

Southern California TRACON and SAN ATCT



Federal Aviation
Administration



Presented To:
San Diego Mayor Kevin Faulconer
November 16, 2015

PRESENTERS

Barry Davis

*Air Traffic Manager
Southern California TRACON*

Rick Savage

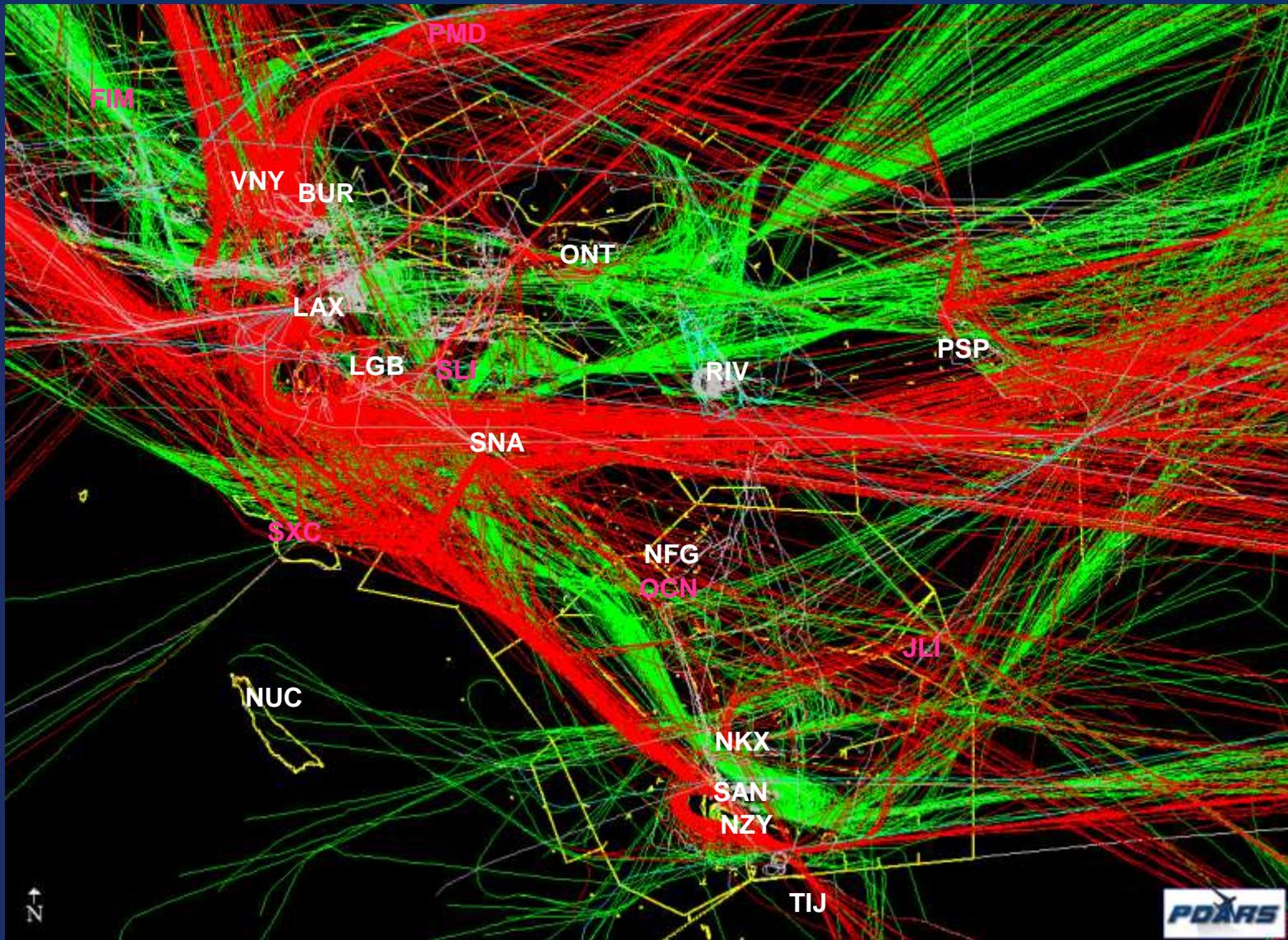
*Air Traffic Manager
San Diego International Airport*

Ron Cagle

*Airspace and Procedures Support Manager
Southern California TRACON*



Example of One (1) Days Jet Flight Tracks –



SOUTHERN CALIFORNIA TRACON

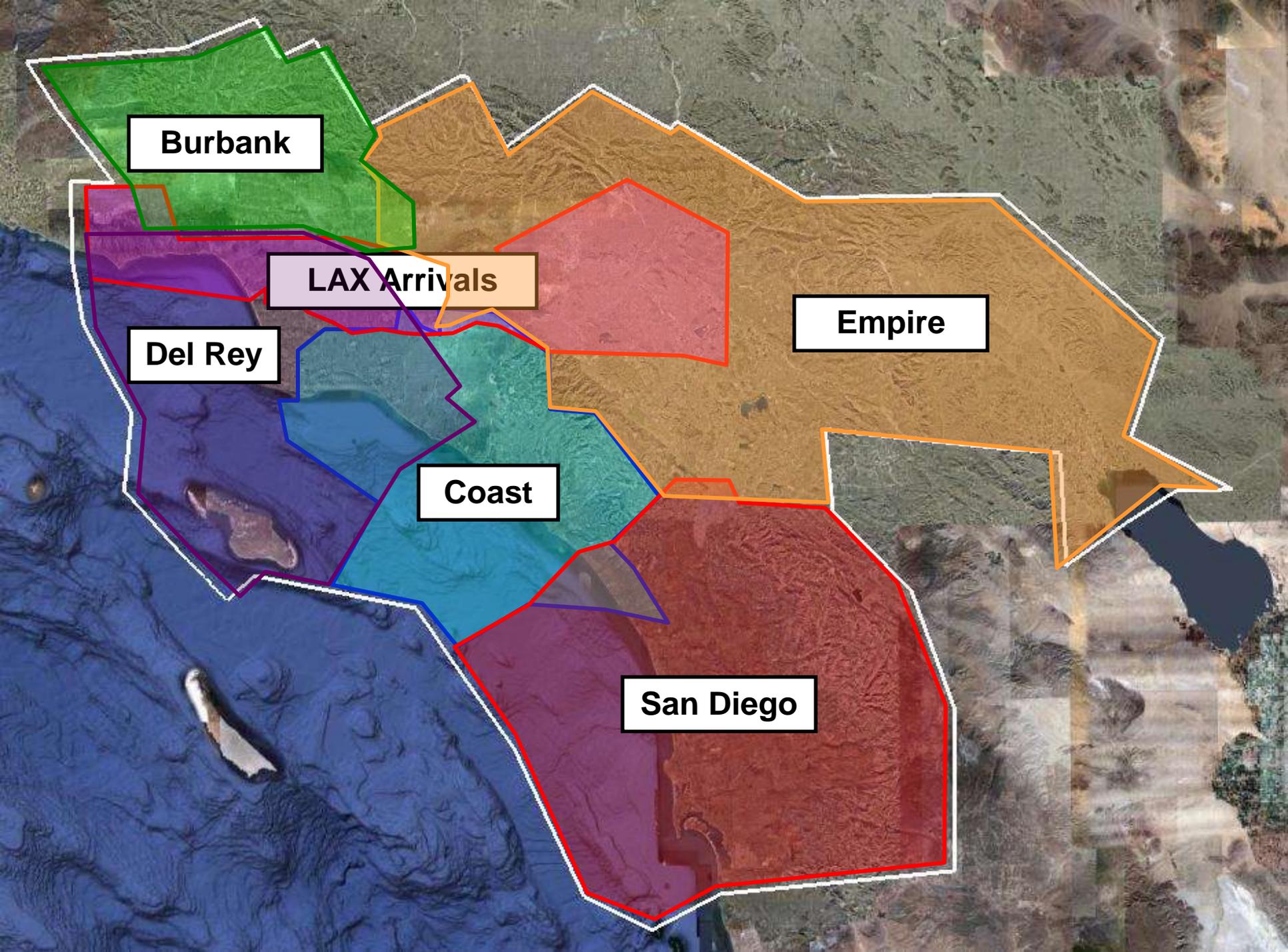
SCT is a consolidation of 5 of the FAA's high activity TRACONs, and Palm Springs TRACON.

These 6 TRACONS have formed SCT's current 6 Areas:

BURBANK TRACON.....	BURBANK AREA
LOS ANGELES TRACON.....	ARRIVALS AREA
LOS ANGELES/COAST TRACONS.....	DEL REY AREA
ONTARIO TRACON.....	EMPIRE AREA
COAST TRACON.....	COAST AREA
SAN DIEGO TRACON.....	SAN DIEGO AREA

SCT airspace covers an area ranging from the Mexican border to a point just south of Santa Barbara, and from a point west of Santa Catalina Island to a point east of Thermal (TRM).





