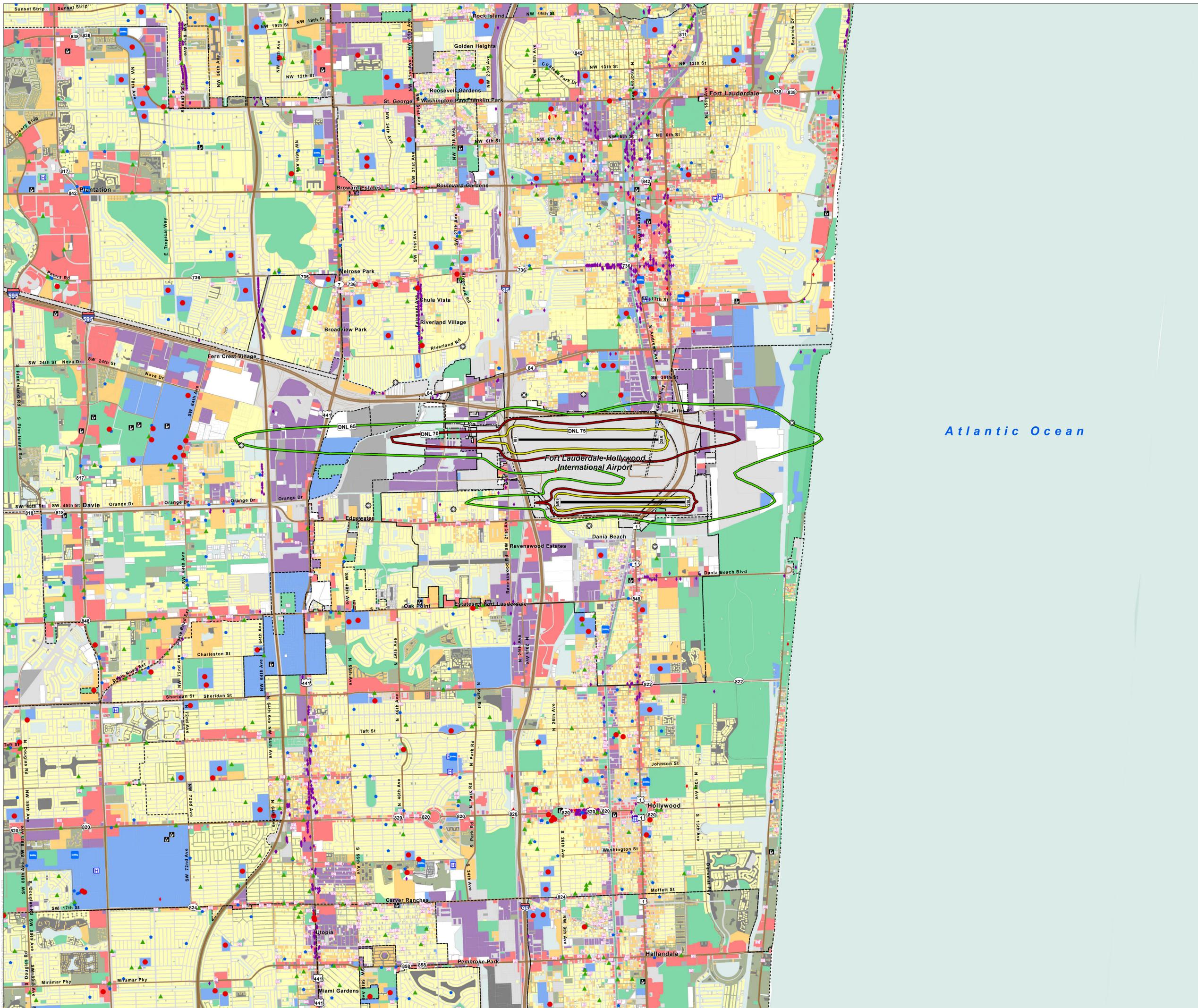


APPENDIX K

Noise Exposure Maps

This appendix includes the Noise Exposure Maps (NEMs) for the Fort Lauderdale-Hollywood International Airport Part 150 Study.

