

LAX North Arrivals Affecting Monterey Park

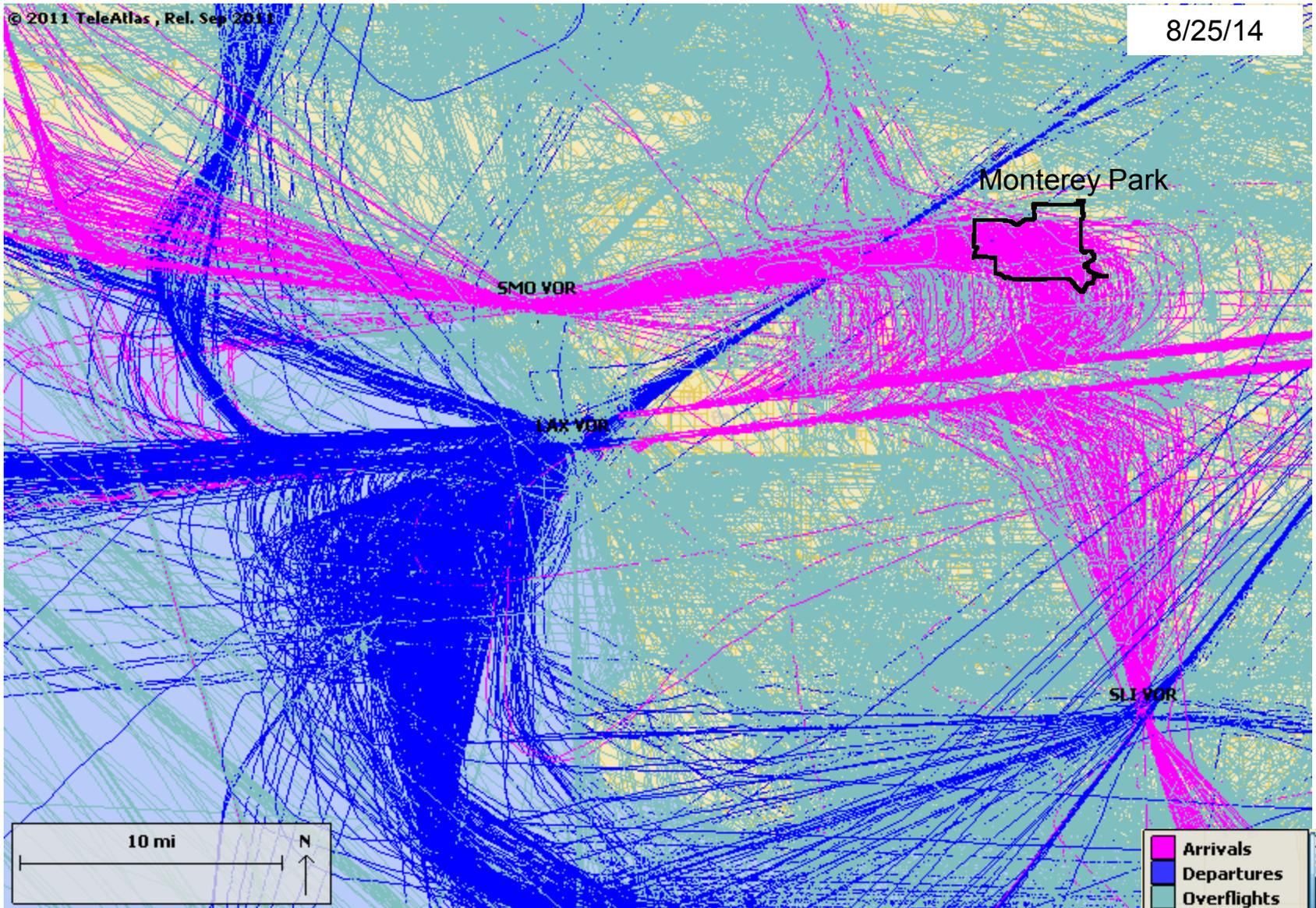
September 3, 2014

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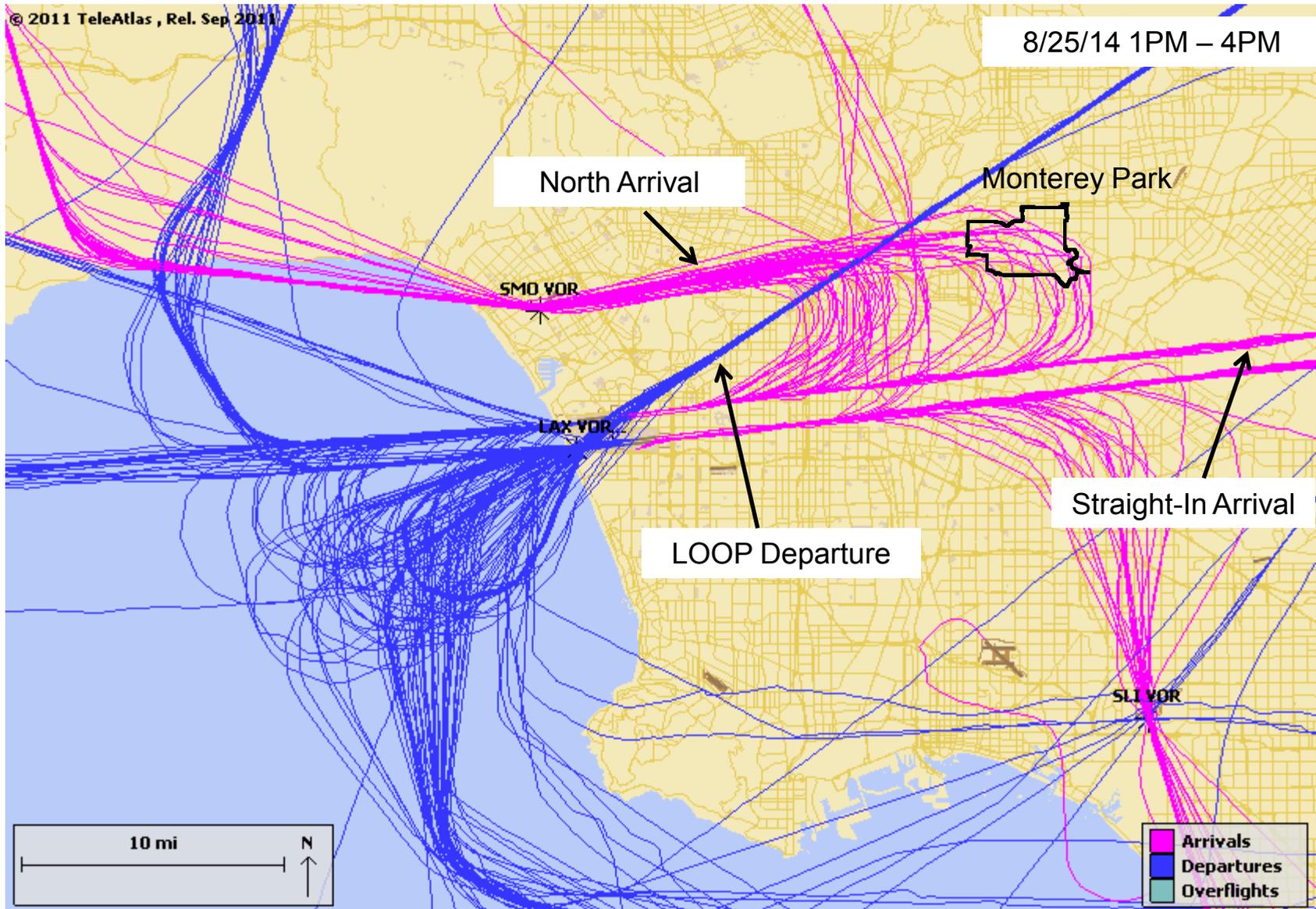
Overview

- Flight Patterns and Flight Procedures
- Statistics
