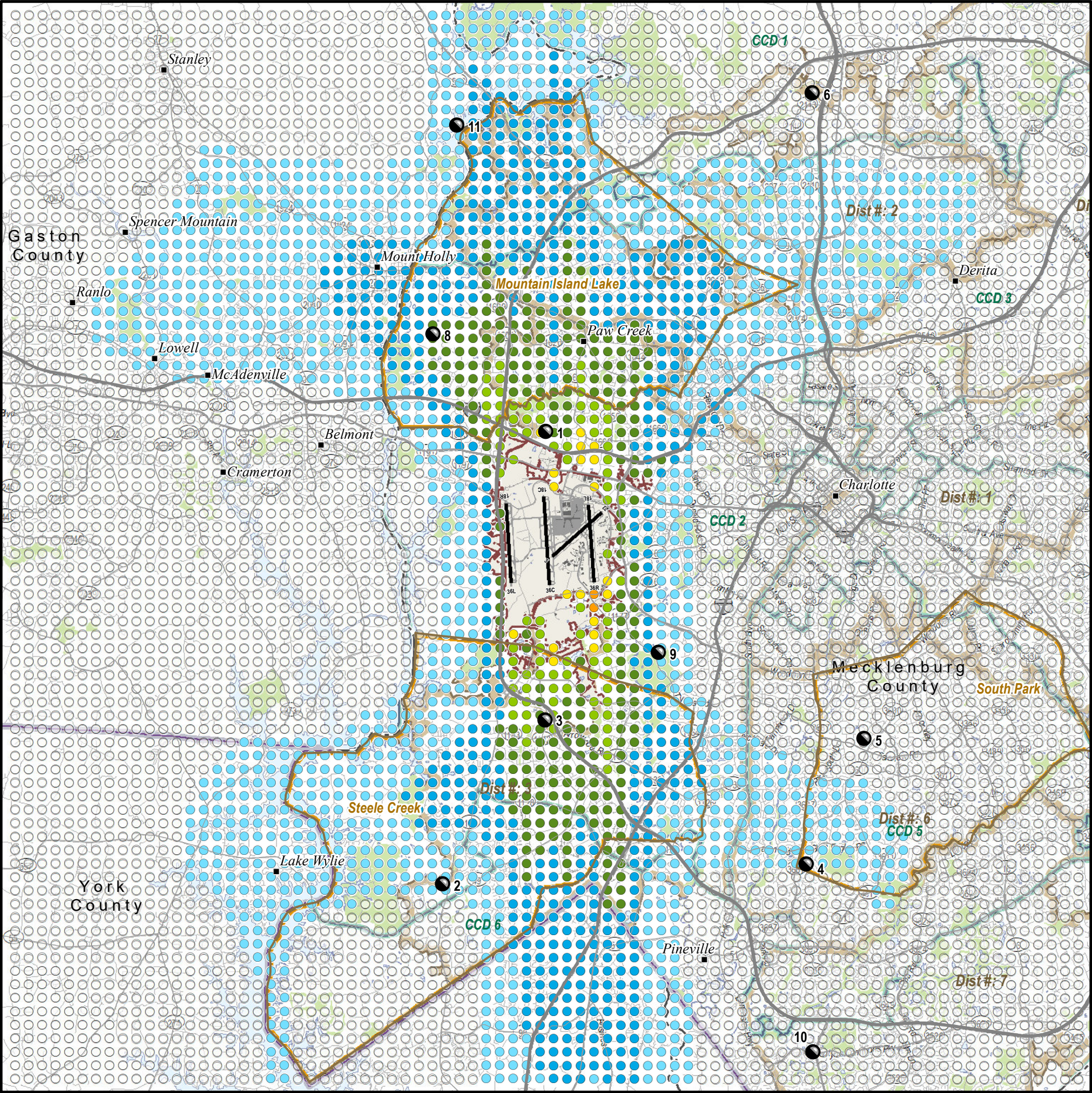**CLT Baseline Operations**

—— Runway

⌐····⌐ Airport Boundary (Approximate)