- Map 1 – 2018 DNL Contours and Generalized Land Uses
- Map 2 – 2023 DNL Contours and Generalized Land Uses
- Map 3 – East Flow Fixed-Wing Flight Tracks and Generalized Land Uses
- Map 4 – West Flow Fixed-Wing Flight Tracks and Generalized Land Uses
- Map 5 – Helicopter Flight Tracks and Generalized Land Uses



Atlantic Ocean

Legend

<ul style="list-style-type: none"> ✈ Airport Property Line 🛣 Major Highways 🛣 Major Road 🚗 Local Traffic 🏛 Municipalities 📡 Noise Monitor 	<ul style="list-style-type: none"> 🏠 Noise Sensitive Sites 🎓 Planned School 👶 Children's Day Care 👵 Group Care 🏠 Nursing Home 🏥 Hospital 🏛 Religious Center 📖 Libraries 🏠 Historic Structure - NHRP - Eligible 🏠 Historic Structure - Other 	<ul style="list-style-type: none"> 🏠 Land Use 🏠 Single and Two Family Residential 🏠 Multi-Family Residential 🏠 Commercial and Office 🏠 Industrial and Manufacturing 🏠 Transportation and Parking 🏠 Utilities 🌳 Parks, Open Space and Agriculture 🏠 Unclassified 🏠 Vacant 💧 Water 🏠 Undesignated* 	<ul style="list-style-type: none"> 📏 DNL Contours 🟢 DNL 65 🟠 DNL 70 🔴 DNL 75
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*Undesignated refers to parcels not populated with a land use code in data provided by Broward County

NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses contained within the DNL 65 contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

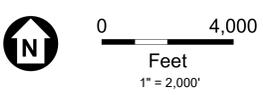
2018 Noise Exposure Map
 The Noise Exposure Map for 2018 and accompanying documents for Fort Lauderdale-Hollywood International Airport are submitted in accordance with 14 CFR Part 150. They were prepared with the best available information and are hereby certified as true and correct to the best of our knowledge and belief.
 The Noise Exposure Map represents the aircraft noise exposure and aircraft operations at Fort Lauderdale-Hollywood International Airport for 2018. Interested persons have had the opportunity to submit their views concerning the correctness and adequacy of the Noise Exposure Map and forecast operations. The study has been conducted in consultation with state and local agencies whose area of jurisdiction is within the noise contours provided on the map.