- Noise Complaints
- LAX/Community Noise Roundtable
- Efforts to Reduce Noise at Monterey Park
- Limitations and Challenges
- Questions

One Day, 24-Hour Period – All Operations



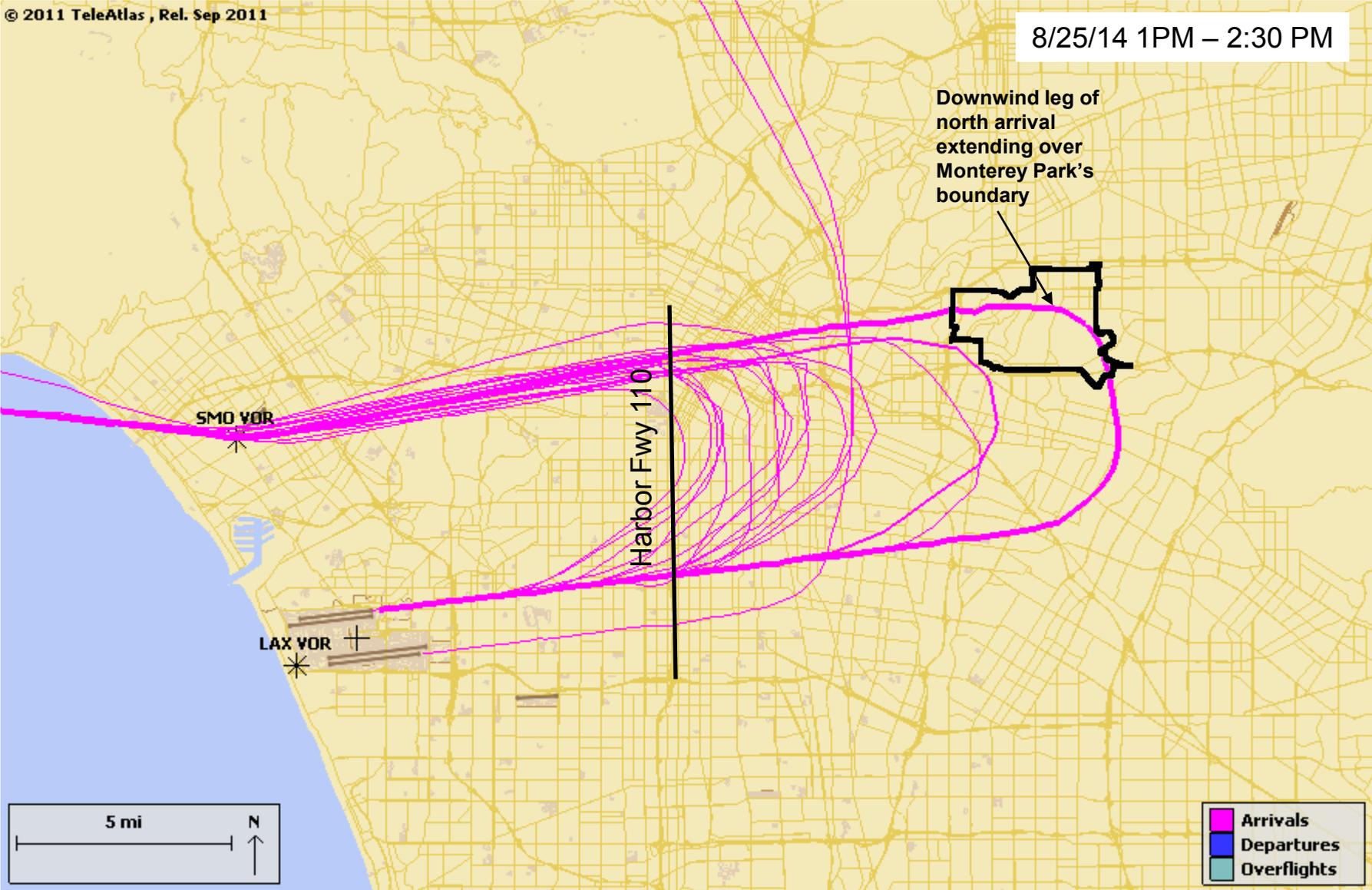
LAX Westerly Operations (6:30 AM – 11:59 PM)



