Suburban O'Hare Commission

Special Newsletter
June 2016

Addison • Bensenville • DuPage County • Elk Grove Village • Elk Grove Township Elmhurst • Hanover Park • Itasca • Roselle • Schiller Park • Wood Dale

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Message from the SOC Chairman

Last year, the ONCC convened meetings to reduce overnight aircraft noise for the region with support and input from SOC and our independent aviation noise experts. The ONCC has now adopted a test Runway Rotation Plan.

SOC's experts, JDA Aviation Technologies, analyzed the rotation and their findings are striking, with over 67,000 residents estimated to experience a reduction in noise under the Runway Rotation Plan.

For the first time in the 25 years I have been in office and involved in airport issues, we have been able to work collaboratively with O'Hare to reduce aircraft noise for the region. The proposed plan distributes night-time aircraft noise across the entire region on a planned basis.

We wish to thank the City of Chicago, Chicago Department of Aviation, Commissioner Ginger Evans, the ONCC, and ONCC Chair Arlene Juracek for working collaboratively with us to benefit the region. We look forward to a successful test period.

Craig B. Johnson, SOC Chairman
Mayor, Elk Grove Village

Overnight Runway Rotation Plan Heralded as Unprecedented Achievement

On May 6, the O'Hare Noise Compatibility Commission (ONCC) approved a 6-month test for a Runway Rotation Plan during overnight hours, which will take place beginning in early July, 2016. The Runway Rotation Plan is the culmination of nearly a year of work by the ONCC, the Chicago Department of Aviation (CDA), and the Suburban O'Hare Commission (SOC) to reduce aircraft noise.

The Runway Rotation spreads aircraft noise across the region based upon a set weekly calendar, providing predictability to residents, along with well-deserved relief from aircraft noise. Former FAA Acting Administrator, Joe Del Balzo, praised the collaborative effort on the Runway Rotation Plan, saying:

> This is a historic, unprecedented event in the field of aviation noise mitigation. Never before has this kind of collaborative effort happened in the United States. For the first time, the FAA was willing to test a noise mitigation plan—a plan that was devised through the team efforts of the Chicago Department of Aviation, the O'Hare Noise Compatibility Commission, and the Suburban O'Hare Commission—all of whom were willing to share their ideas and expertise to reduce aircraft noise for the region.
>
> This process should become the national model on how to treat aircraft noise in the future.

The Rotation Plan has significant noise reduction benefits for the entire region. The communities surrounding the airport all benefit financially from O'Hare, and should all experience some noise impact from the airport, but no single community should bear the burden of all of the noise impact from O'Hare.

Message from Itasca Mayor

Itasca is proud to be a member of SOC and join each member in the testing of the overnight Runway Rotation Plan. We also look forward to maintaining a relationship with the ONCC and CDA on noise mitigation.

Itasca Residents, we urge your weekly input regarding the runway rotation and ask that you please click the survey link on the last page of the newsletter.

Thank you,

Itasca Mayor Jeff Pruyn

Runway Rotation Plan Design & Configurations

The Runway Rotation Plan is based on criteria crafted by the ONCC and involves the alternating use of ten runway configurations. This rotation plan will be tested over 6 months, beginning July 3 - December 24. A summary of the plan design is provided below:

- The plan is limited to overnight hours (11:00 p.m. to 5:30 a.m.) only when demand allows for one arrival and one departure runway. The plan does not change daytime operations at O'Hare.
- The plan balances available runways to evenly distribute aircraft across the region. The balance includes using half parallel and half diagonal runway configurations as well as half West and half East Flow scenarios.
- During the 6-month test period, households will be able to provide their input on the impact of the runway rotation plan. After the test period is completed, the ONCC will evaluate the plan. SOC has requested that its experts be included in that evaluation so that we can continue to ensure that the concerns of our residents are heard.

The maps on the following pages show the noise impact for the 10 primary runway configurations (lettered A - J) being used as part of the rotation. The runways in use are shown in an inset square on each noise map.

Below are the primary configurations for each week of the runway rotation plan test. Each weekly period will begin on the dates listed below (Sunday evening at 10 p.m. or after demand allows):

July 3	Configuration F	**Sep 4**	Configuration G	**Nov 6***	Configuration A
July 10	Configuration B	**Sep 11***	Configuration E	**Nov 13**	Configuration I
July 17	Configuration H	**Sep 18**	Configuration D	**Nov 20**	Configuration C
July 24	Configuration D	**Sep 25***	Configuration F	**Nov 27**	Configuration G
July 31	Configuration J	**Oct 2**	Configuration B	**Dec 4**	Configuration E
Aug 7	Configuration G	**Oct 9**	Configuration H	**Dec 11**	Configuration D
Aug 14*	Configuration A	**Oct 16**	Configuration D	**Dec 18**	Configuration F
Aug 21	Configuration I	**Oct 23**	Configuration J		
Aug 28	Configuration C	**Oct 30**	Configuration G		

Primary runway configurations are anticipated to be used 75-80% of the time during the scheduled weeks. When weather conditions or construction prohibit the use of the predetermined primary runway configurations, secondary runway configurations will be used. For more information on Runway Rotation Plan, including secondary runway configurations, please visit the ONCC website at www.airportprojects.net/flyquiettest.