Burbank

LAX Arrivals

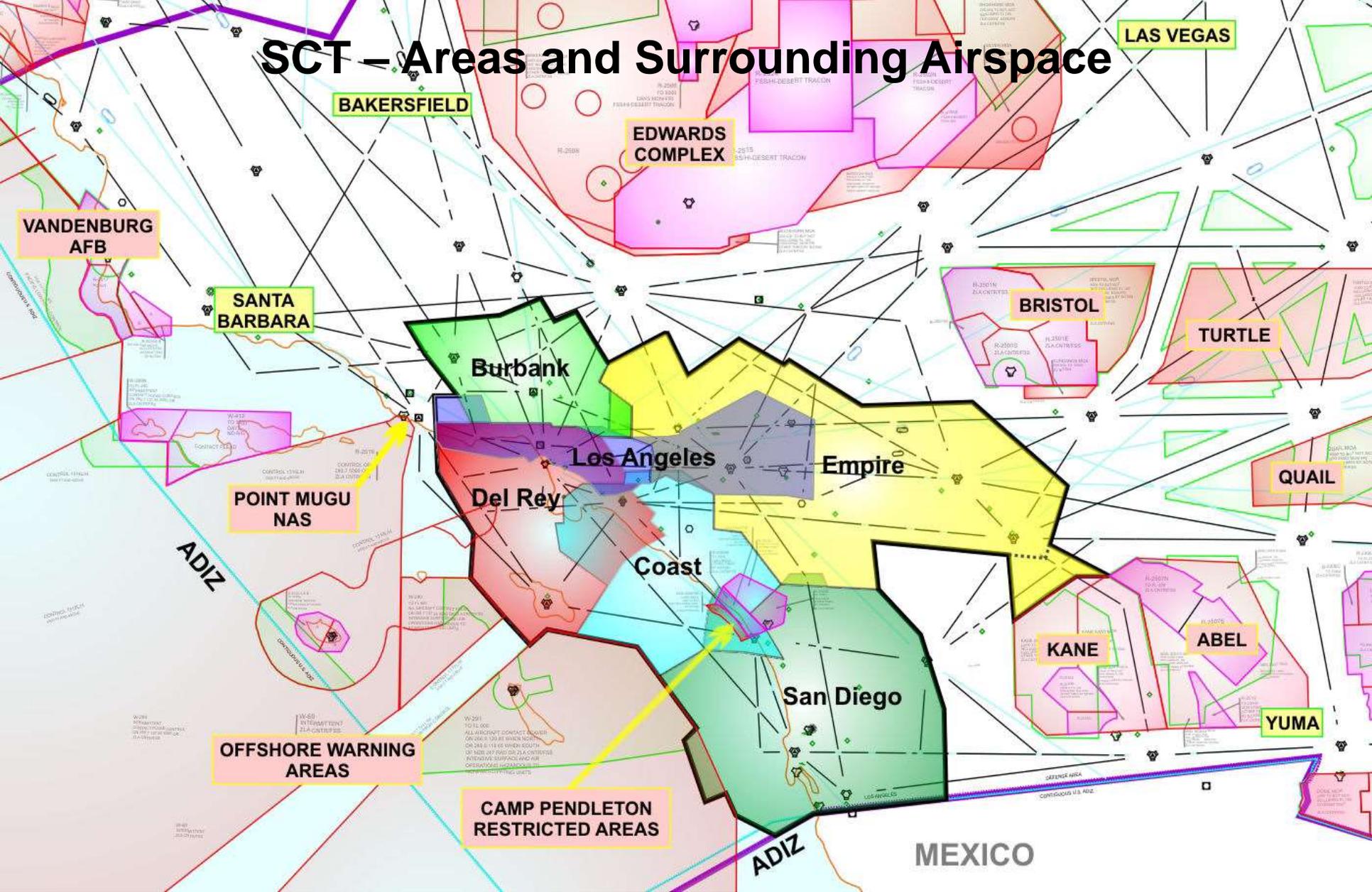
Del Rey

Coast

San Diego

Empire

SCT – Areas and Surrounding Airspace



VANDENBURG AFB

BAKERSFIELD

LAS VEGAS

EDWARDS COMPLEX

SANTA BARBARA

BRISTOL

TURTLE

Burbank

Los Angeles

Empire

QUAIL

POINT MUGU NAS

Del Rey

Coast

ADIZ

KANE

ABEL

San Diego

YUMA

OFFSHORE WARNING AREAS

CAMP PENDLETON RESTRICTED AREAS

MEXICO

ADIZ



STANDARD OPERATING PROCEDURES

11-13-2. SECTOR SPECIFIC DUTIES AND RESPONSIBILITIES

b. Departures

(1) Runway 27. Unless required for separation purposes, SAN turbojet departures must not be vectored off the initial route until one and one half (1 ½) miles west of the shoreline. Additionally, aircraft routed south and east bound must be vectored to pass over or south of Fort Rosecrans. These restrictions are represented on the radar video map as a series of dots.

(2) Runway 9/27.

(a) Unless required for separation purposes, SAN turbojet departures must not be vectored off the initial route until west of the shoreline. Additionally, aircraft routed south and east bound must be vectored to pass over or south of Fort Rosecrans. These restrictions are represented on the radar video map as a series of dots.



SCT/SANT LOA

(8) Between the hours of 2200 and 0630 local, departures normally assigned a 275 degree heading shall be assigned a 290-degree heading for vectors to the next fix. Departures normally assigned a BORDER / POGGI SID shall be assigned a 290-degree heading for vectors to the BORDER / POGGI SID.

Missed Approach's

1. Aircraft on a published instrument approach (for either runway), issue the published missed approach.
2. Aircraft on a visual approach:
 - a. Runway 27: Heading 275, maintain 2500 feet.
 - b. Runway 9: Heading 090, maintain 4000 feet.
3. Runway 27: Heading 250/Maintain 2500 ft. MSL. Tower may assign this heading prior to coordination with TRACON. Tower shall coordinate as soon as practical with TRACON if this heading is assigned.



NOISE ABATEMENT PROCEDURES

Controller Briefings

Periodically SCT re-briefs the controller workforce on noise abatement procedures.

The San Diego Area received a briefing on the San Diego Lindbergh noise abatement procedures outlined in the SCT SOP and SCT/SANT LOA on **OCT 14, 2015**



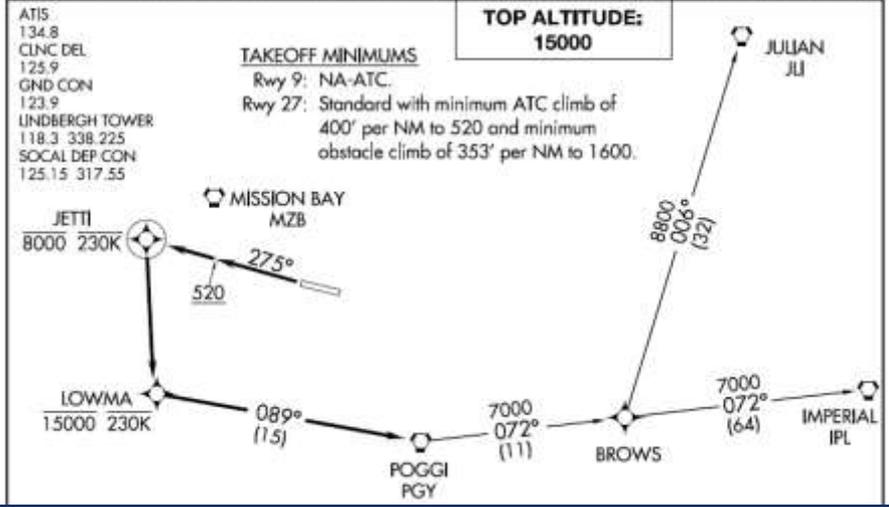


(POGGI.PGY) 15232

POGGI FIVE DEPARTURE (RNAV)

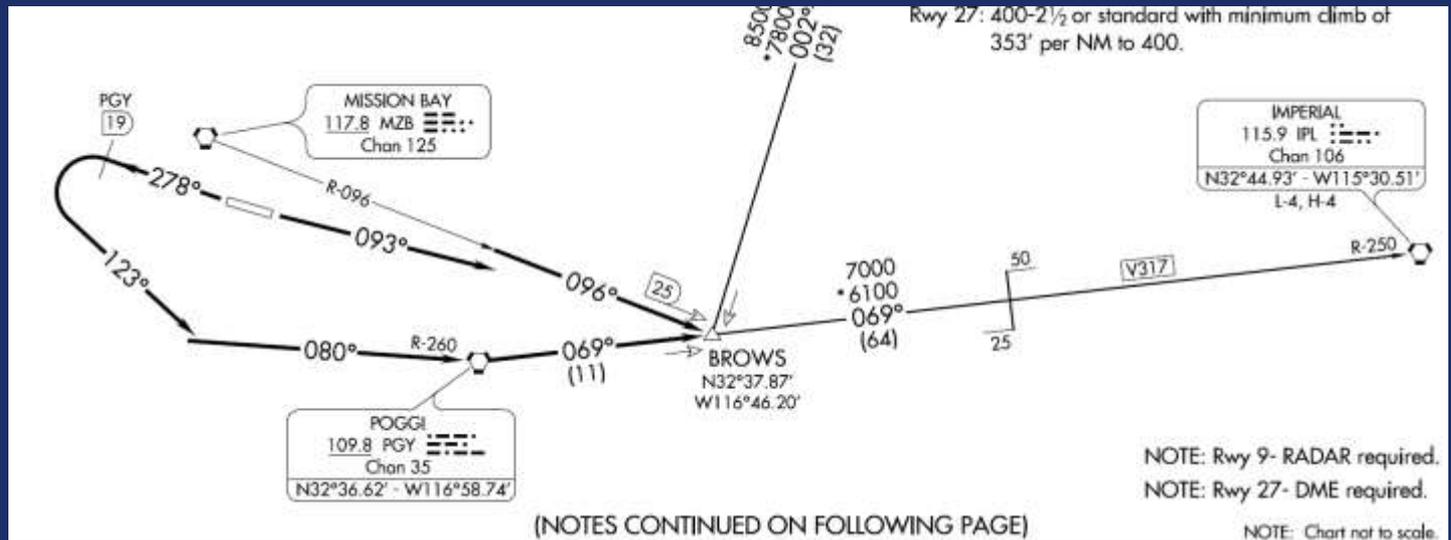
SI-373 (FAA)

SAN DIEGO INTL (SAN)
SAN DIEGO, CALIFORNIA



POGGI FIVE

BORDER SEVEN



Federal Aviation Administration

Point Loma



POGGI SID Review

(Jet Only)