LAX North Arrival

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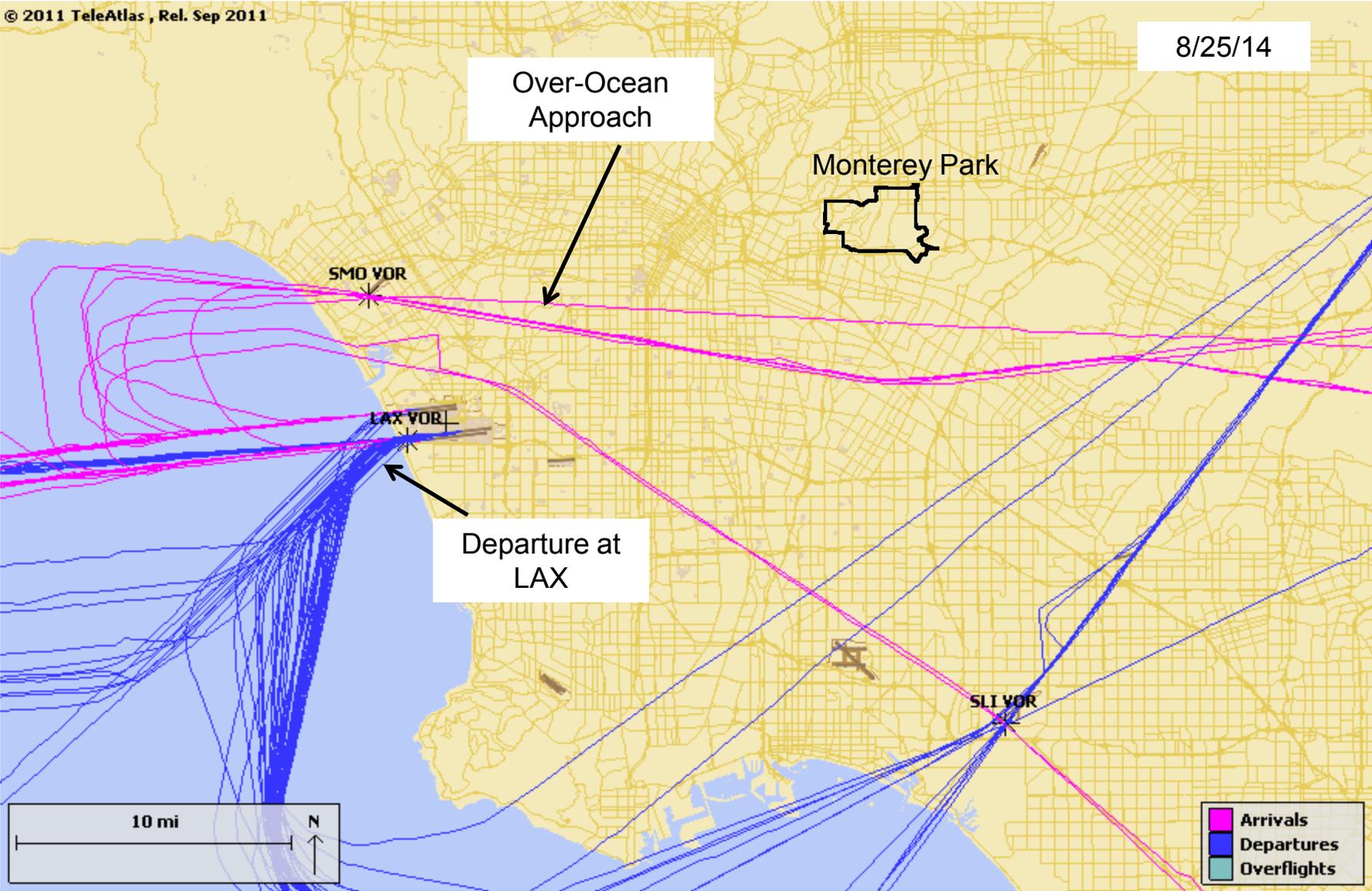
8/25/14 1PM – 2:30 PM