**Planned construction may result in use of an alternate parallel runway for the primary configuration on this date.*

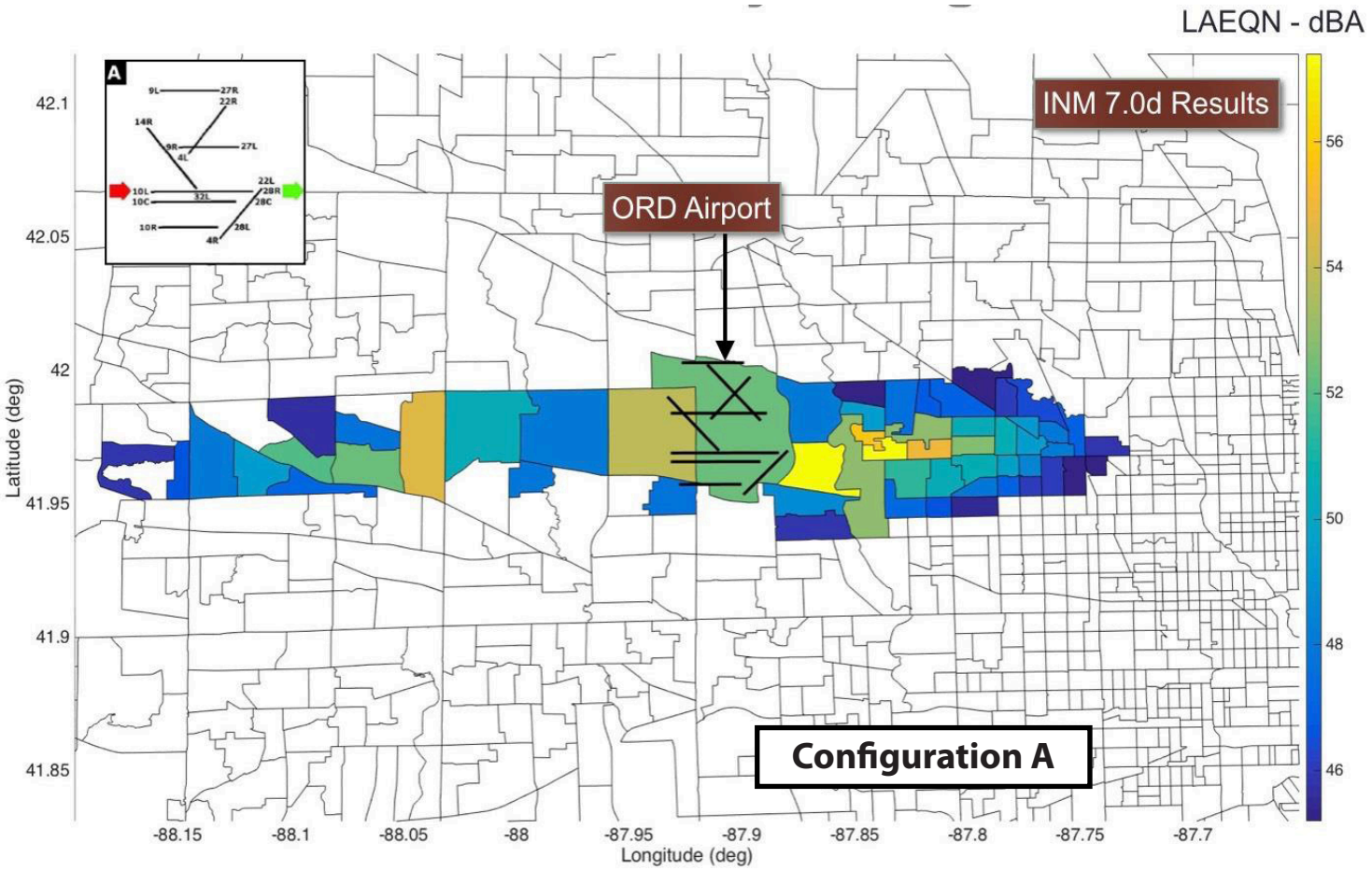
Analysis of Plan Benefits

67,887 residents will experience less noise

Noise mitigation experts working on behalf of SOC found that a total of 67,887 residents will experience less noise under the proposed runway rotation plan than they experience today:

- 9,054 residents will experience noise relief in 55 - 57 dB category (Highest noise impact)
- 6,091 residents will experience noise relief in the 52.5 - 55 dB category
- 19,815 residents will experience noise relief from 50 - 52.5 dB category
- 29,276 residents will experience noise relief from 47.5 - 50 dB category
- 3,651 residents will experience noise relief from 45 - 47.5 dB category