NA 70 Lmax Grid

○ 0-25
● 26 - 50
● 51 - 75
● 76 - 100
● 101 - 150
● 151 - 200
● 201 - 300
● 301 - 400
● 401 - 500
● > 500

—— State Boundary   – – County Boundary

—— Highway   —— Minor Roads

—— Major Roads   ···· Railroad

▭ Charlotte Regions

▭ City Council District Boundaries

▭ County Commission Districts

〰 Water / Stream   ▨ Open Space

◖ Landmark Locations
  1 West Mecklenburg High   7 UNCC
  2 Southwest Middle School   8 US Whitewater Center
  3 Olympic Community High School 9 Renaissance Park
  4 Quail Hollow Middle School   10 Ballantyne
  5 South Park Mall   11 Mountain Island Lake
  6 NorthLake Mall

Data Source: Mechlenberg County GIS, November 2018, (Parks, Community Points, Lakes, Ponds, Roads); Gaston County GIS, November 2018, (Parks, Community Points); York County GIS, March 2019, (Parks, Community Points); CLT, March 2019, (County Boundary, City Boundary, Charlotte Regions)

0   2   4 Nautical Miles

CLT
CHARLOTTE DOUGLAS℠
INTERNATIONAL AIRPORT

DNL Grid Analysis
January 1, 2018 through December 31, 2018
CLT Baseline Operations

— Runway

▢ Airport Boundary (Approximate)

DNL Grid

○ 0.0 - 45.0
● 45.1 - 50.0
● 50.1 - 55.0
● 55.1 - 60.0
● 60.1 - 65.0
● 65.1 - 70.0
● 70.1 - 75.0
● >= 75.1

— State Boundary   --- County Boundary

— Highway   — Minor Roads

— Major Roads   ···· Railroad

▭ Charlotte Regions

▭ City Council District Boundaries

▭ County Commission Districts

〰 Water / Stream

Landmark Locations

● 1 West Mecklenburg High   7 UNCC
2 Southwest Middle School   8 US Whitewater Center
3 Olympic Community High School   9 Renaissance Park
4 Quail Hollow Middle School   10 Ballantyne
5 South Park Mall   11 Mountain Island Lake
6 NorthLake Mall