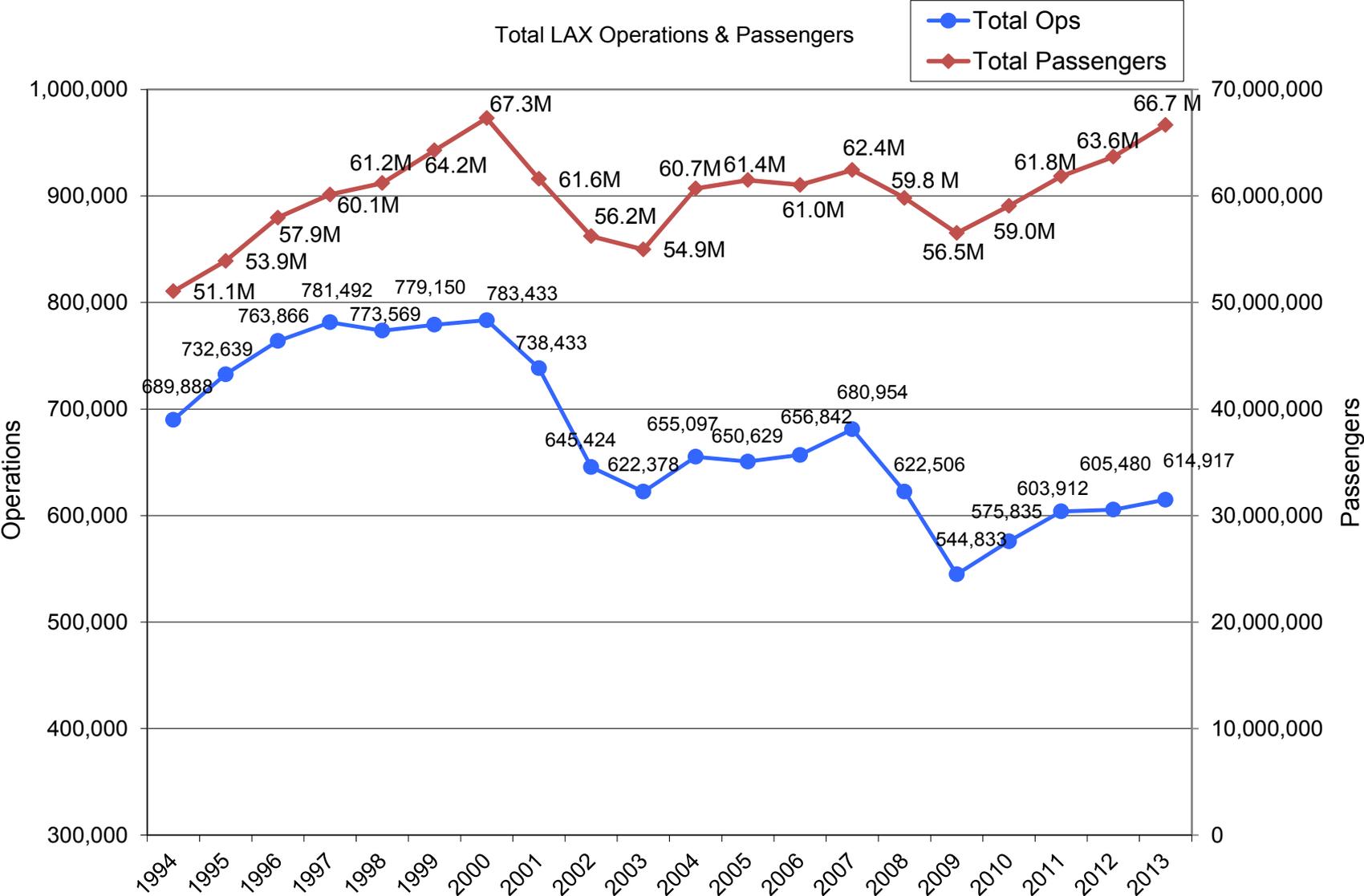
LAX Over-Ocean Operations (12 AM - 6:30 AM)