Feb 1 – 7

June 15 – 21

Sept 20 – 26

Nov 24 – 30

2010, 2011, 2012, 2013, 2014, 2015

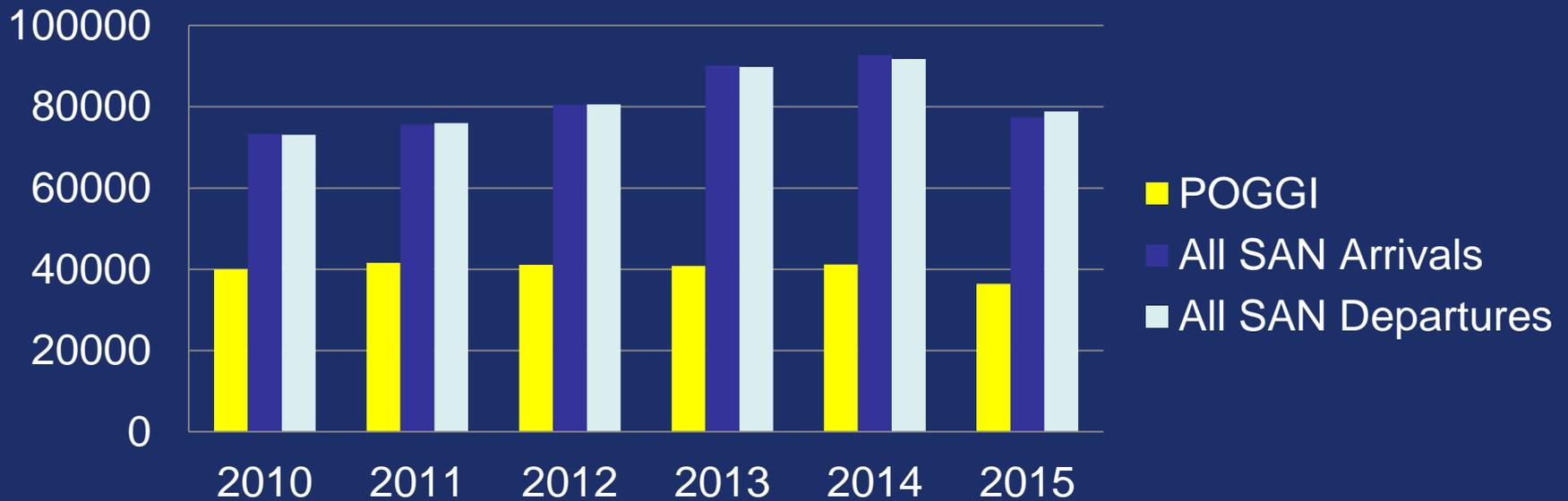


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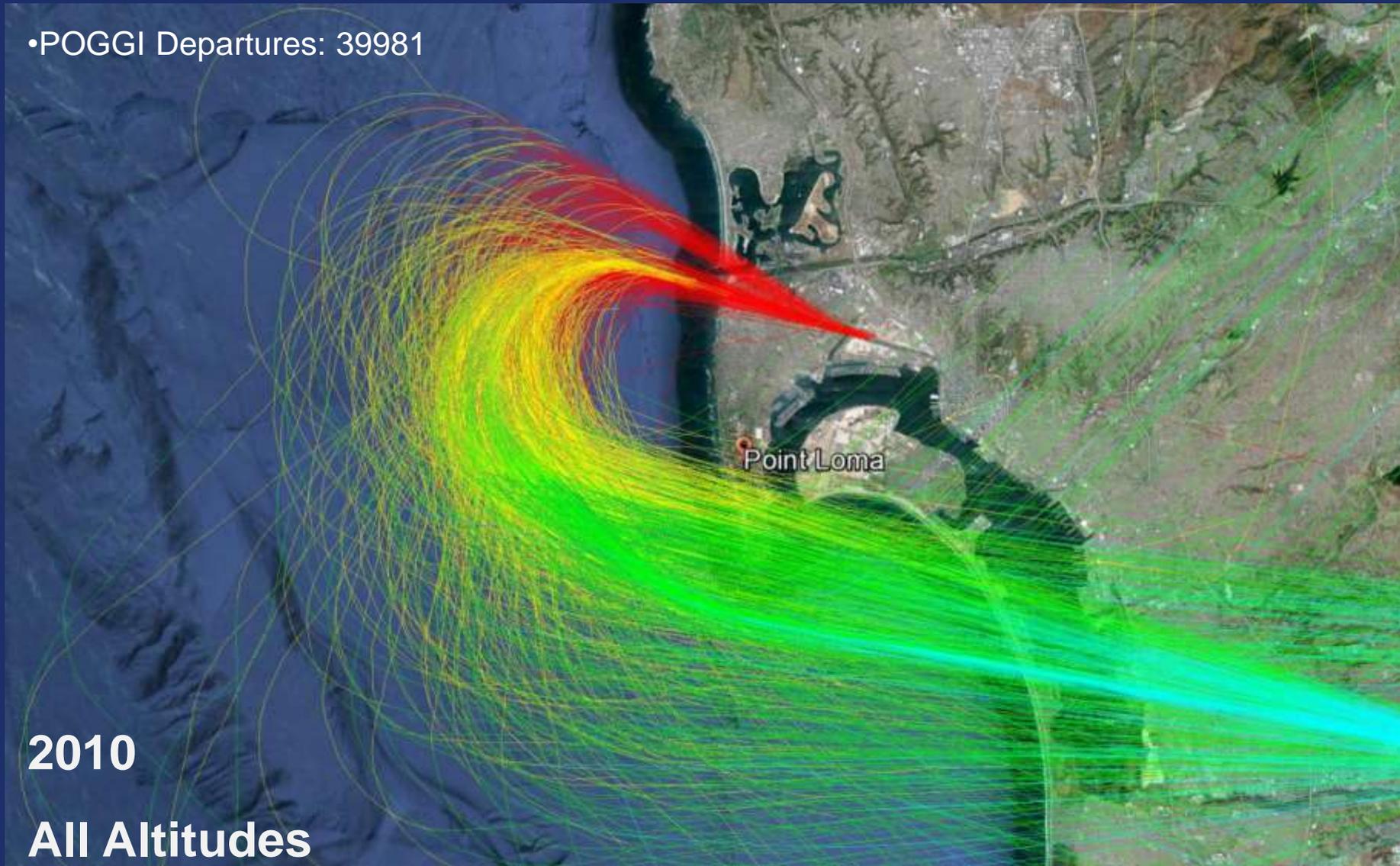


Year	All SAN Arrival	All SAN Departures	POGGI Departures
2010	73288	73113	39981
2011	75708	75986	41564
2012	80529	80576	41103
2013	90197	89792	40829
2014	92761	91764	41172
2015	77418	78835	36394
Grand Total	489901	490066	241043

SAN Traffic Counts



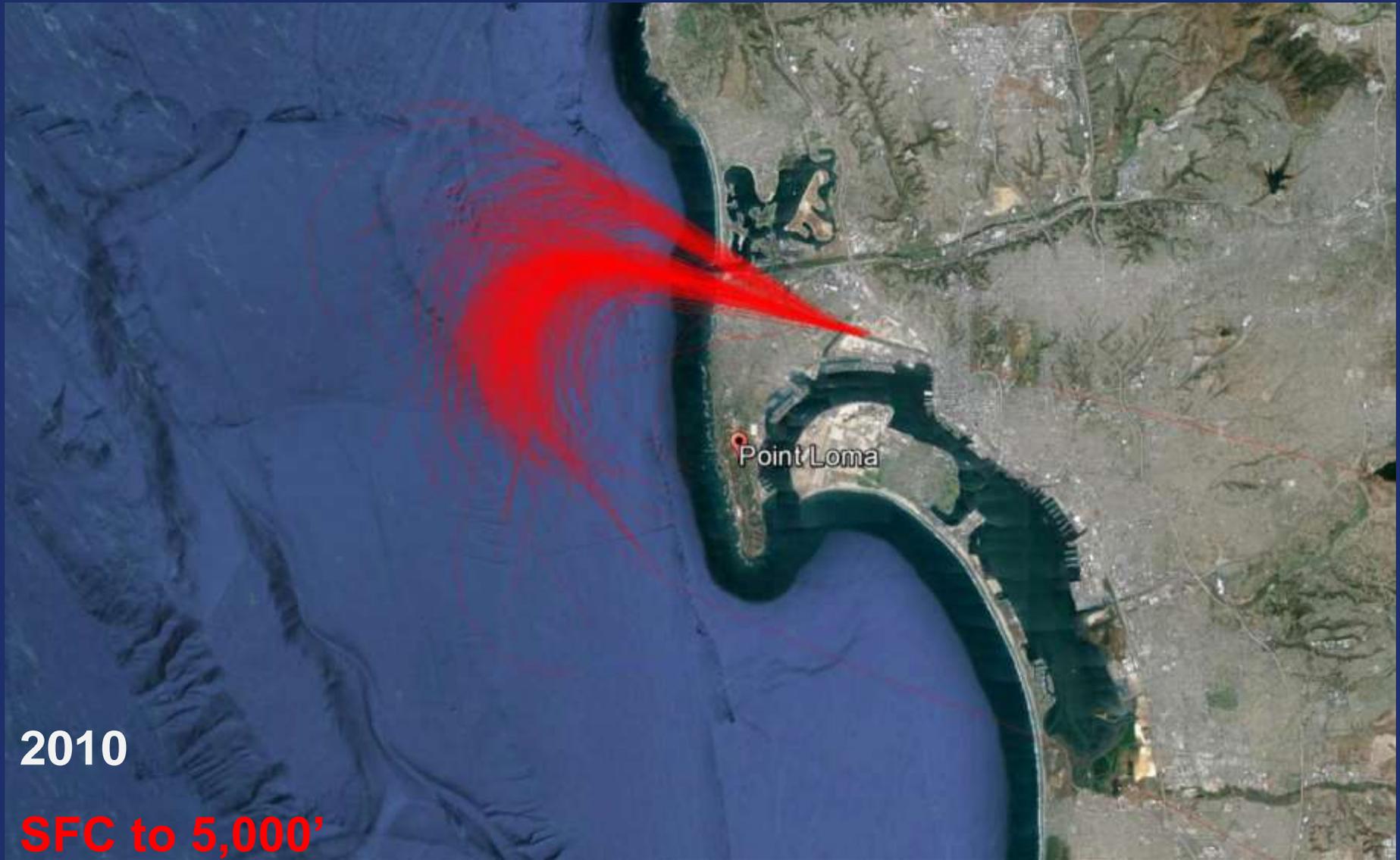
•POGGI Departures: 39981



2010

All Altitudes

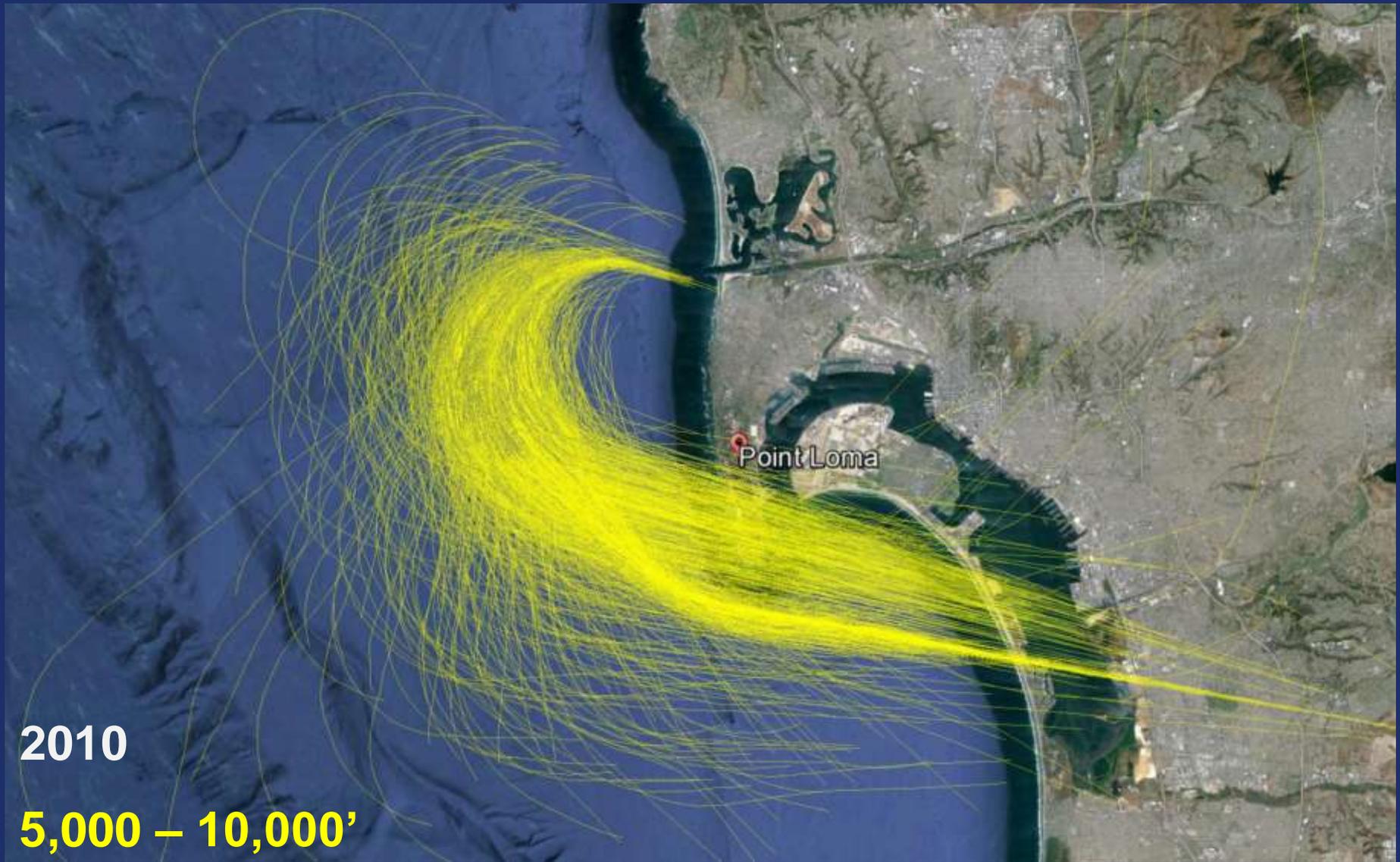




2010

SFC to 5,000'