Data Source: Mechlenberg County GIS, November 2018, (Parks, Community Points, Lakes, Ponds, Roads); Gaston County GIS, November 2018, (Parks, Community Points); York County GIS, March 2019, (Parks, Community Points); CLT, March 2019, (County Boundary, City Boundary, Charlotte Regions)
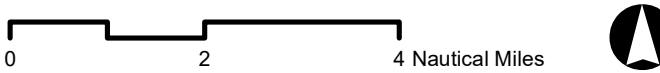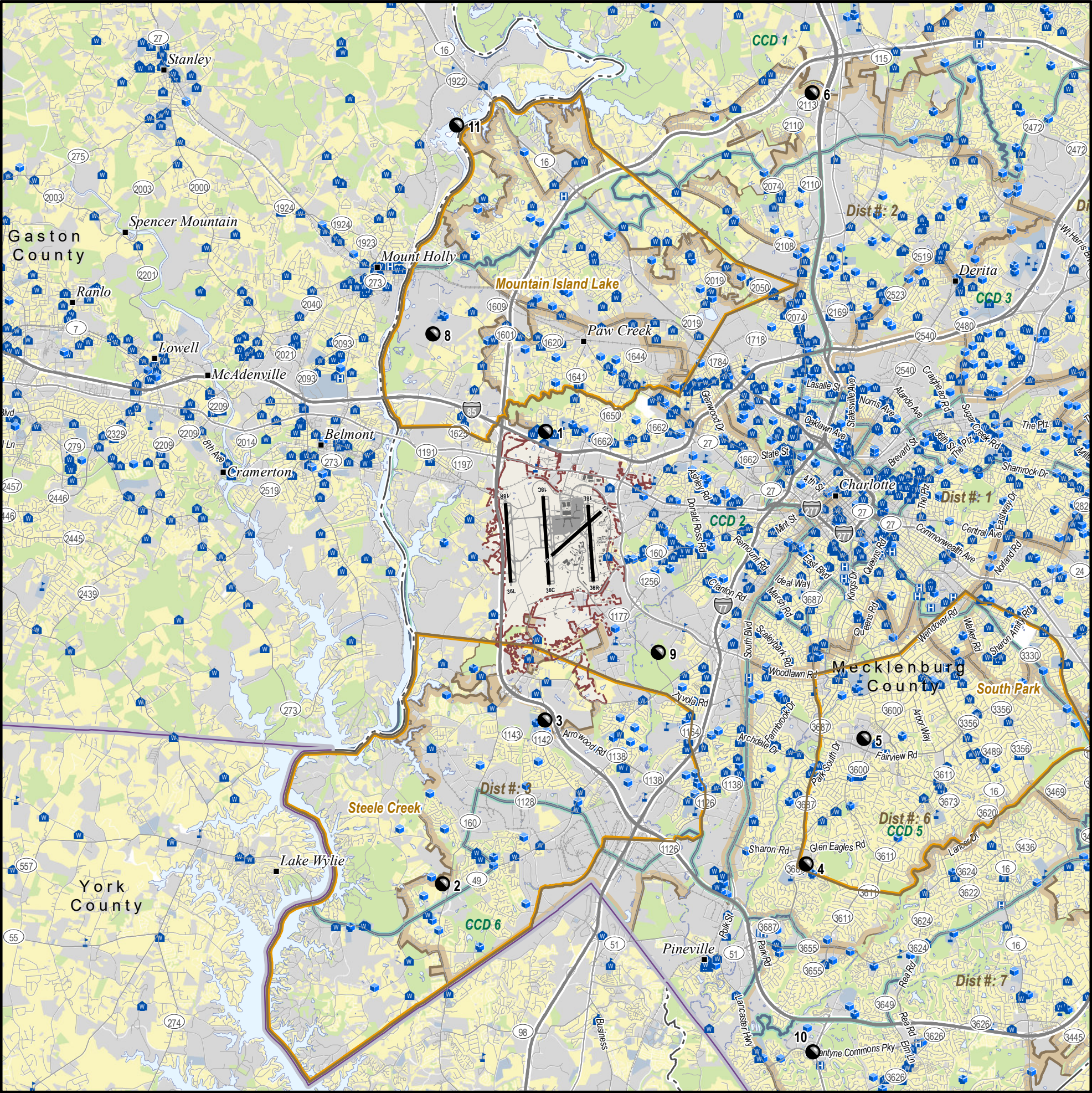
0   2   4 Nautical Miles

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**CLT 2018 Operations Baseline
Base Map**

Legend

― Runway

⬚ Airport Boundary (Approximate)

― State Boundary — ― County Boundary

― Highway ― Minor Roads

― Major Roads ┈┿┈ Railroad

― Charlotte Regions

― City Council District Boundaries

― County Commission Districts

Noise Sensitive Land Use ▨ Pulbic Use

Compatible Land Use ▨ Open Space

≈ Water / Stream

♪ School / College / University ⊞ Hospital

⬢ Place of Worship ⬙ Day Care

◐ Landmark Locations

1 West Mecklenburg High	7 UNCC
2 Southwest Middle School	8 US Whitewater Center
3 Olympic Community High School	9 Renaissance Park
4 Quail Hollow Middle School	10 Ballantyne
5 South Park Mall	11 Mountain Island Lake
6 NorthLake Mall	

Data Source: Mechlenberg County GIS, November 2018, (Land Use, Parks, Community Points, Lakes, Ponds, Roads); Lancaster County GIS, January 2019, (Land Use); Gaston County GIS, November 2018, (Land Use, Parks, Community Points); York County GIS, March 2019, (Land Use, Parks, Community Points); Carribus County GIS, April 2019, (Land Use); ESRI, 2017, (North American Streets); CLT, March 2019, (County Boundary, City Boundary, Charolette Regions)

0   2   4 Nautical Miles

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