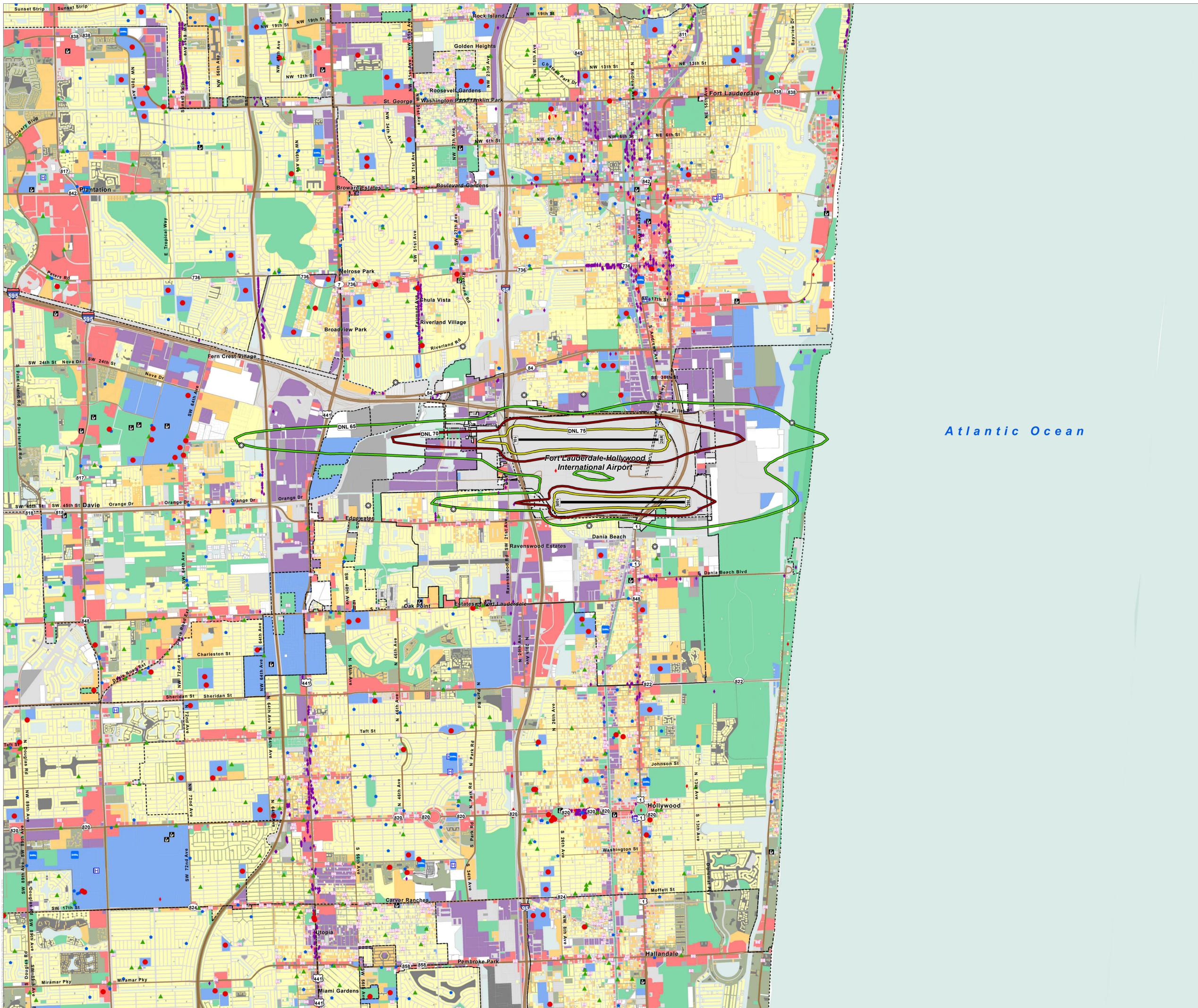
Mike Arnold, Senior Vice President
 Environmental Science Associates

Mark Gale, Airport Director
 Fort Lauderdale-Hollywood International Airport

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2018 Noise Exposure Map
 Map 1 of 5
 Fort Lauderdale-Hollywood International Airport





Atlantic Ocean

Legend

<ul style="list-style-type: none"> Airport Property Line Major Highways Major Roads Local Traffic Municipalities Noise Monitor 	<ul style="list-style-type: none"> Noise Sensitive Sites Planned School Children's Day Care Group Care 	<ul style="list-style-type: none"> Nursing Home Hospital Religious Center Libraries Historic Structure - NHRP - Eligible Historic Structure - Other 	<ul style="list-style-type: none"> Land Use Single and Two Family Residential Multi-Family Residential Commercial and Office Industrial and Manufacturing Transportation and Parking Utilities 	<ul style="list-style-type: none"> Public Facilities and Institutions Parks, Open Space and Agriculture Unclassified Vacant Water Undesignated* 	<ul style="list-style-type: none"> DNL Contours DNL 65 DNL 70 DNL 75
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NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses within the DNL 65 contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