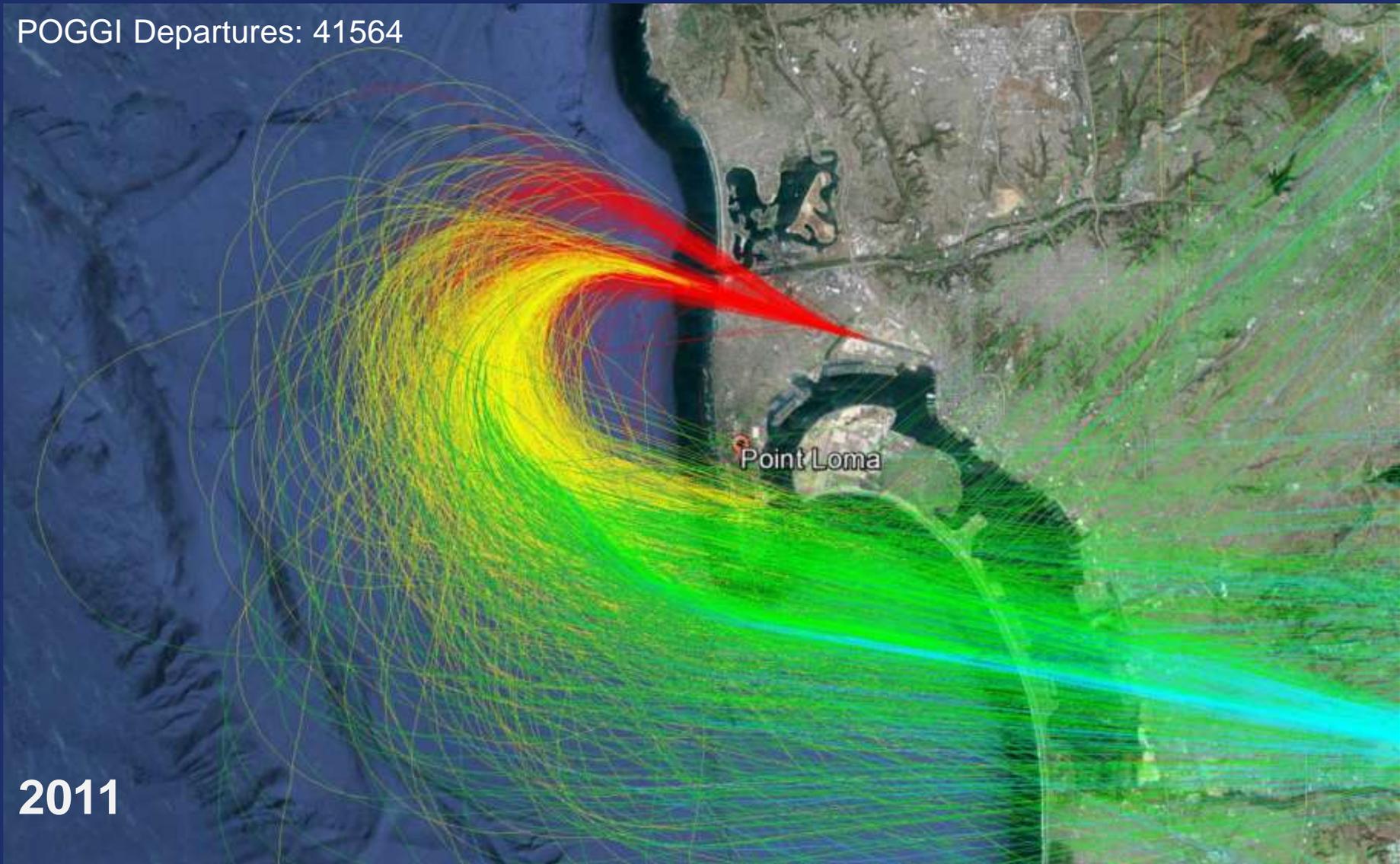


2010

5,000 – 10,000'



POGGI Departures: 41564

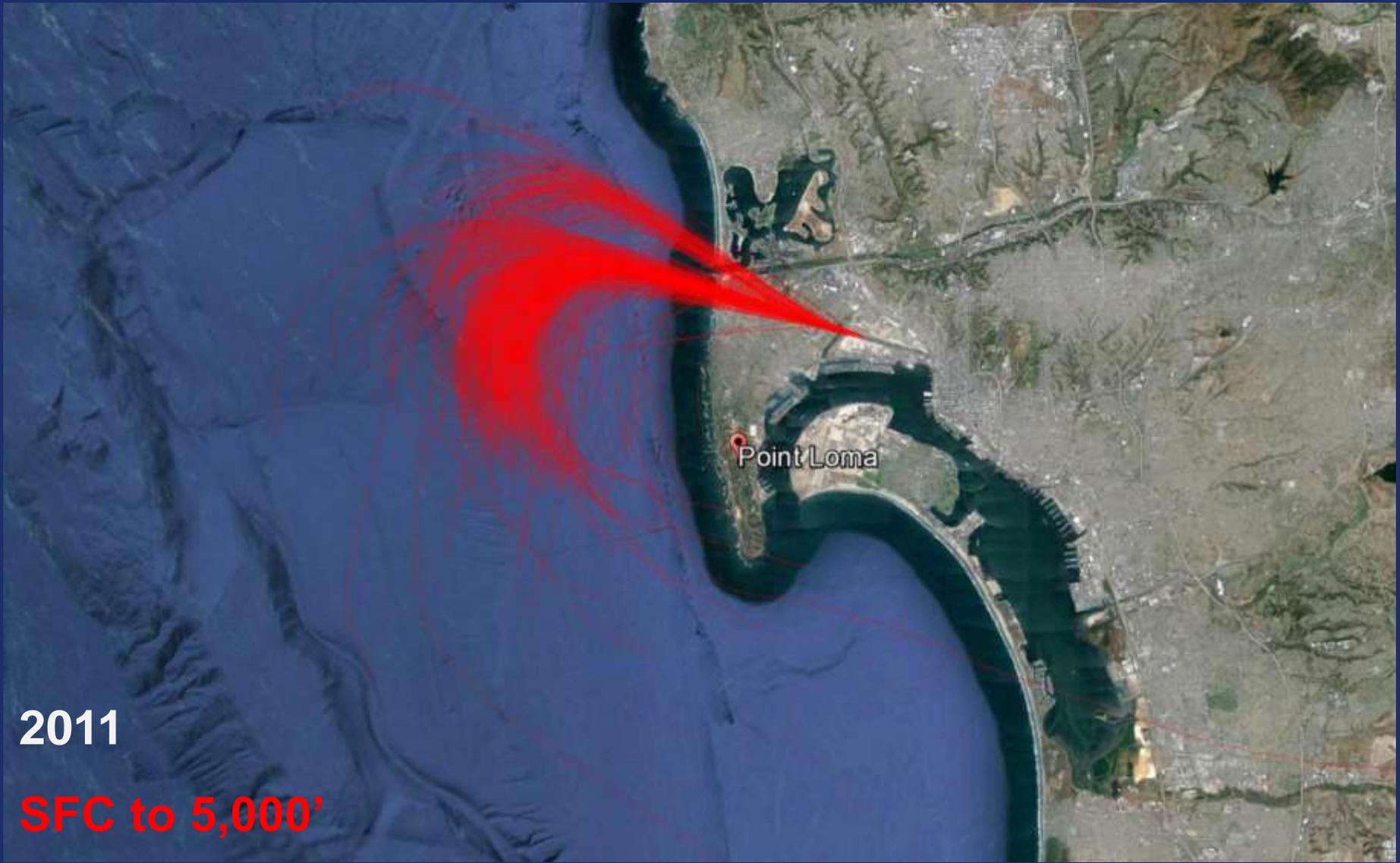


2011

All Altitudes



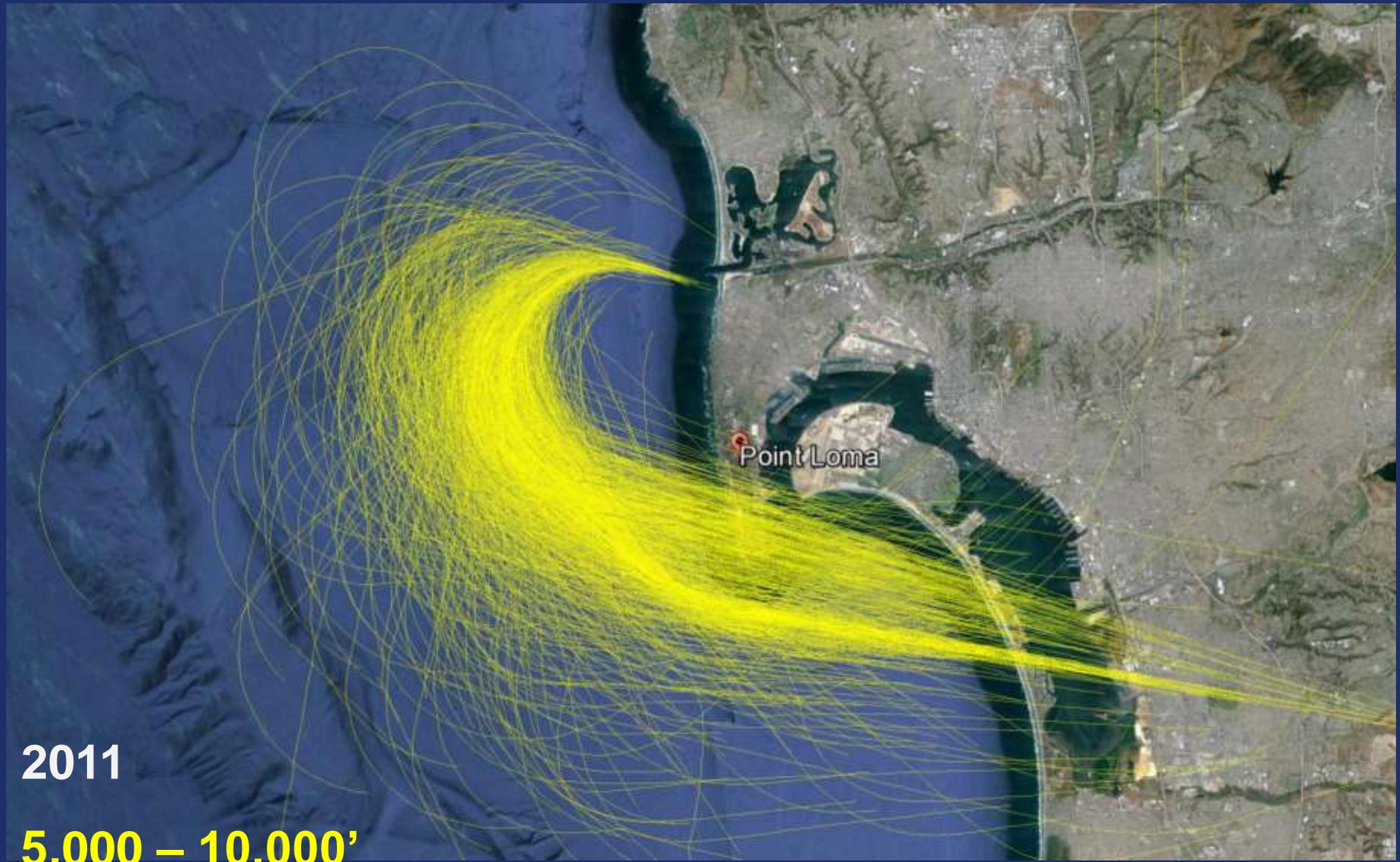
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2011