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8/25/14

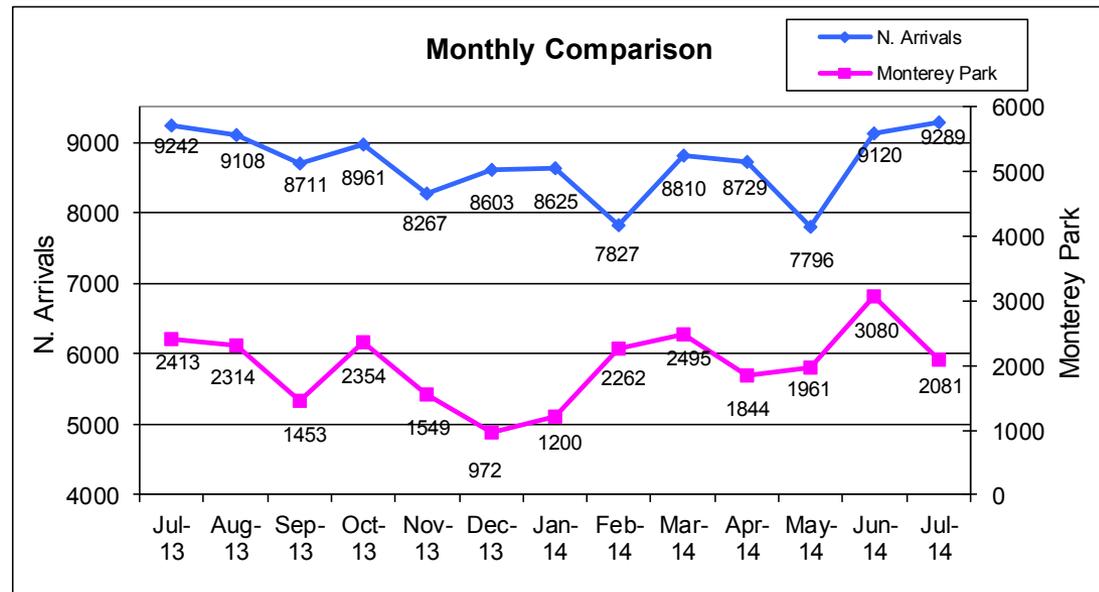
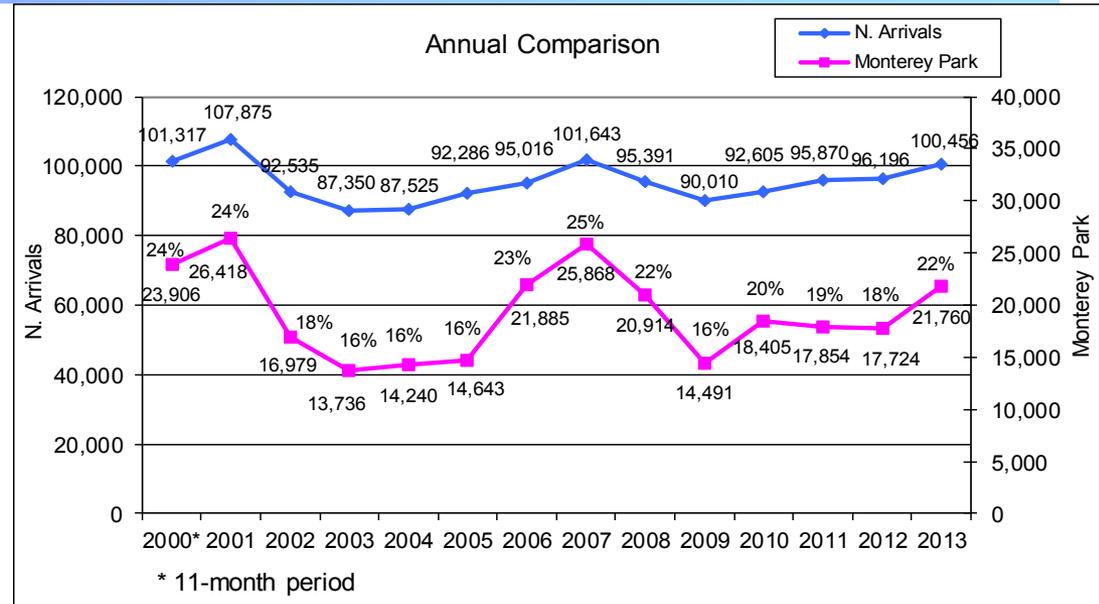
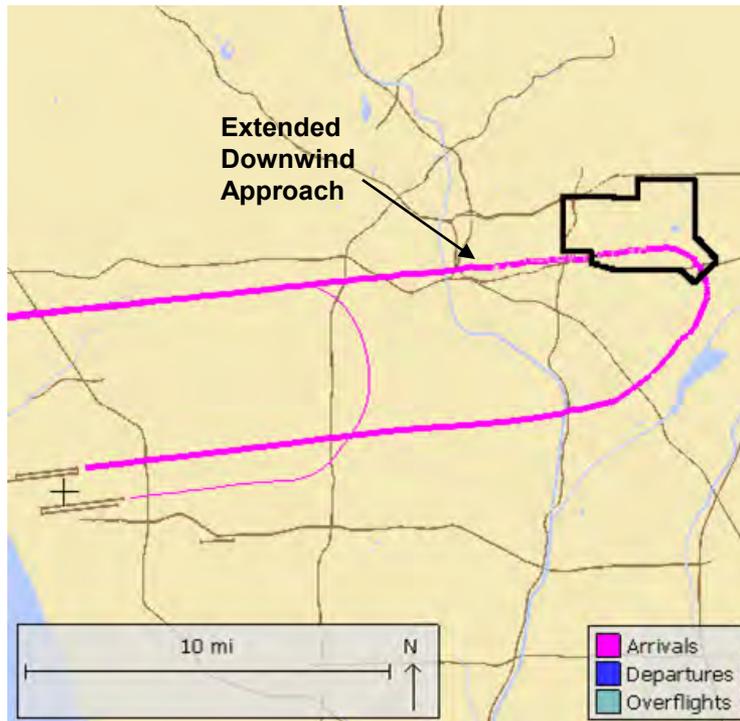