Visit www.oharenoiseproject.com to download a complete analysis of the Rotation Plan by SOC experts .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Longitude (deg)
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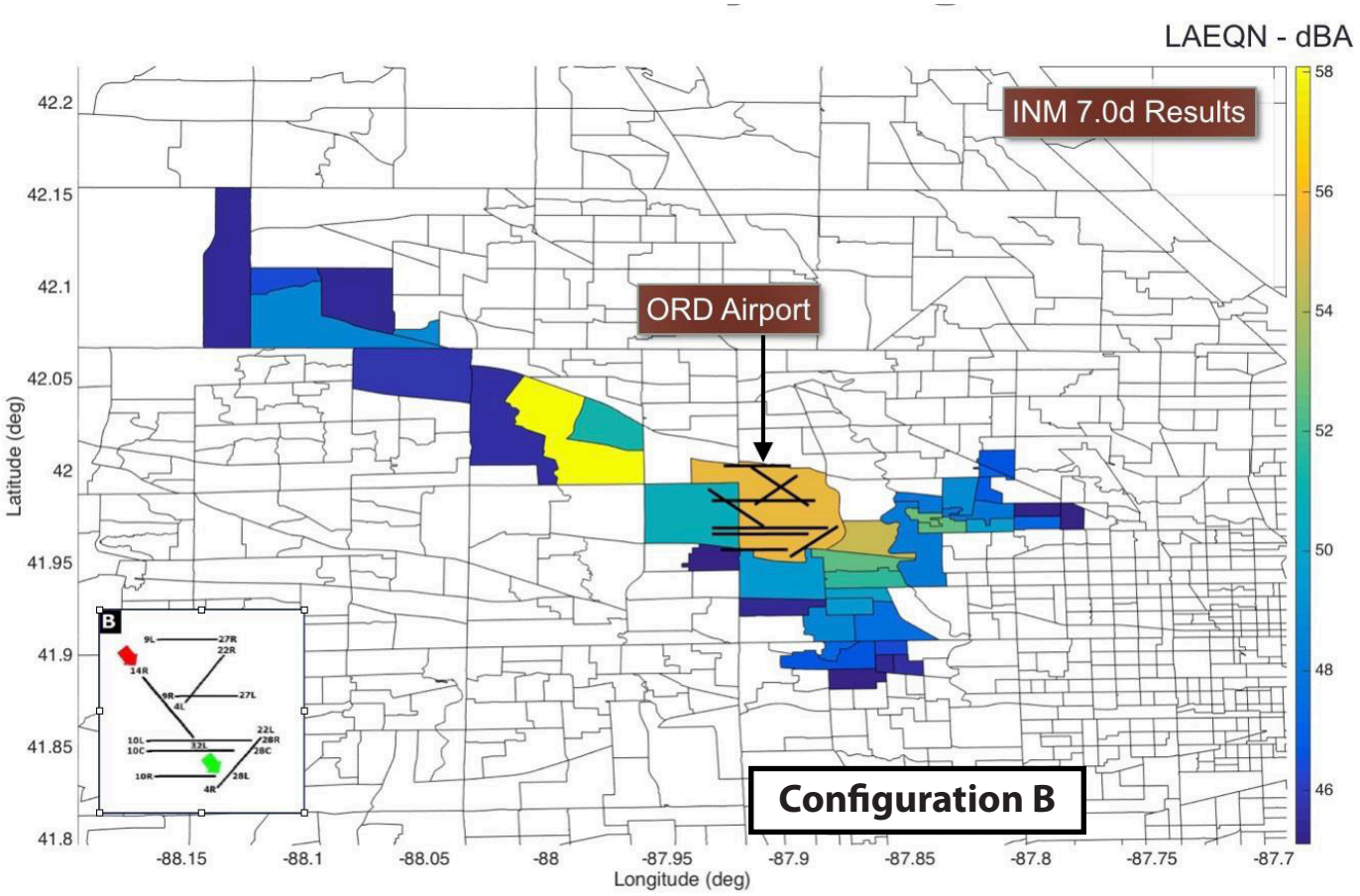
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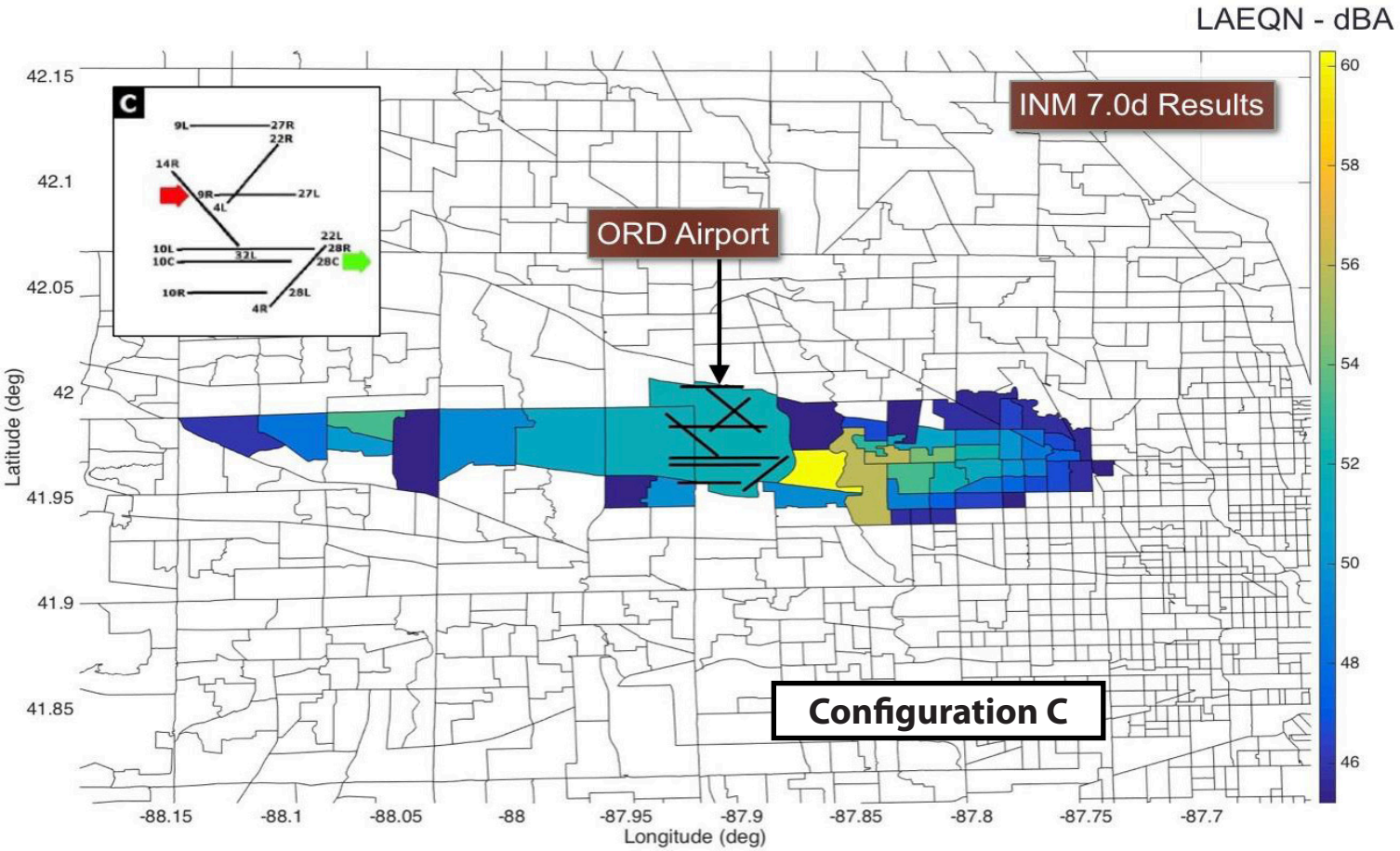