SFC to 5,000'



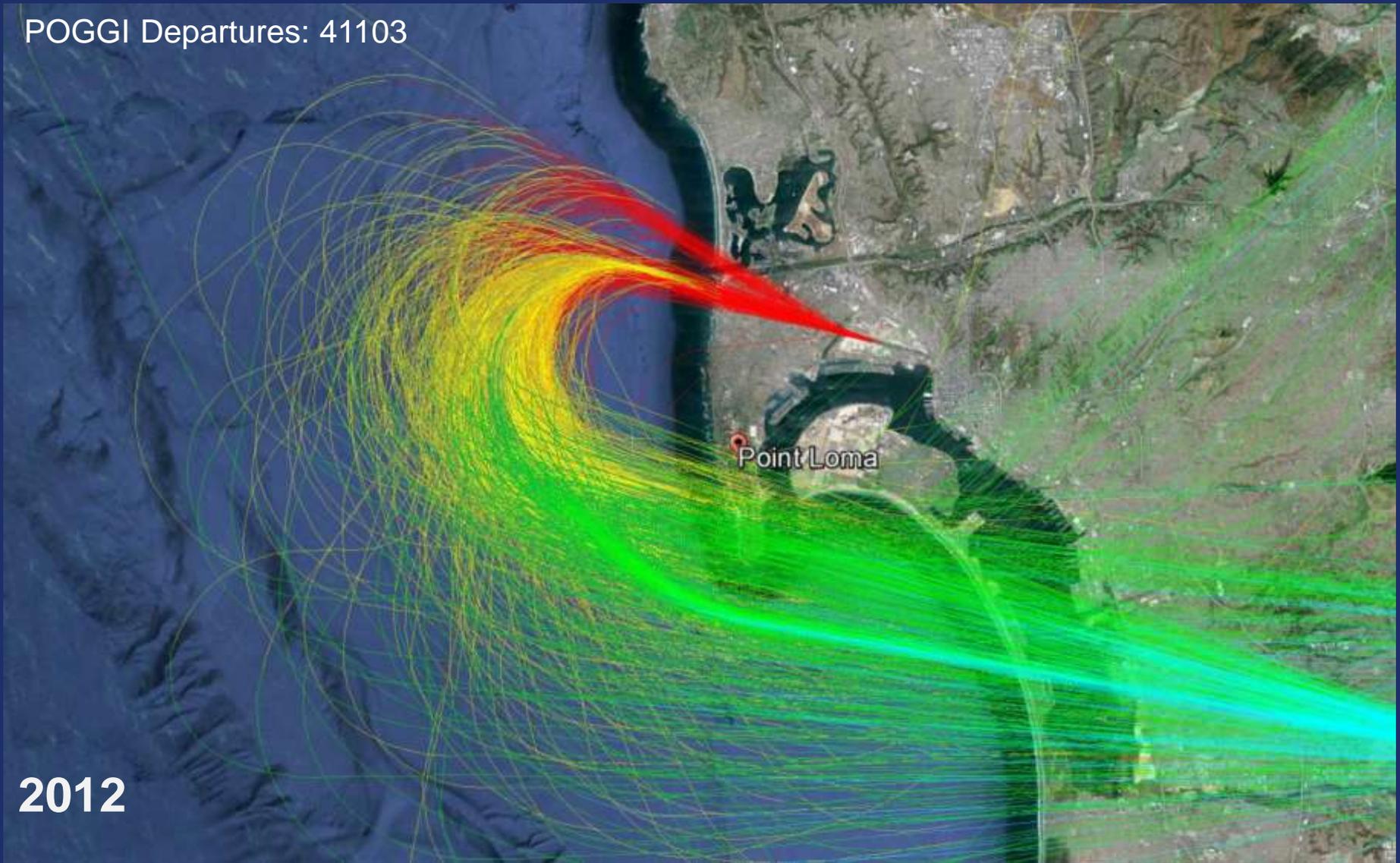


2011

5,000 – 10,000'



POGGI Departures: 41103

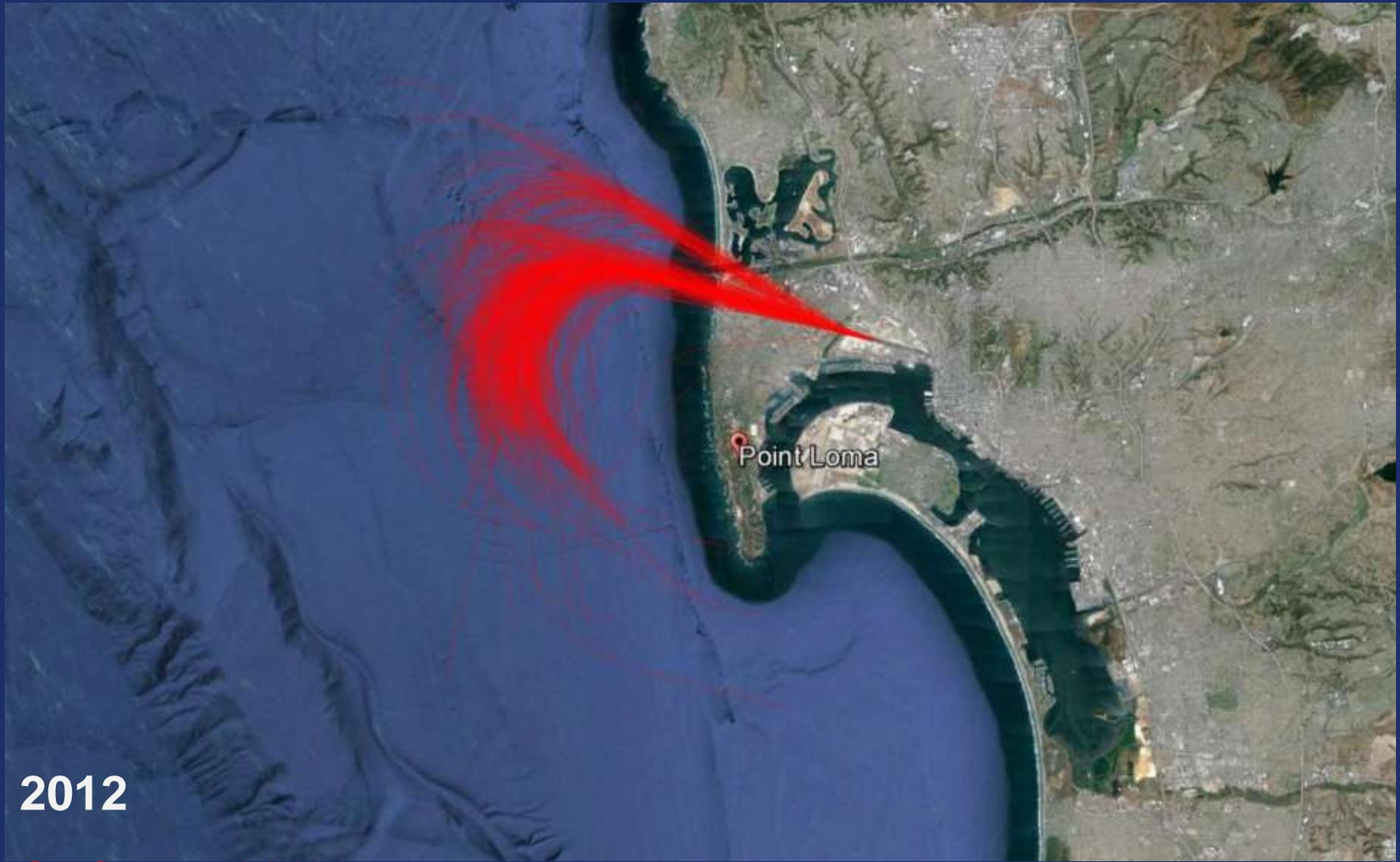


2012

All Altitudes



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2012

SFC to 5,000'