Total Operation & Passenger Trends



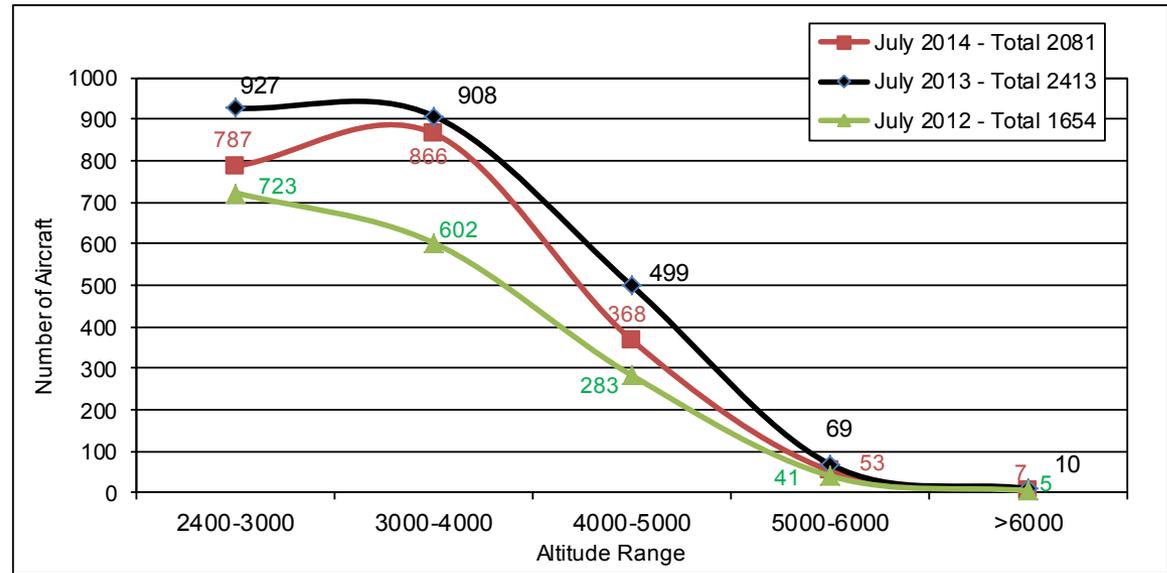
Extended Downwind Approach

Monitoring north arrivals extending downwind over Monterey Park boundary

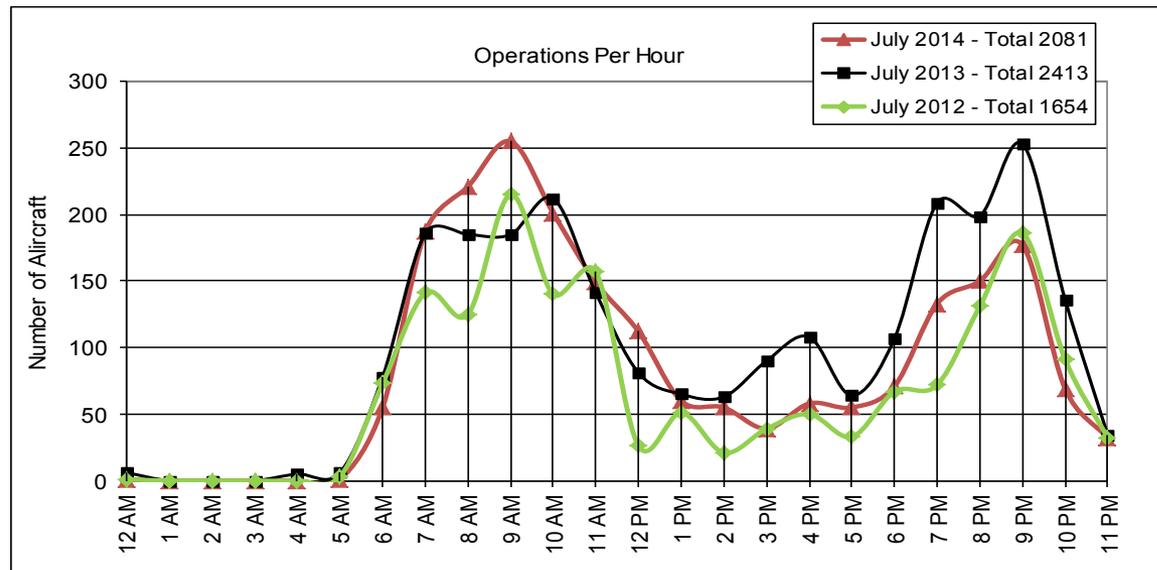


Extended Downwind Approach Aircraft Altitude and Hour of Operation

Altitude over Monterey Park



Number of Operations By Time of Day



Noise Complaints by City

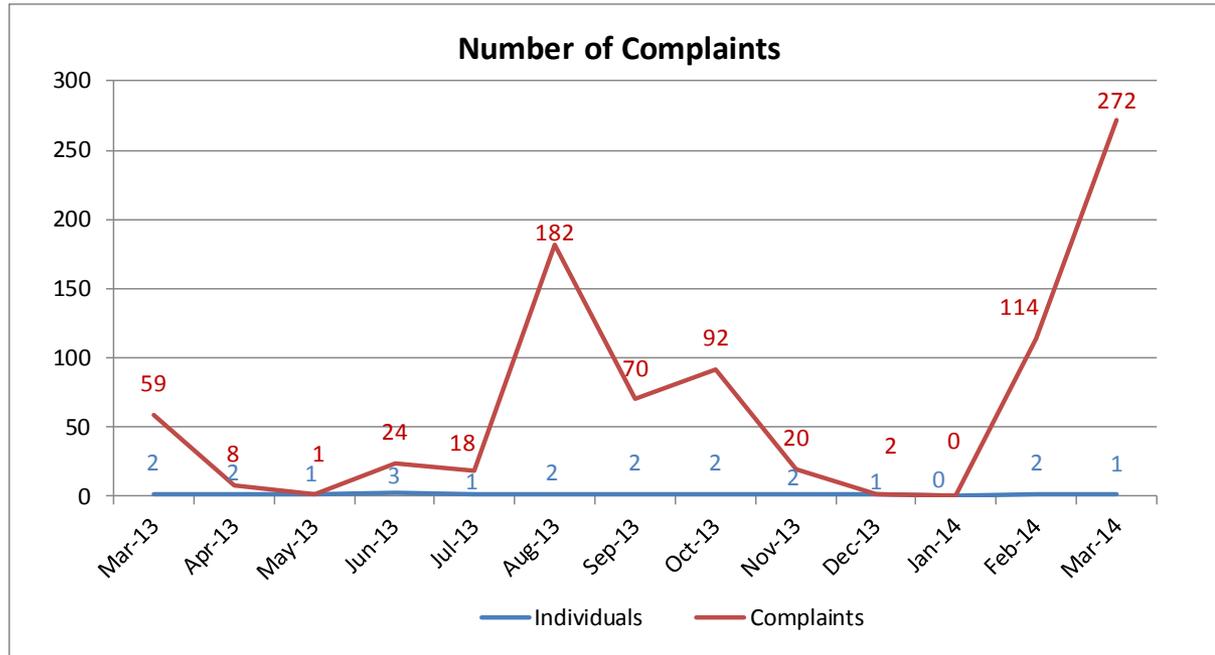
March 2014

Period: March 2014

City	Individuals	Complaints	Percentage of Complaints**
El Segundo	6	6	< 1%