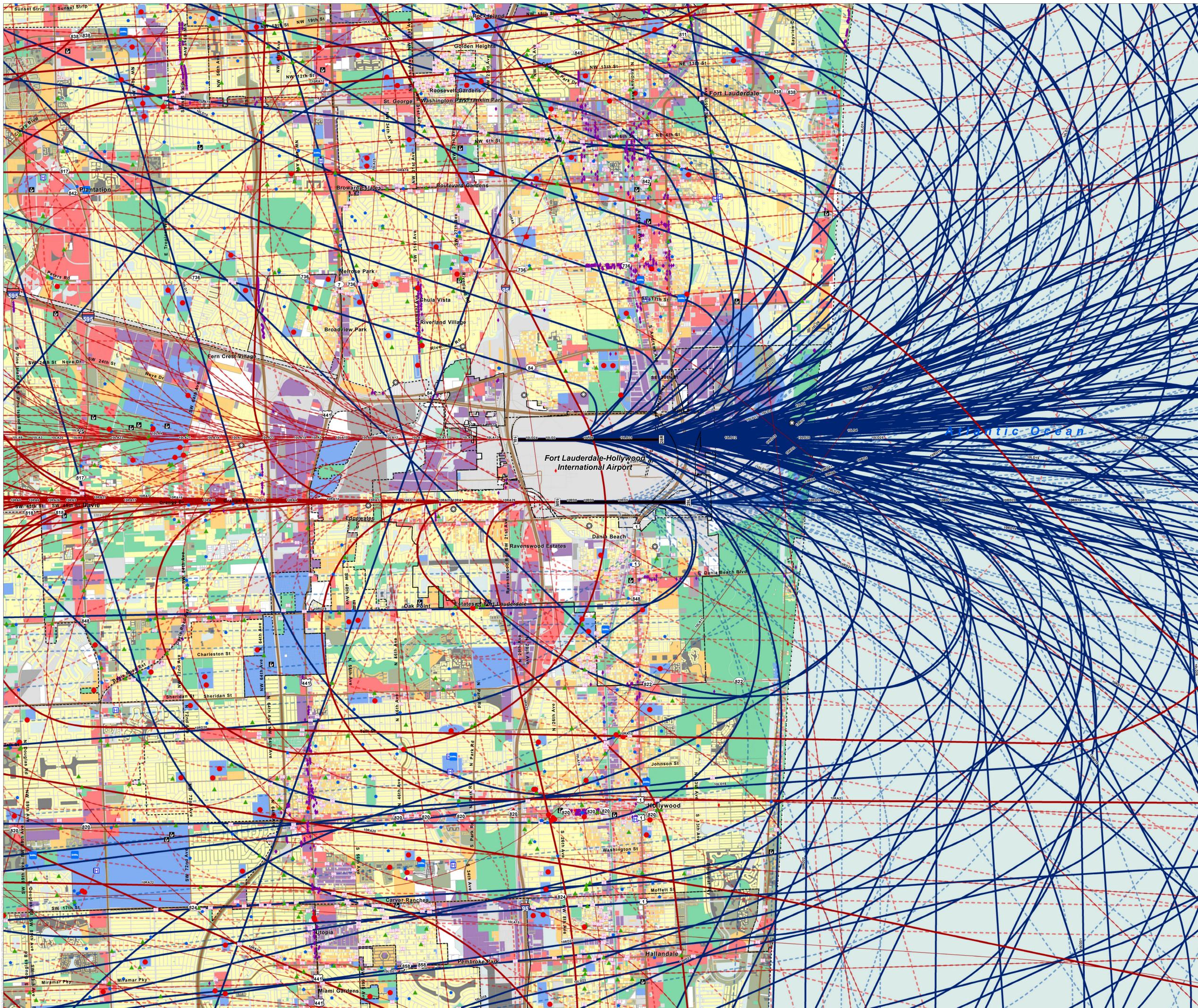
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2023 Noise Exposure Map
 Map 2 of 5
 Fort Lauderdale-Hollywood International Airport