Federal Aviation Administration

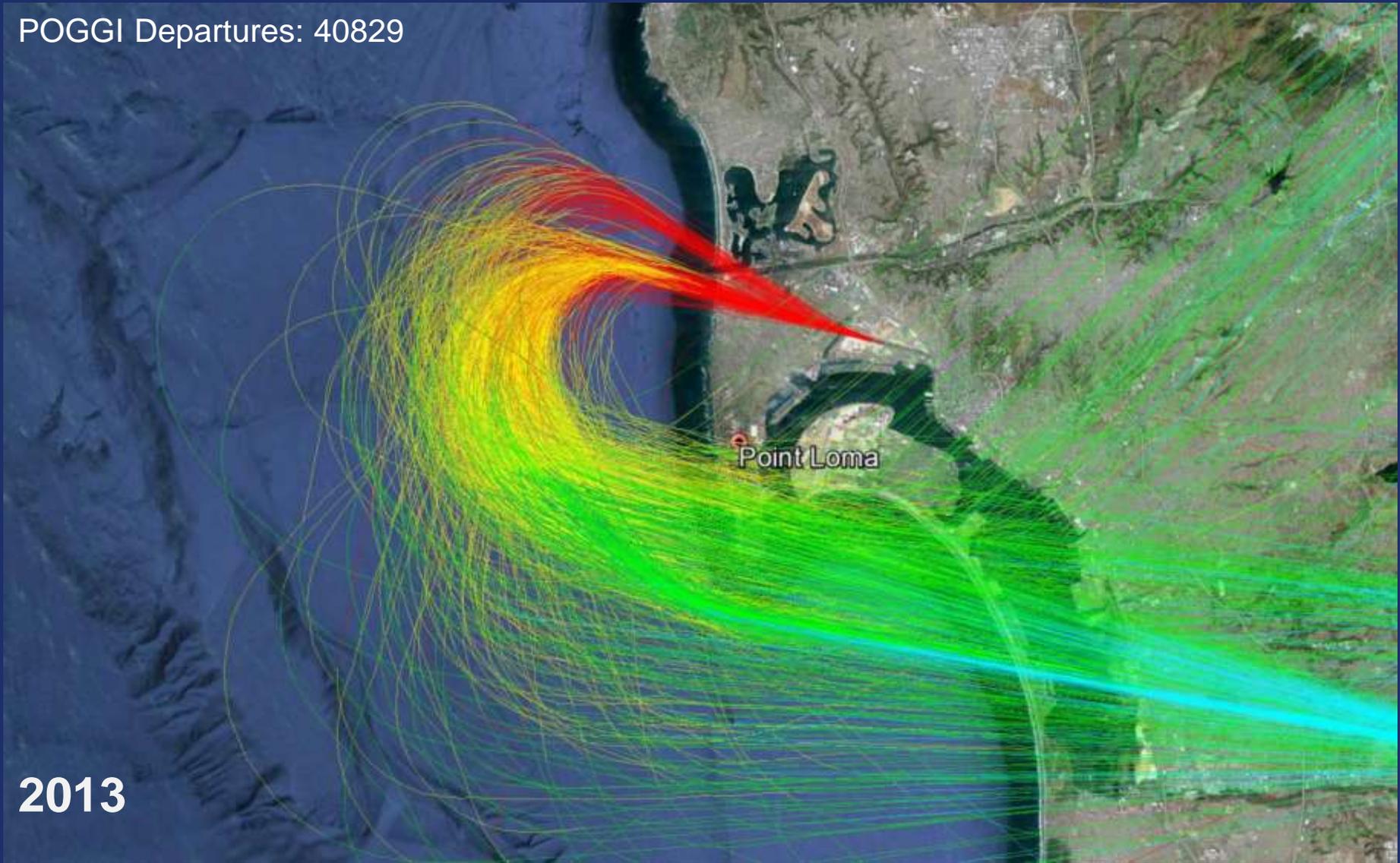


2012

5,000 – 10,000'



POGGI Departures: 40829



2013

All Altitudes

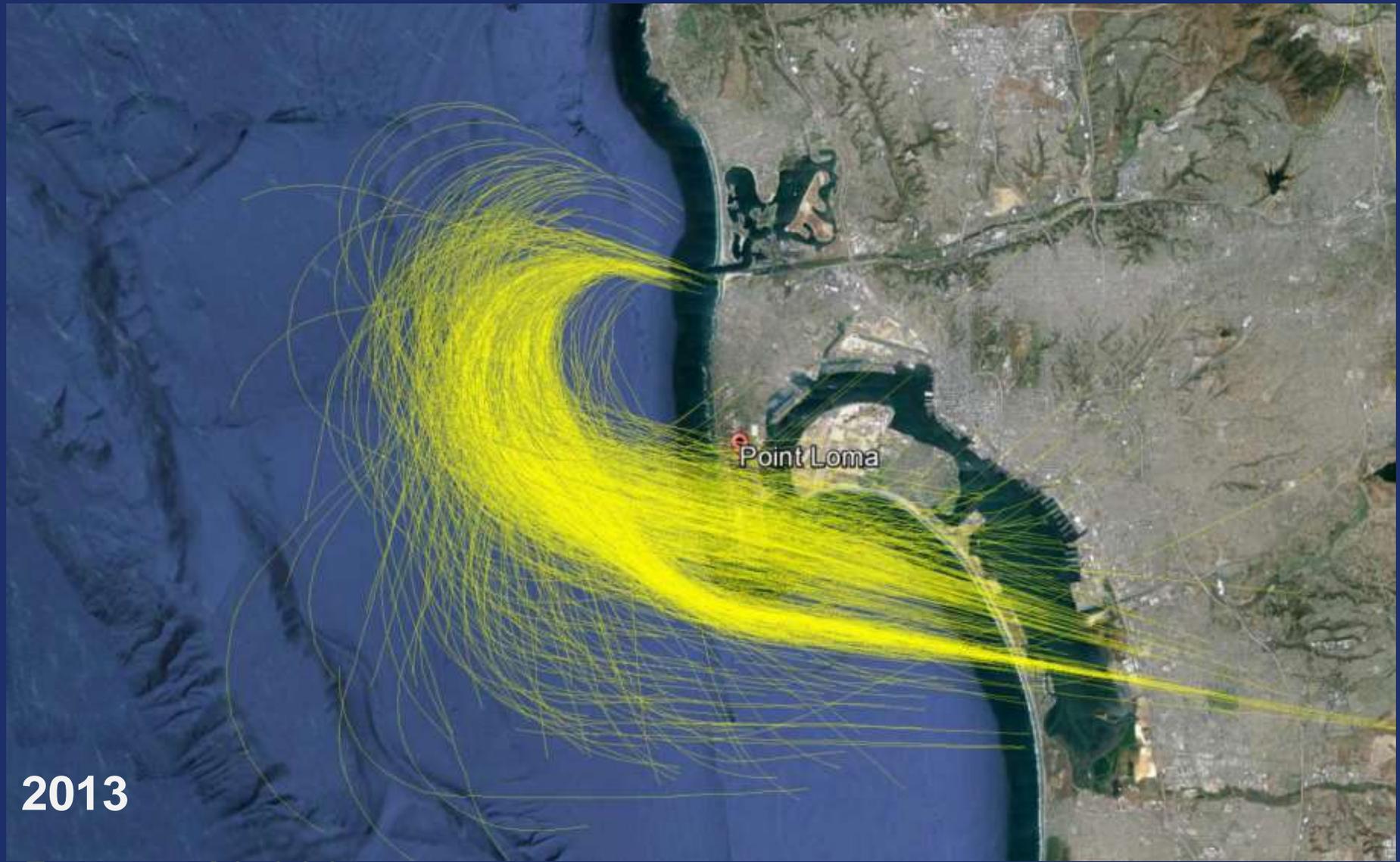




2013

SFC to 5,000'



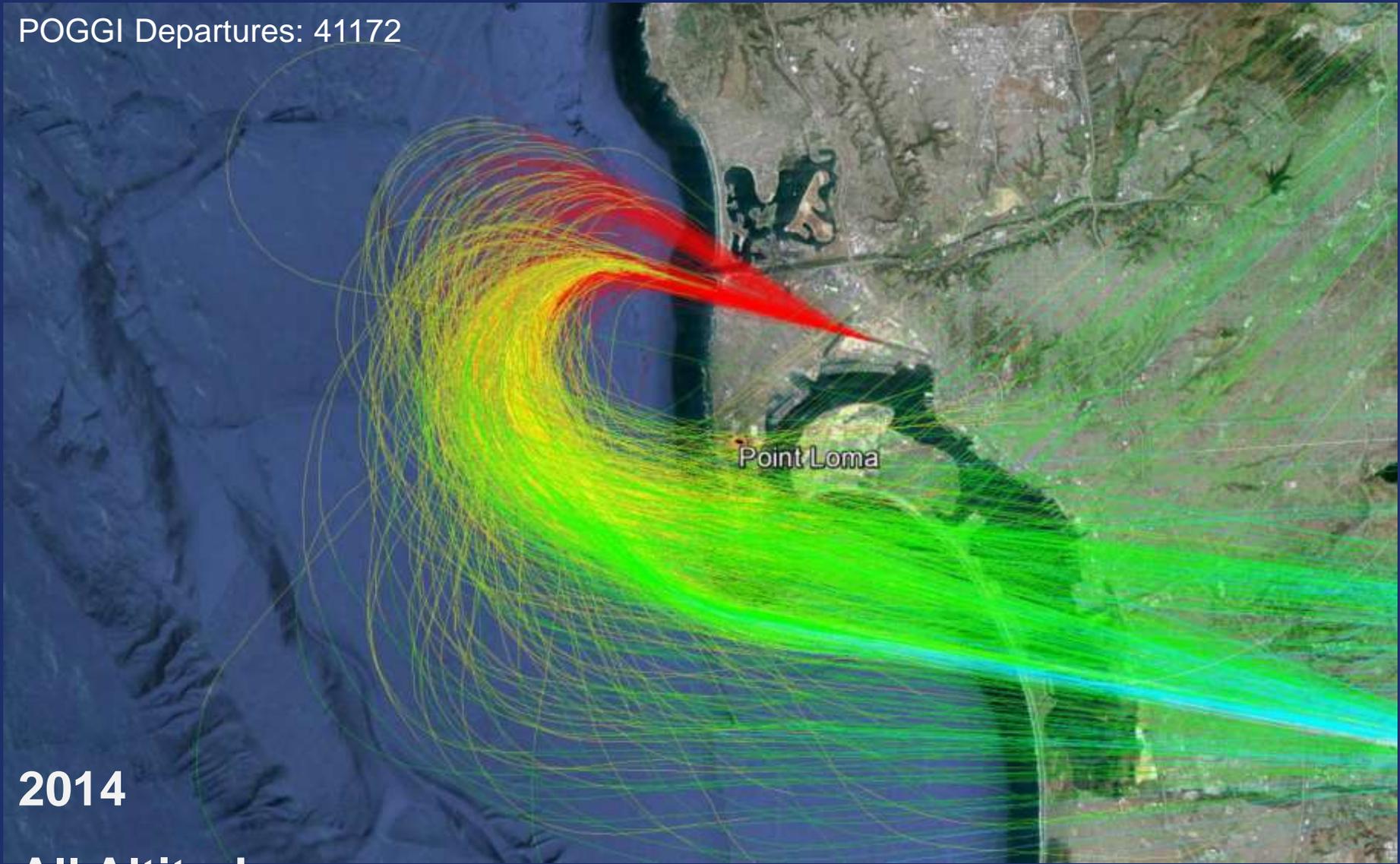


2013

5,000 – 10,000'