Hawthorne	2	2	< 1%
Huntington Beach	1	1	< 1%
Inglewood	10	18	3%
Lakewood	1	6	< 1%
Lennox	1	2	< 1%
Los Angeles	13	274	42%
Manhattan Beach	5	18	3%
Monterey Park	1	272	42%
Murrieta	1	1	< 1%
Rancho Palos Verdes	1	1	< 1%
Redondo Beach	1	1	< 1%
Rosemead	2	2	< 1%
Torrance	4	7	1%
Unknown	3	3	< 1%
Westchester	1	2	< 1%
Whittier	2	2	< 1%
Anonymous	NA	27	4%
TOTAL	55	645	0 10 20 30 40 50 60 70 80 90 100

** All percentages are rounded to the nearest whole number.

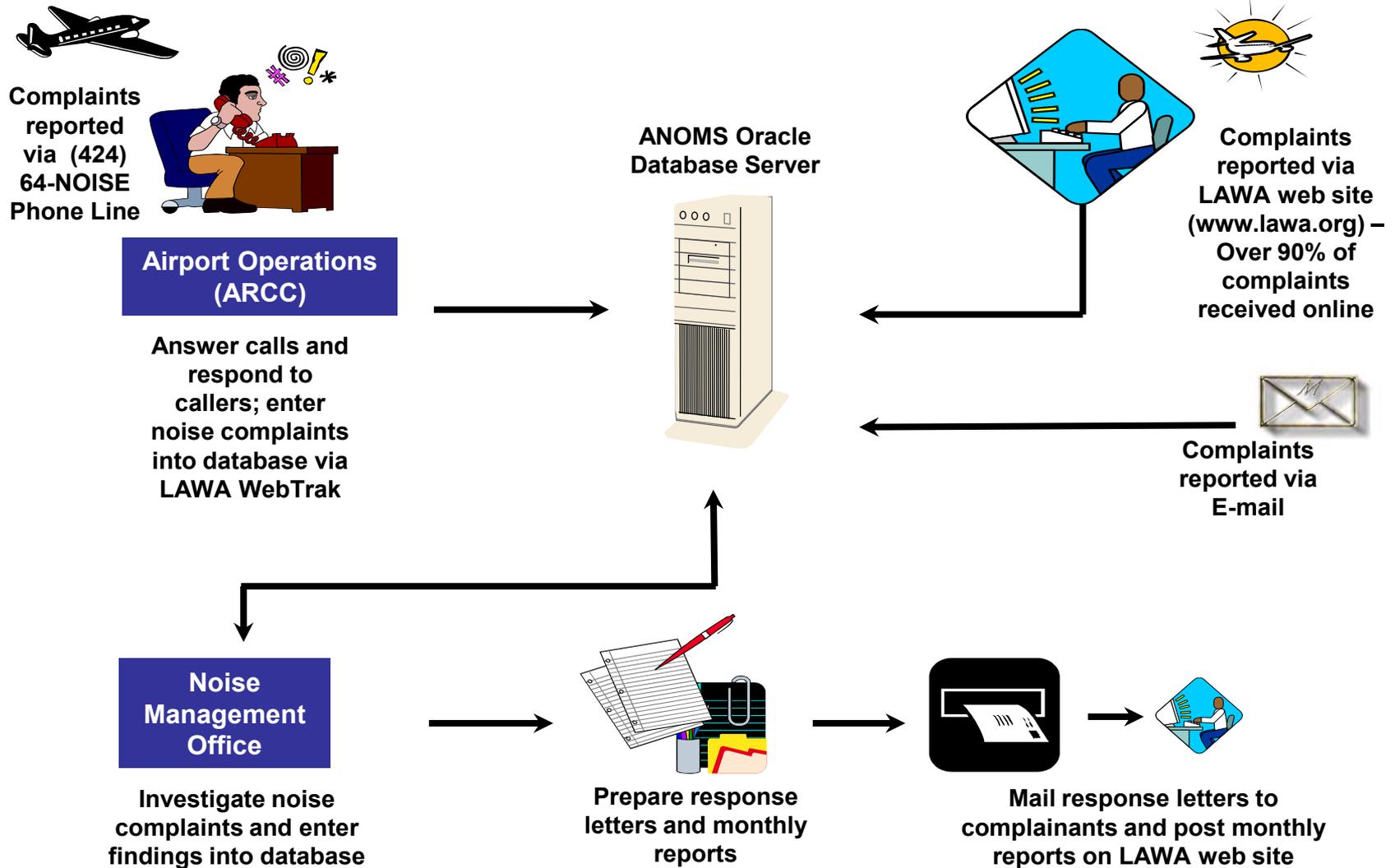
Noise Complaints from Monterey Park 13-Month Period