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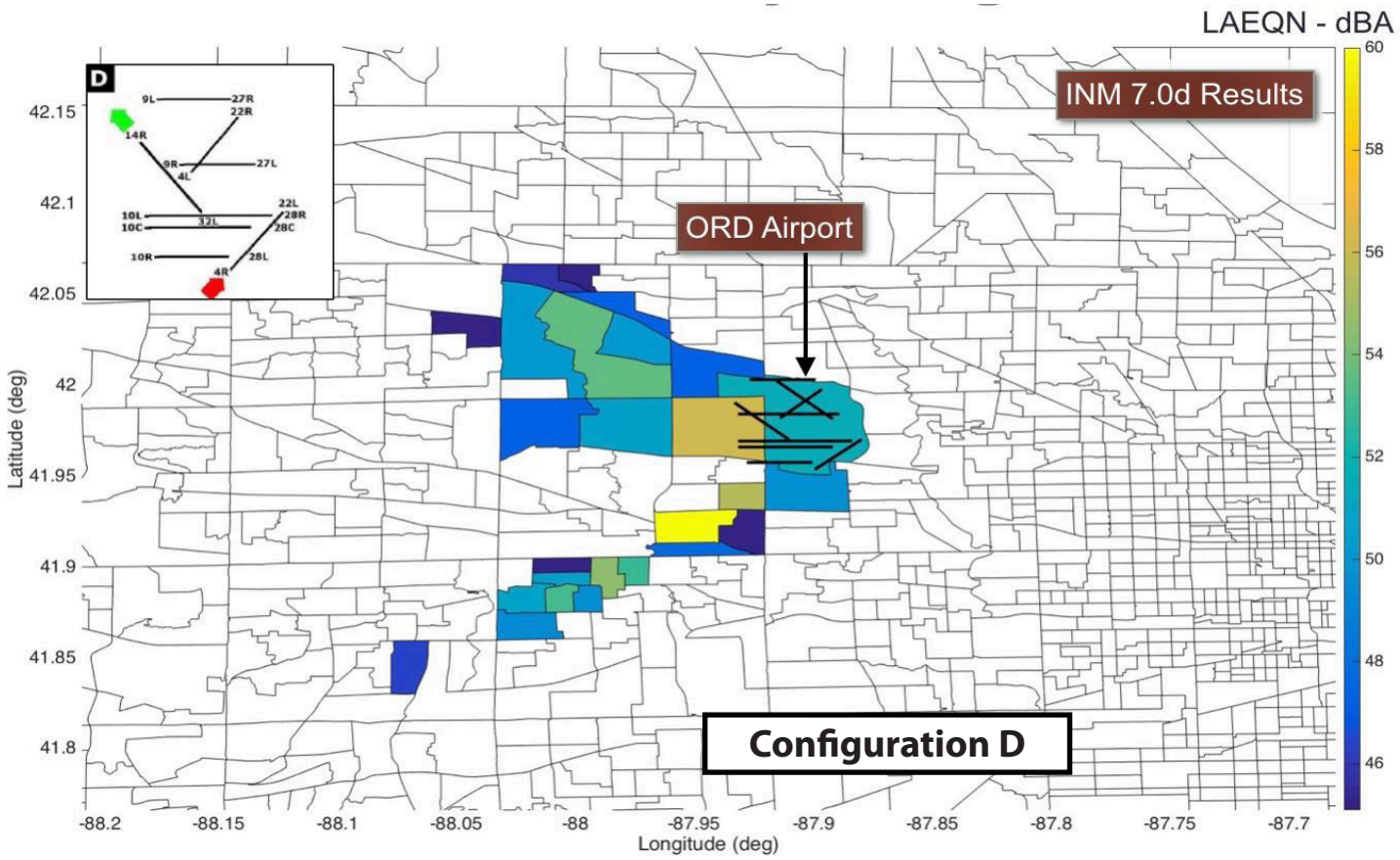
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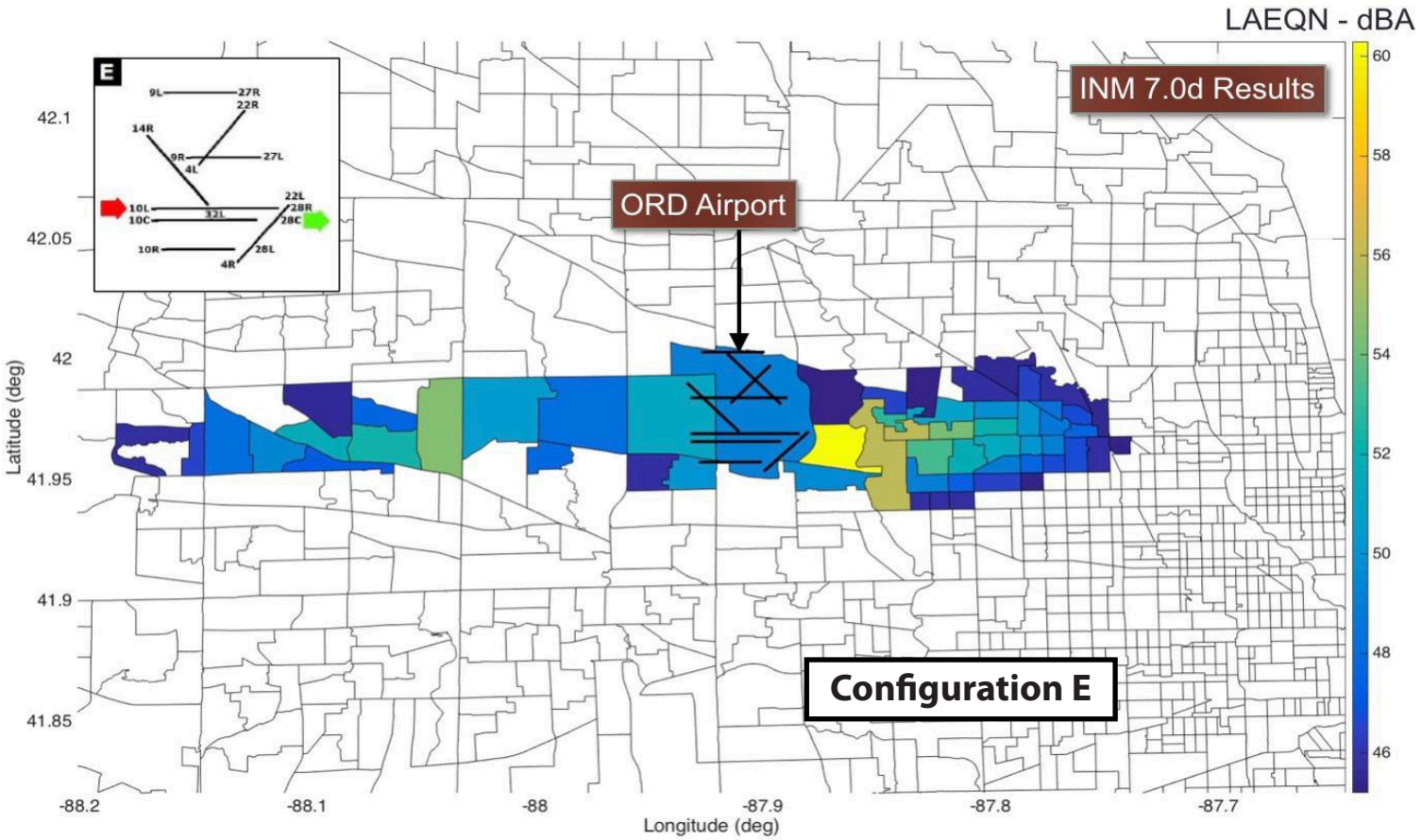
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E
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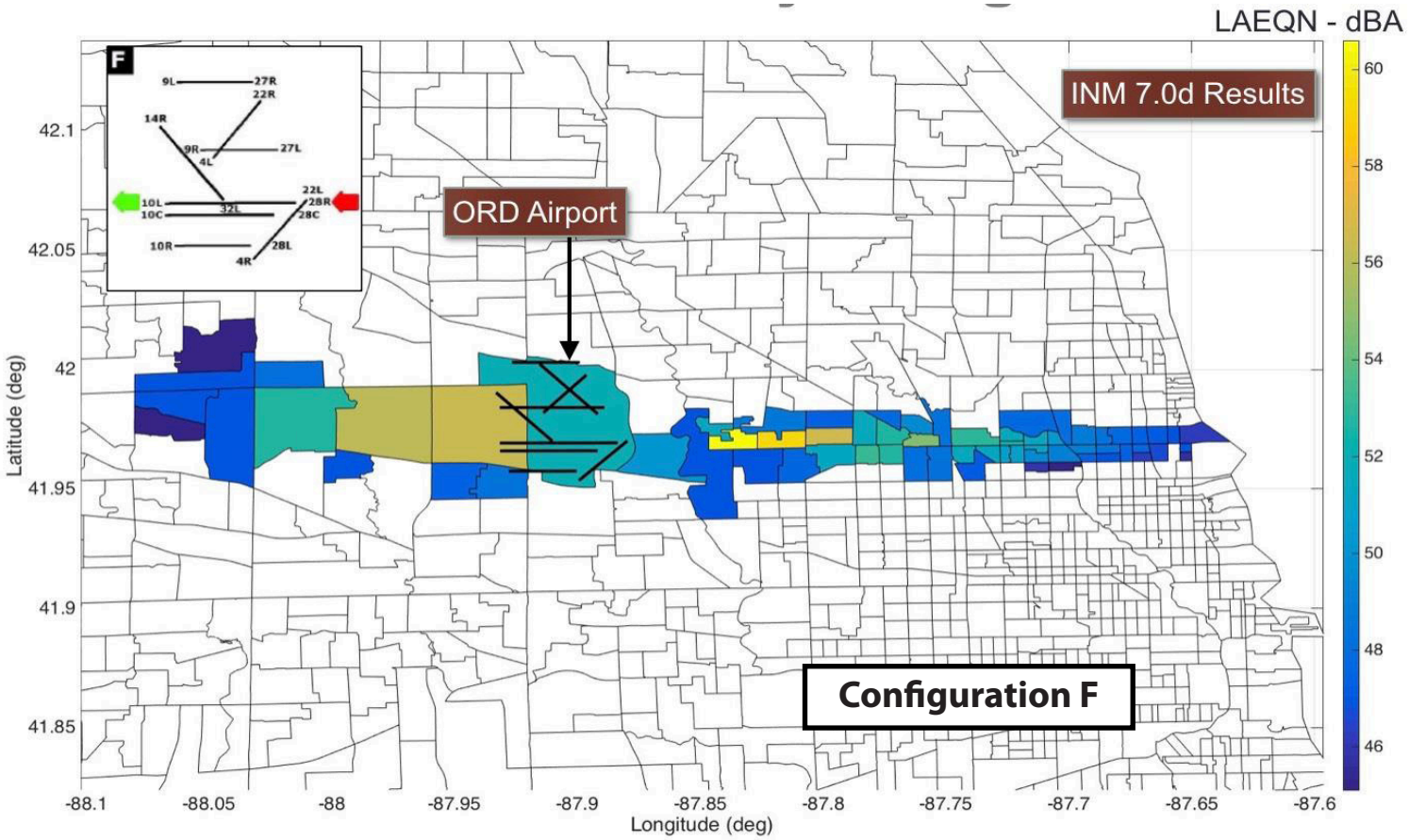
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Latitude (deg)