POGGI Departures: 41172



2014

All Altitudes



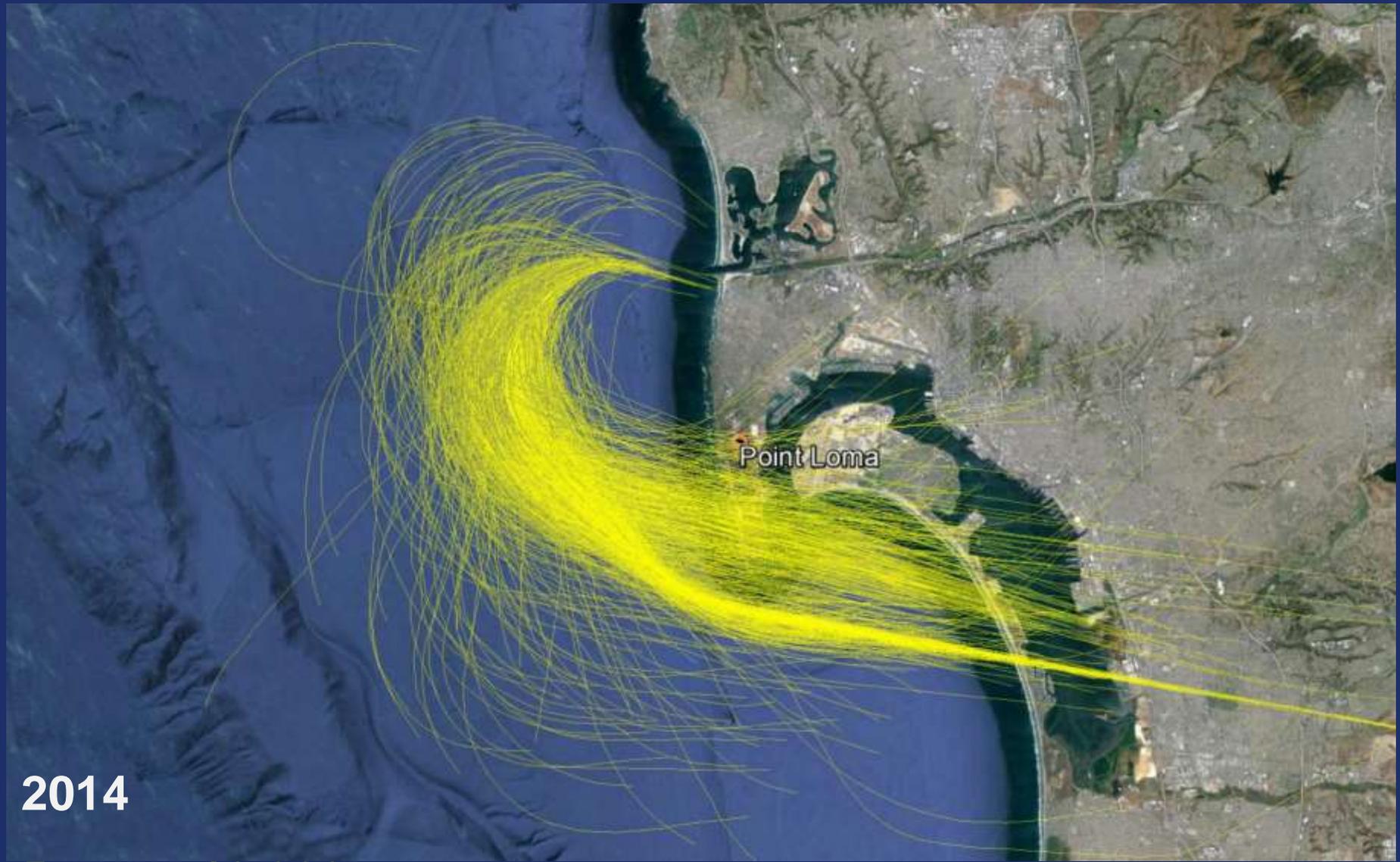


2014

SFC to 5,000'



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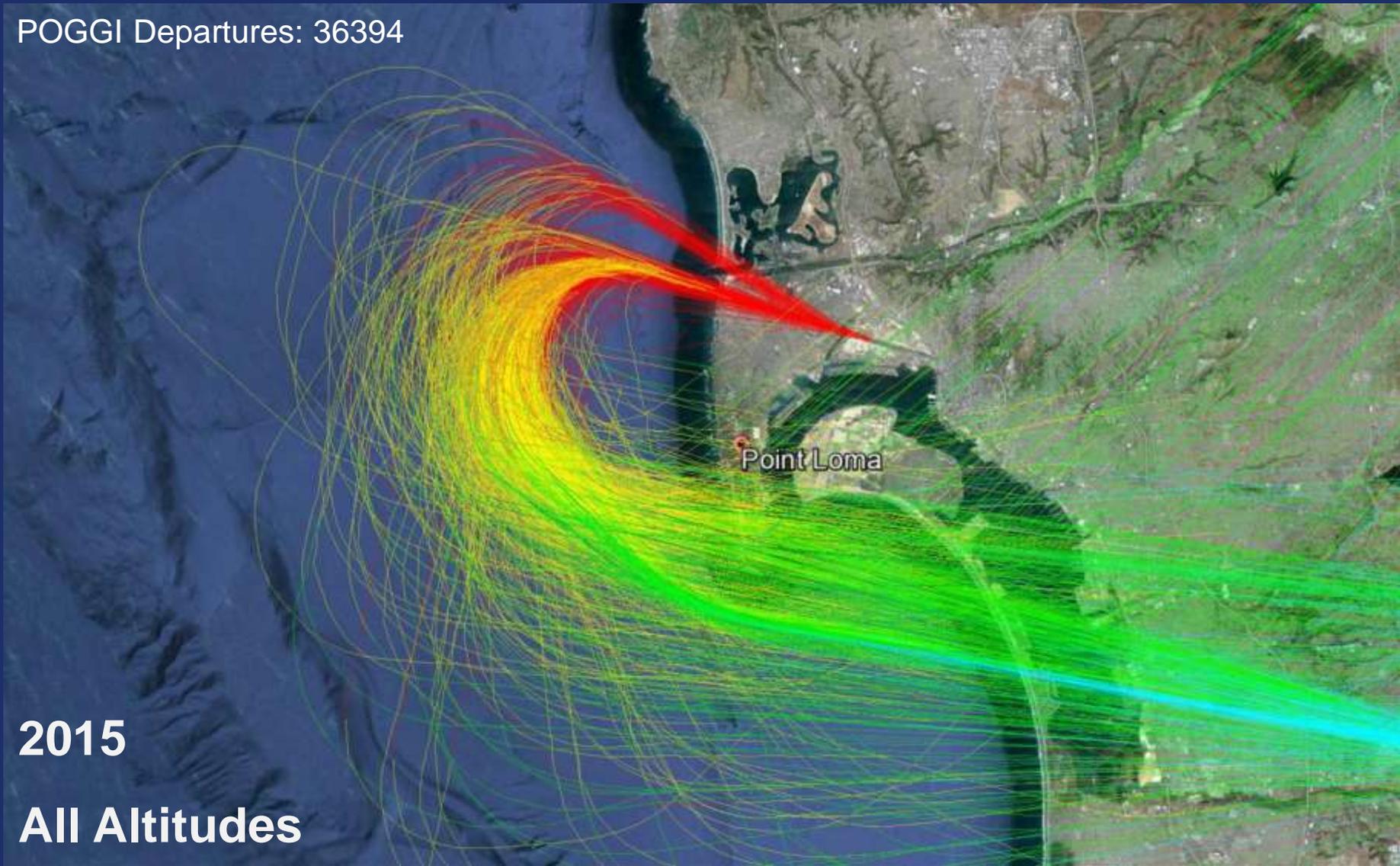


2014

5,000 – 10,000'