**Type of Disturbance
13-Month Period (Mar 2013 to Mar 2014)**

Disturbance	Count
Loud noise	853
Low flying	6
Too frequent	2
Go-around	1

LAX Noise Complaint Process



- The LAX/Community Noise Roundtable is a community forum comprising of:

- elected officials
- congressional representatives
- community groups
- Airlines
- Federal Aviation Administration (FAA)
- Los Angeles World Airports (LAWA)



- City of Monterey Park is a long time member of the Roundtable.
- Work Program - The Work Program describes specific aircraft operations that cause noise impacts to the communities near LAX and the efforts to mitigate them. It also defines other noise issues and efforts.
- Extended Downwind Approach is one of the Roundtable's work program items. (Work Program Item A7)
- The Roundtable meets at 7 PM on the 2nd Wednesday of every odd numbered month.
- All materials including meeting agendas, recaps, presentations, work program, and by-laws are available online at <http://www.lawa.org/LAXNoiseRoundTable.aspx>

Efforts to Reduce Noise at Monterey Park, (continued)

- 1998 – LAWA began monitoring Extended Downwind Approach operations. (FAA SoCal Task Force)
- 1999 – FAA took action to improve controller planning and sequencing to reduce Monterey Park overflights.
- LAWA conducted before and after analysis of the FAA actions, which led to about 7% improvement; LAWA noise measurements at Monterey Park were below 65 dB CNEL.
- City of Monterey Park hired a consulting firm to examine the noise situation and to provide recommendations to further reduce noise exposure.
- 2002 – The Noise Roundtable submitted a letter to FAA requesting consideration of said recommendations.
- 2003 – FAA did not implement the suggested measures and indicated that the only possible solution to this problem may be available through the Airspace Redesign process.

Efforts to Reduce Noise at Monterey Park, (continued)

- 2005 – FAA undertook the Airspace Redesign Project, then stopped due to funding cuts.
- 2011 – FAA initiated the *Optimization of Airspace and Procedures in the Metroplex* (OAPM) project, which is similar to the Airspace Redesign Project.
- 2012 – The Noise Roundtable submitted a letter to FAA to consider including in the OAPM specific changes to aircraft flight procedures at LAX that may help reduce noise.

The Roundtable's Recommendations for Monterey Park include:

- Increase the minimum altitude as much as possible for aircraft on the extended downwind and base legs of the approach to reduce noise exposure for Monterey Park residents.
- Explore options to reduce the requirement of using the extended downwind approach as a way to minimize overflights over Monterey Park.

Efforts to Reduce Noise at Monterey Park, (continued)

Current Status –

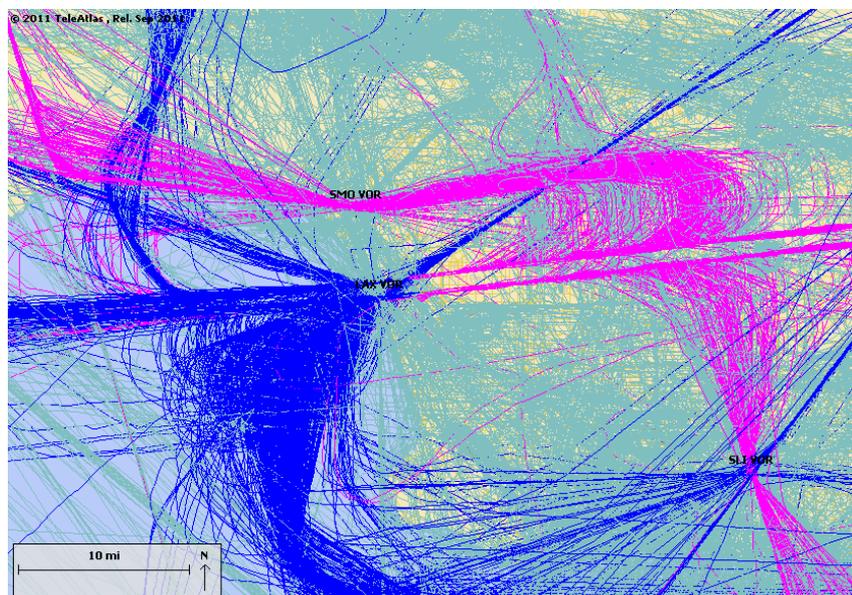
The FAA is finished with the procedure design process for the OAPM project and is currently going through the environmental review process.

Expected completion of the environmental review is mid 2015. FAA plans to share the results with the Roundtable and the public at that time.

Limitations and Challenges

Making changes to flight procedures for noise abatement is challenging due to the following factors:

- Airports do not have the authority to govern aircraft operations. FAA has the sole authority to control flight operations in the air and on the ground.
- Complex and congested airspace system
- Shifting noise from one community to another
- The FAA must determine whether increasing aircraft altitude in a given area is acceptable or may impact other aircraft operations



Questions?