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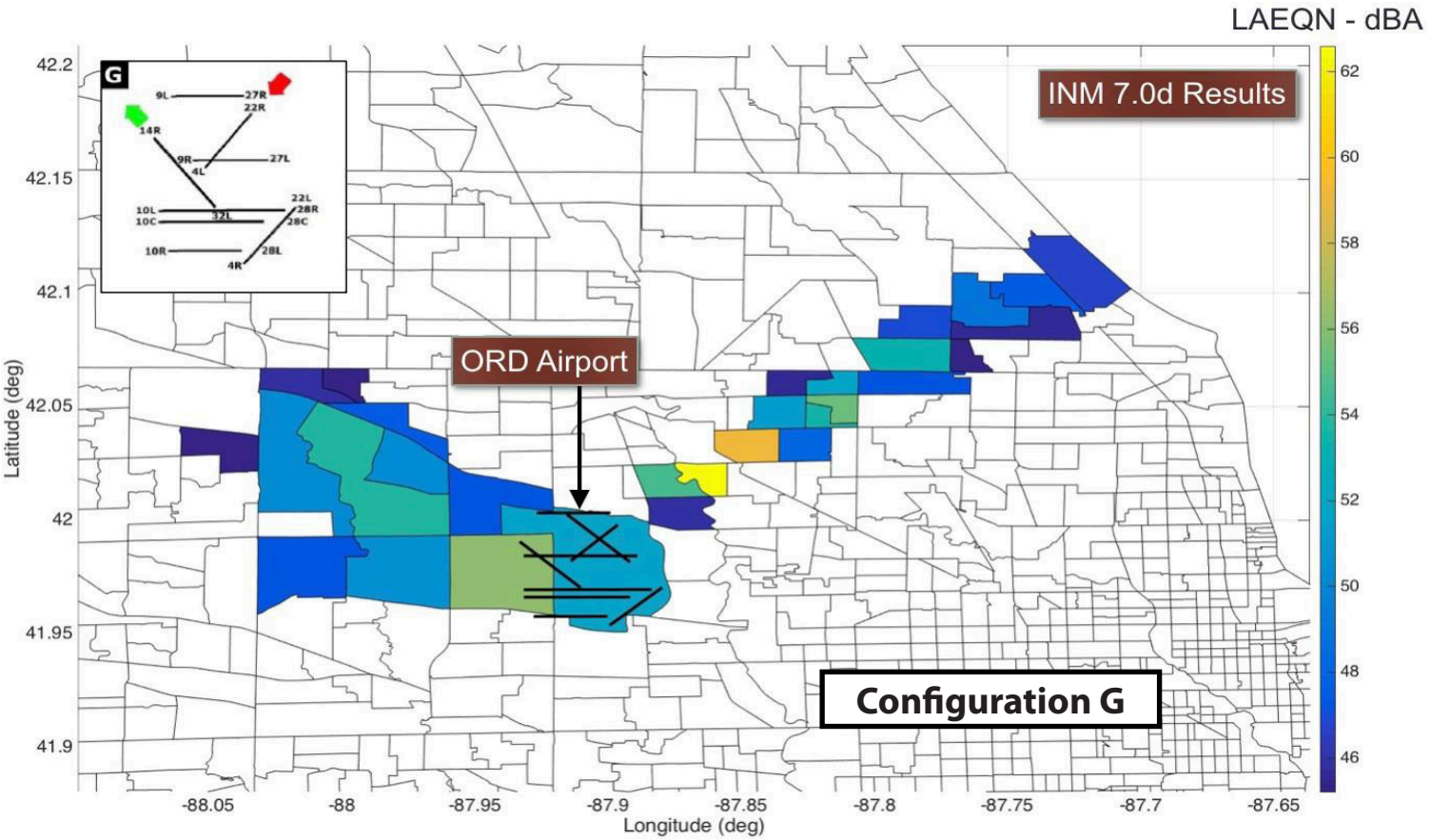
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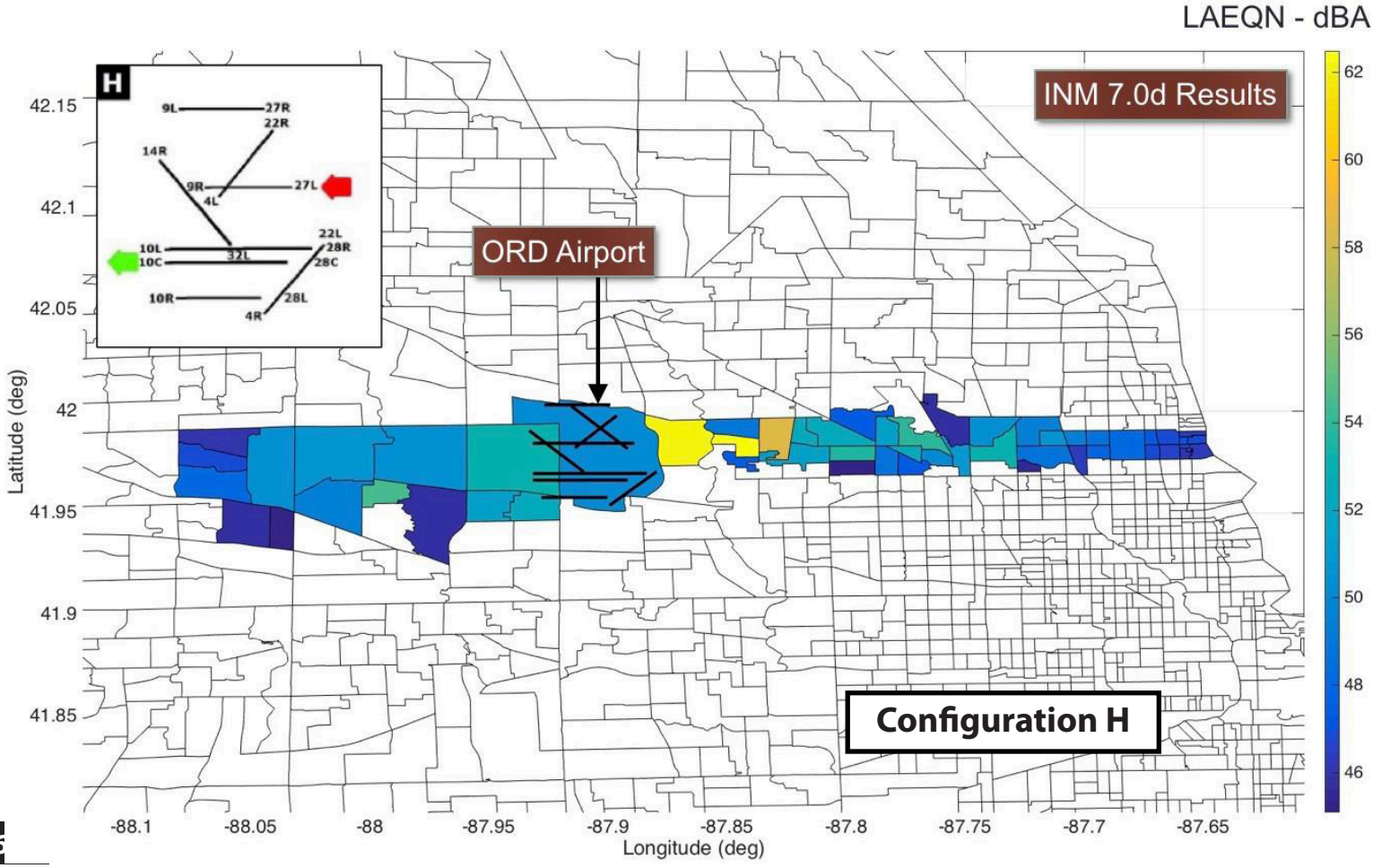
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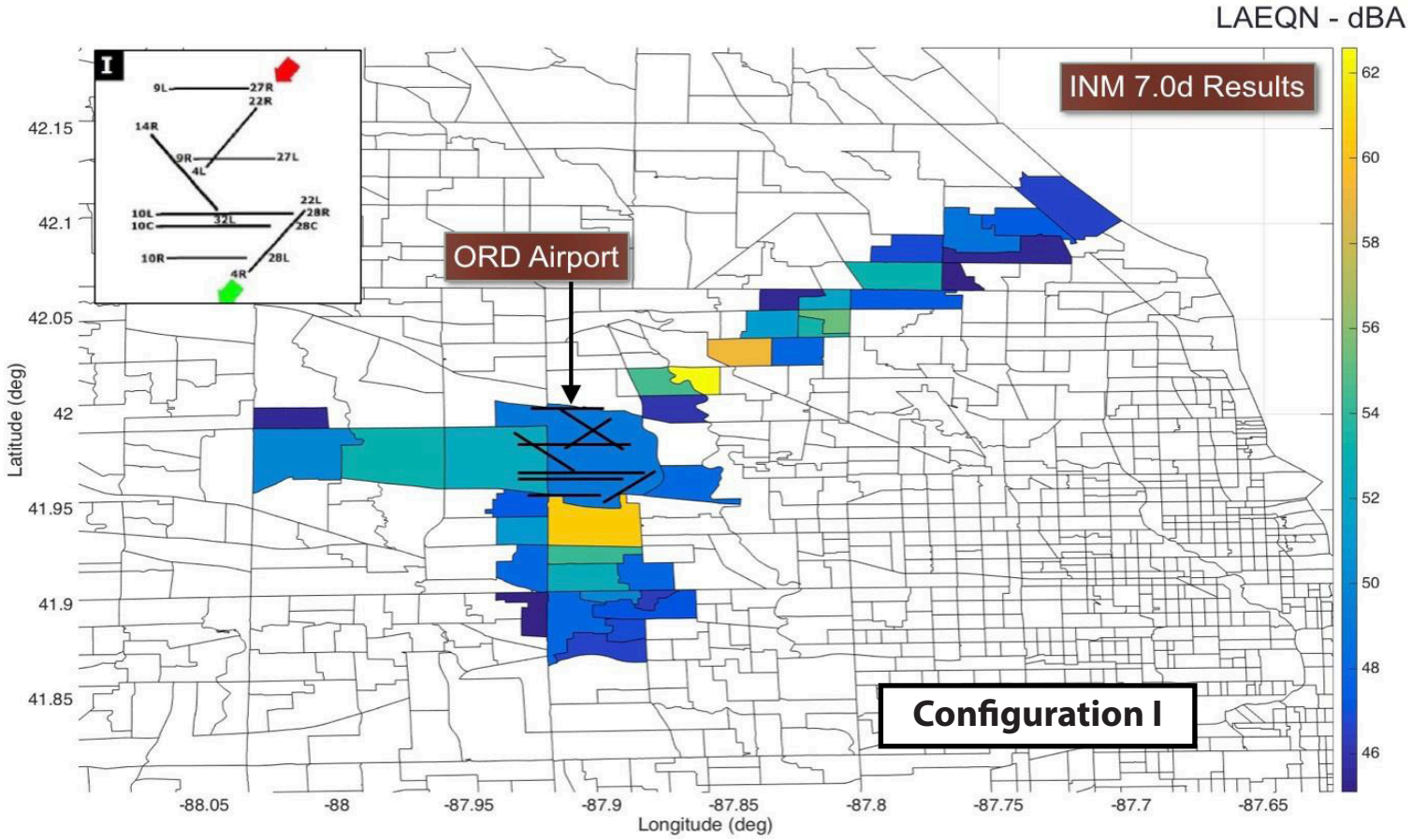
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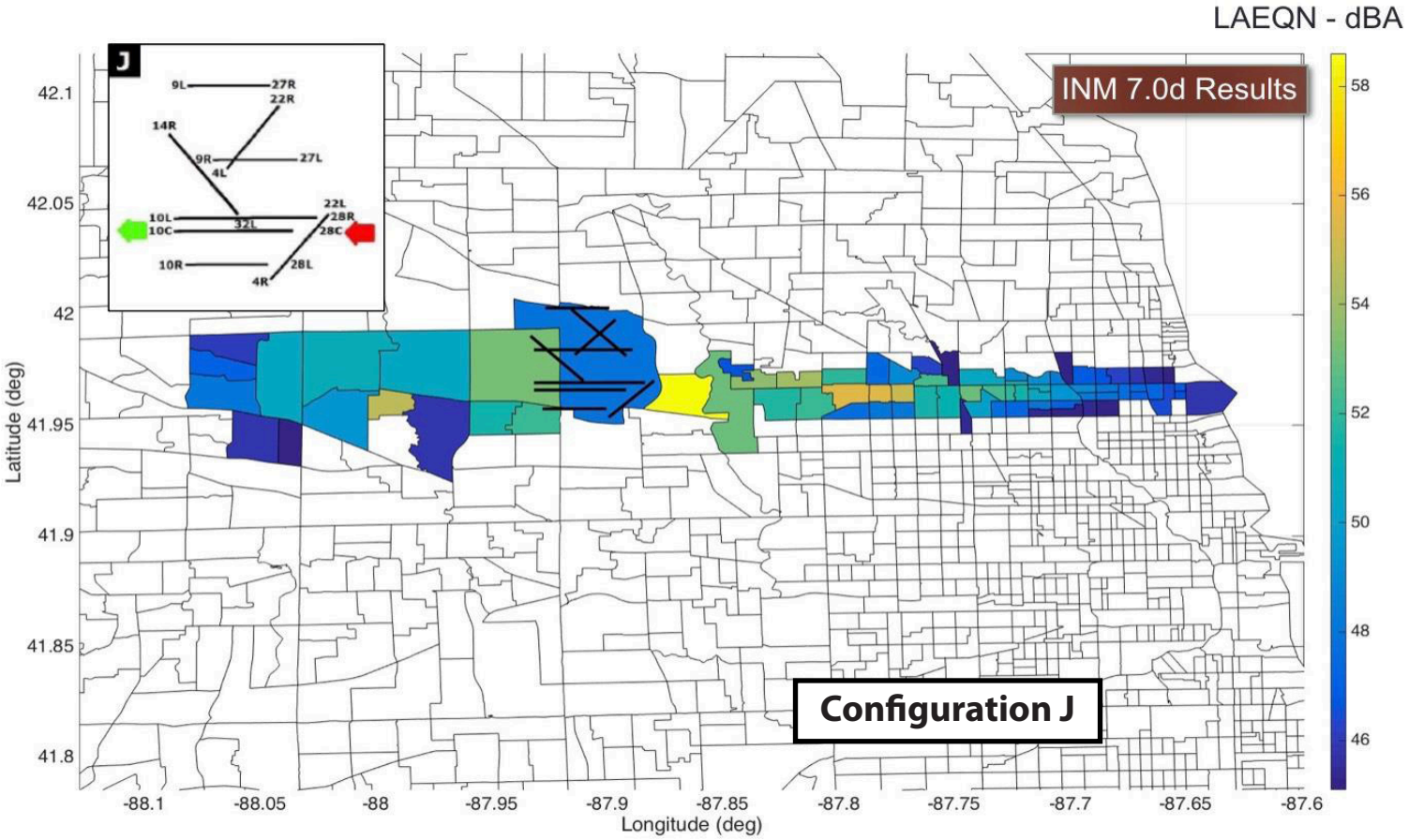
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We Need Your Feedback!

www.airportprojects.net/flyquiettest

The 6-month test for the overnight Runway Rotation Plan will take place from July 3 - December 24, 2016. In order to assess whether the rotation is providing the intended benefits, we need to hear from you!

SOC experts will continue to analyze flight paths and data from noise monitors, but this entire program is designed to bring noise relief to residents. If you're feeling a reduced impact from the noise, we need to know so that we can make the rotation permanent. If you're not feeling any noise relief, we need to know that too, so that we find out what's not working.

For the duration of the 6-month Rotation Plan test, the O'Hare Noise Compatibility Commission will host a survey which residents are encouraged to visit on a regular basis to report their feedback on overnight noise conditions. This data can then be aggregated on by time period and location and compared with the actual flight paths used during that time period to determine whether operations are having unanticipated impacts on residential neighborhoods.

Visit www.airportprojects.net/flyquiettest and let us know how the rotation plan is impacting you!