Legend

<ul style="list-style-type: none"> ✈ Airport Property Line — Major Highways — Major Roads — Local Traffic — Municipalities 📡 Noise Monitor 	<ul style="list-style-type: none"> 📍 Noise Sensitive Sites 🎓 Existing School or College 🏠 Hospital 🏥 Religious Center 🎓 Planned School 👶 Children's Day Care 👵 Group Care 	<ul style="list-style-type: none"> 🏠 Nursing Home 🏠 Residential 🏥 Hospital 🏥 Religious Center 🎓 Library 🏠 Historic Structure - NHRP - Eligible 🏠 Historic Structure - Other 	<ul style="list-style-type: none"> 🏠 Land Use 🏠 Single and Two Family Residential 🏠 Multi-Family Residential 🏠 Commercial and Office 🏠 Industrial and Manufacturing 🏠 Transportation and Parking 🏠 Utilities 🌳 Public Facilities and Institutions 🌳 Parks, Open Space and Agriculture 🌳 Undesignated 🌳 Water 🌳 Undesignated* 	<ul style="list-style-type: none"> 🛫 Operation Type 🛫 Arrival Track 🛫 Departure Track 🛫 Arrival Sub-Track 🛫 Departure Sub-Track
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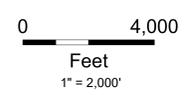
NOTE: Broward County and the Cities of Dania Beach, Davie, Fort Lauderdale, and Hollywood are the sole agencies for land uses within the DNL 65 contour.

SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

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Mike Arnold, Senior Vice President
 Environmental Science Associates

Mark Gale, Airport Director
 Fort Lauderdale-Hollywood International Airport



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Legend

<ul style="list-style-type: none"> — Airport Property Line — Major Highways — Major Roads — Local Traffic • Municipalities • Noise Monitor 	<ul style="list-style-type: none"> • Noise Sensitive Sites • Existing School or College • Planned School • Children's Day Care • Group Care 	<ul style="list-style-type: none"> • Nursing Home • Hospital • Religious Center • Libraries • Historic Structure - NHRP - Eligible • Historic Structure - Other 	<ul style="list-style-type: none"> • Land Use • Single and Two Family Residential • Multi-Family Residential • Commercial and Office • Industrial and Manufacturing • Transportation and Parking • Utilities 	<ul style="list-style-type: none"> • Public Facilities and Institutions • Parks, Open Space and Agriculture • Undesignated • Vacant • Water • Undesignated* 	<ul style="list-style-type: none"> • Operation Type • Arrival Track • Departure Track • Arrival Sub-Track • Departure Sub-Track
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 SOURCE: Esri; Broward County GIS Parcel Data Set, October, 2017; Adapted by Arora Engineers and ESA, 2018.

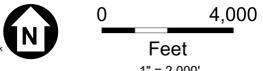
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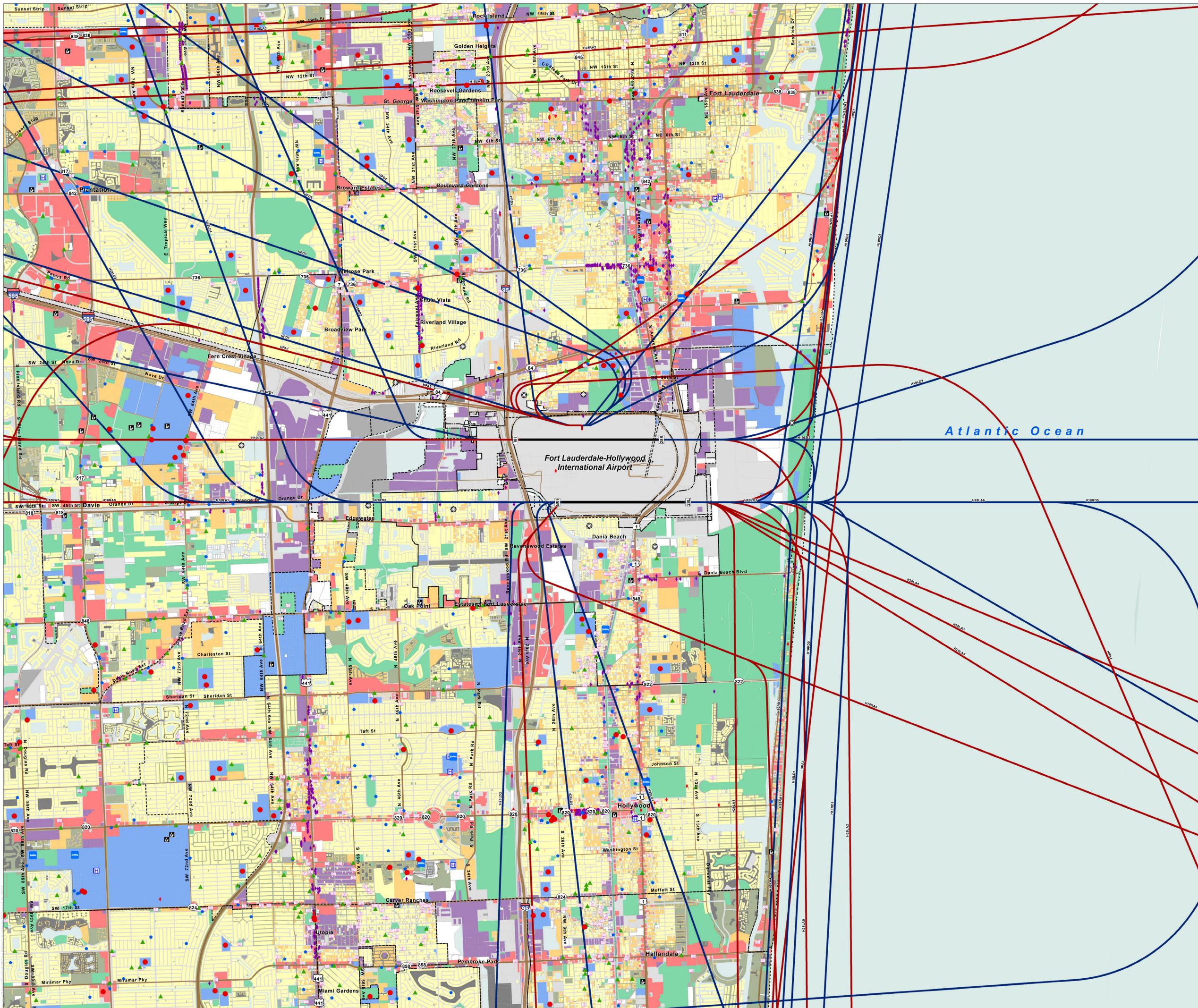
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West Flow Fixed-Wing Flight Tracks
 Map 4 of 5
 Fort Lauderdale-Hollywood International Airport





Legend

<ul style="list-style-type: none"> Airport Property Line Major Highways Major Roadways Local Traffic Municipalities Noise Monitor 	<ul style="list-style-type: none"> Existing School or College Planned School Children's Day Care Group Care 	<ul style="list-style-type: none"> Nursing Home Hospital Religious Center Libraries Historic Structure - NHRP - Eligible Historic Structure - Other 	<ul style="list-style-type: none"> Single and Two Family Residential Multi-Family Residential Commercial and Office Industrial and Manufacturing Transportation and Parking Utilities 	<ul style="list-style-type: none"> Public Facilities and Institutions Parks, Open Space and Agriculture Undesignated Vacant Water Undesignated* 	<ul style="list-style-type: none"> Arrival Track Departure Track
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Helicopter Flight Tracks
 Map 5 of 5
 Fort Lauderdale-Hollywood International Airport