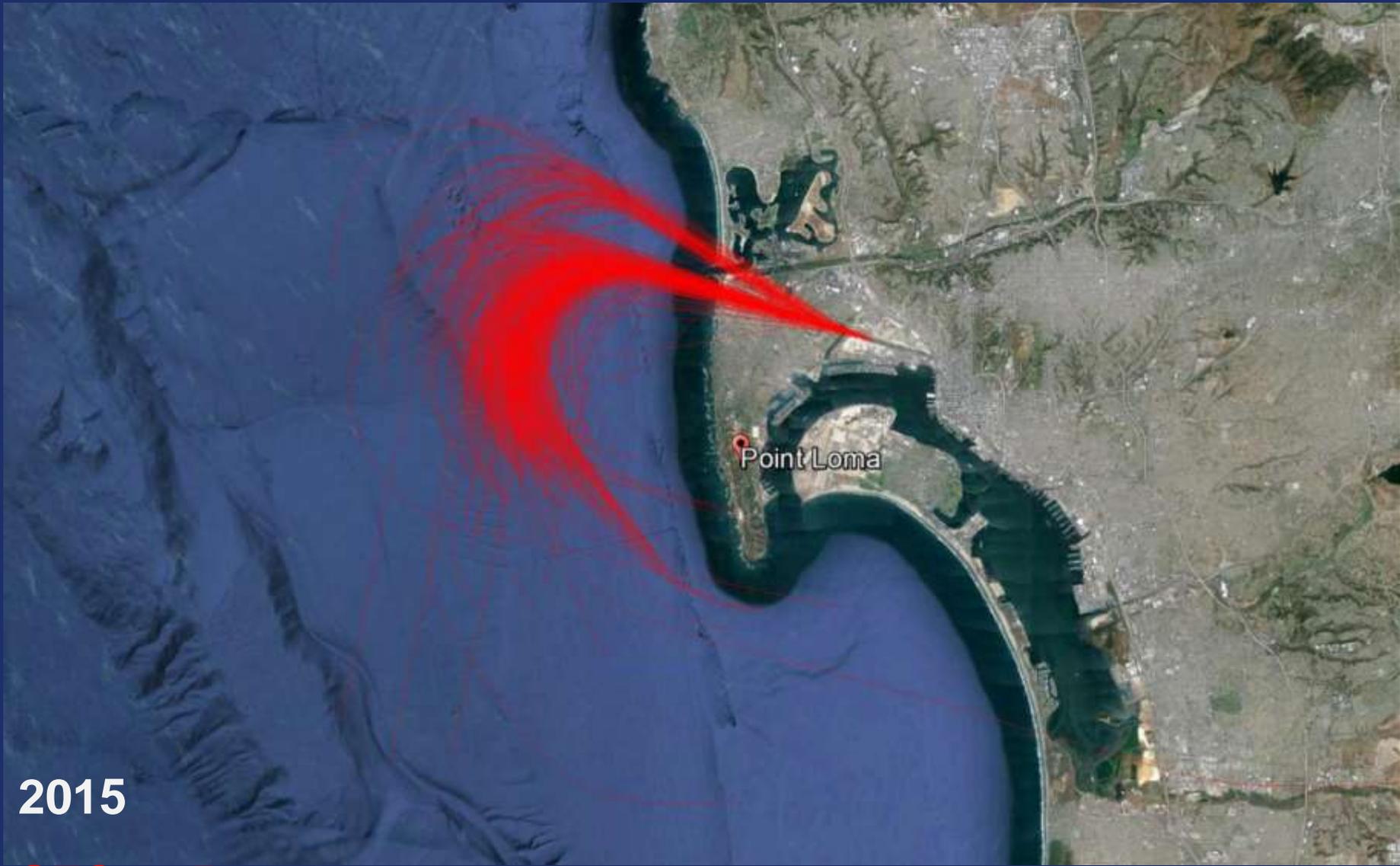
POGGI Departures: 36394



2015

All Altitudes

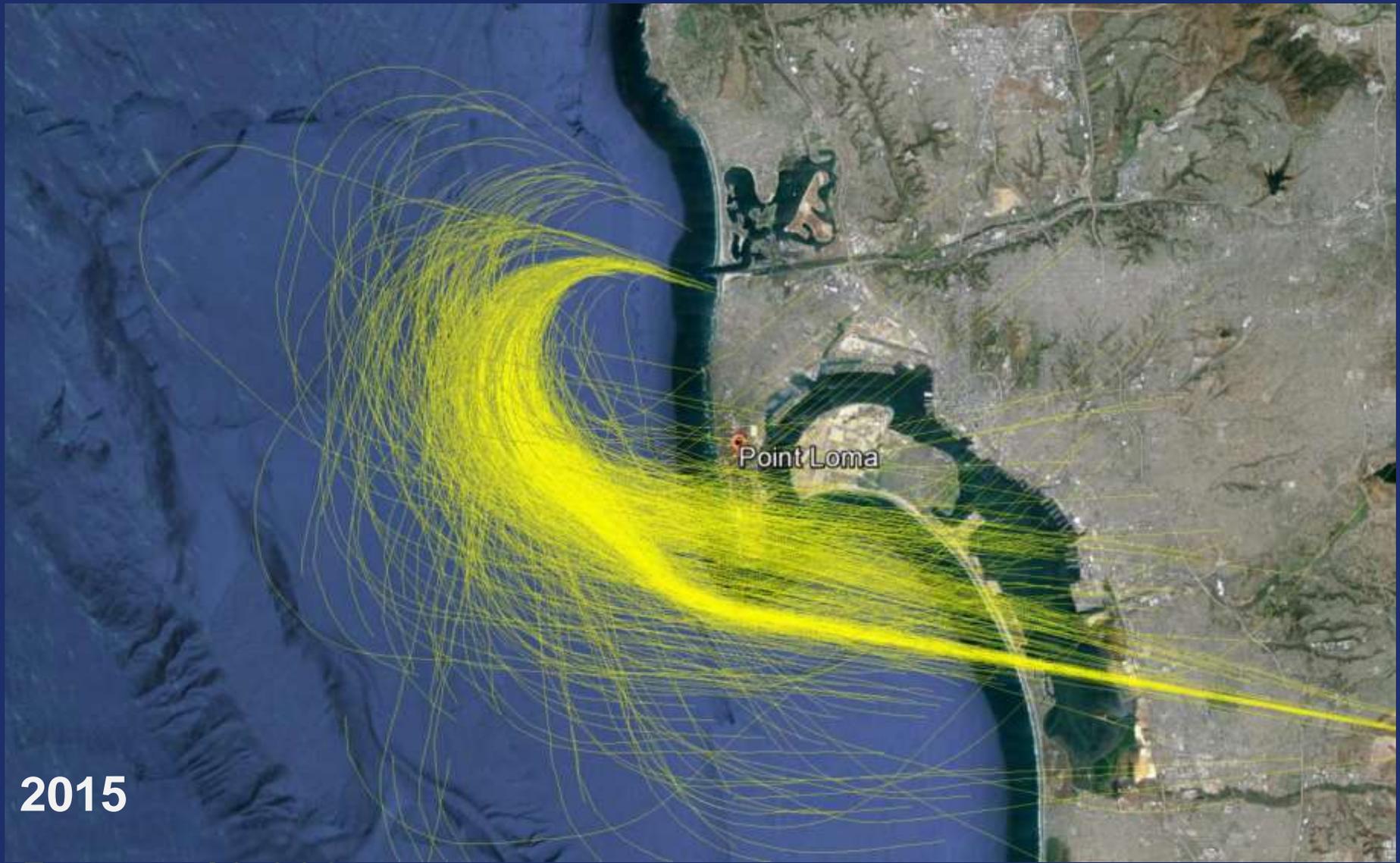




2015

SFC to 5,000'





2015

5,000 – 10,000'

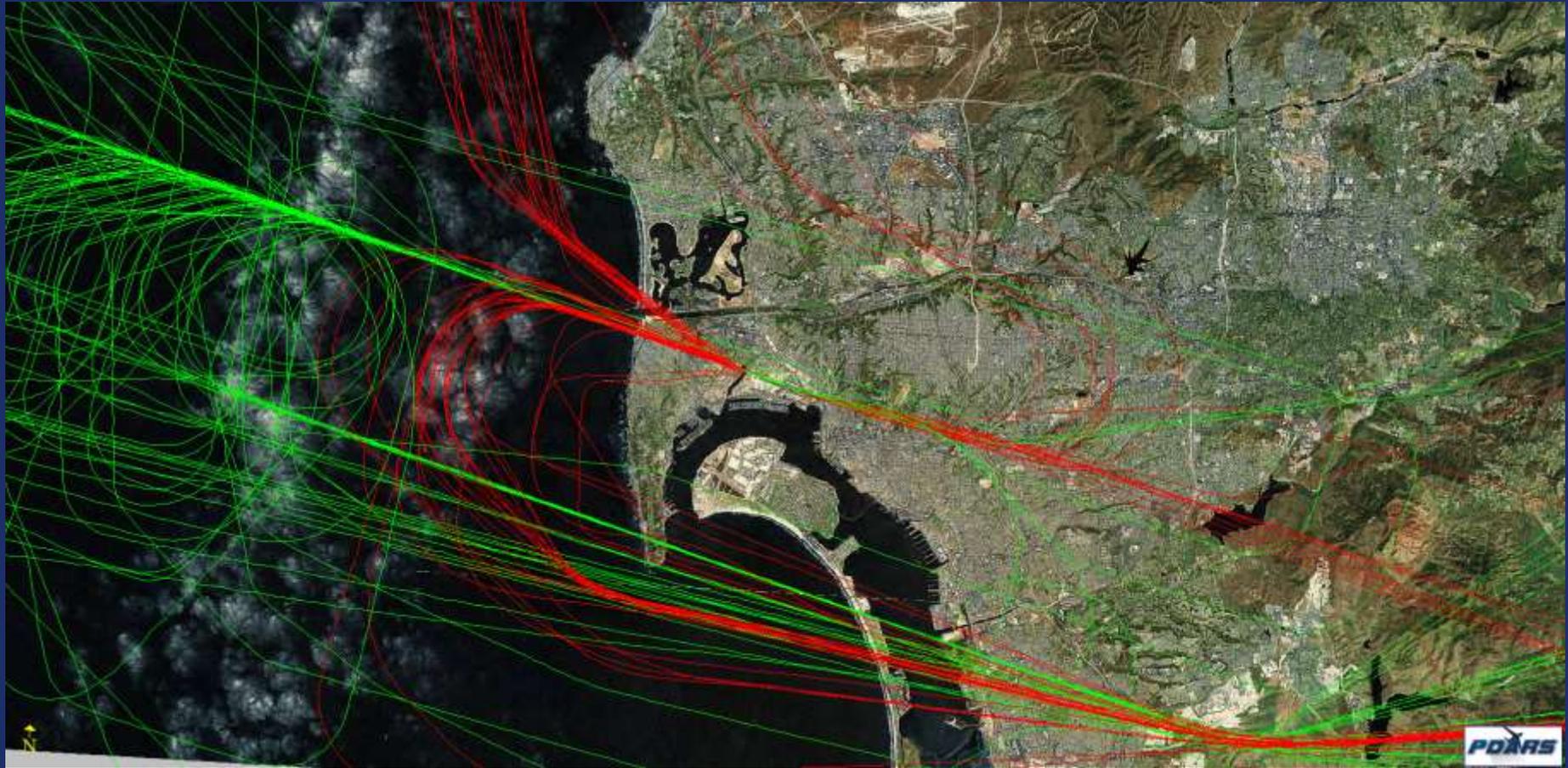


•SAN During 9-27 operations

•1/19/2011 6:30-11:00PDT

•SAN Departures (62)

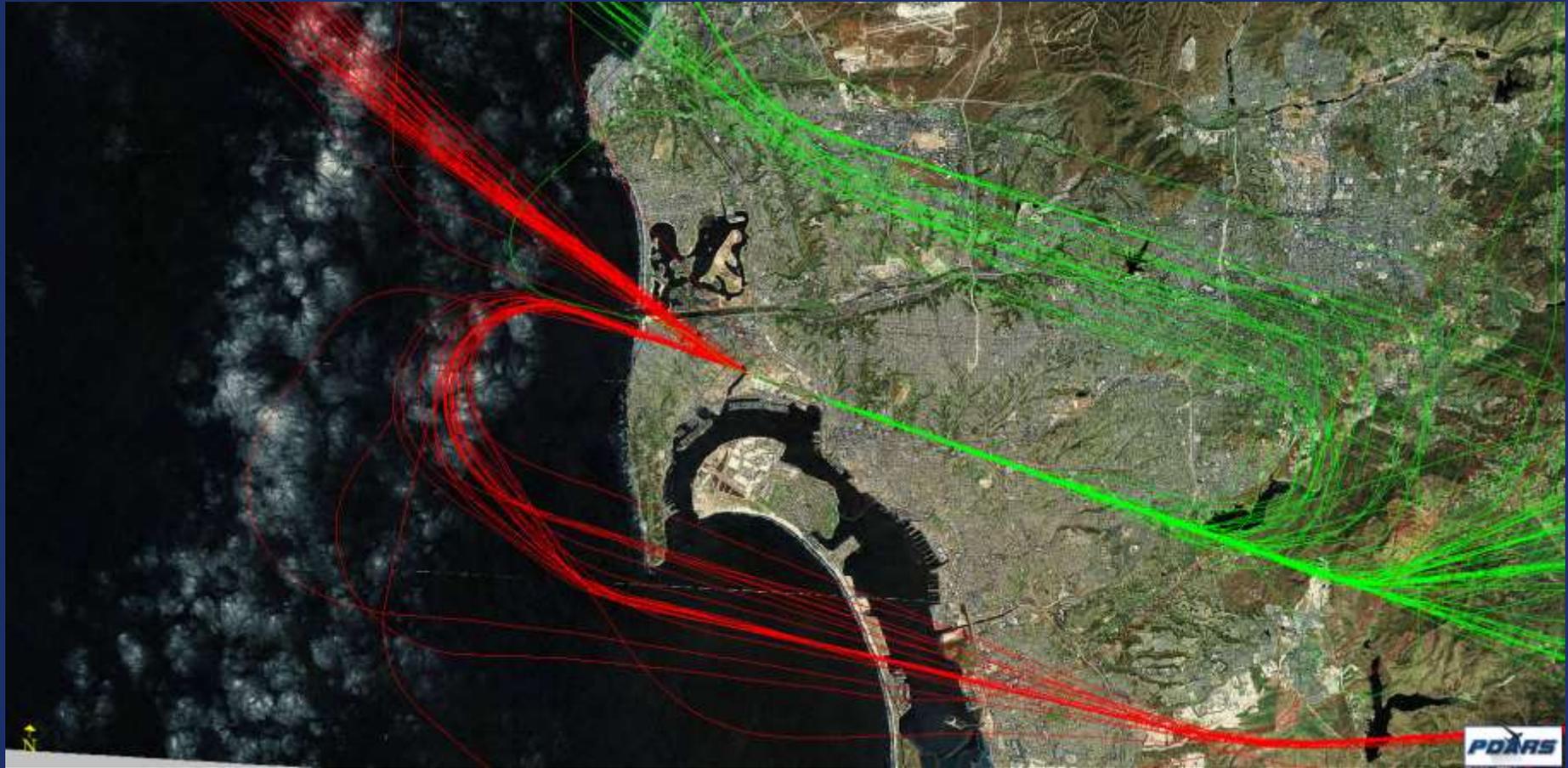
•SAN Arrivals (54)



•SAN During normal operations

•1/19/2011 15:30-20:00PDT

■ •SAN Departures (68)
■ •SAN Arrivals (80)

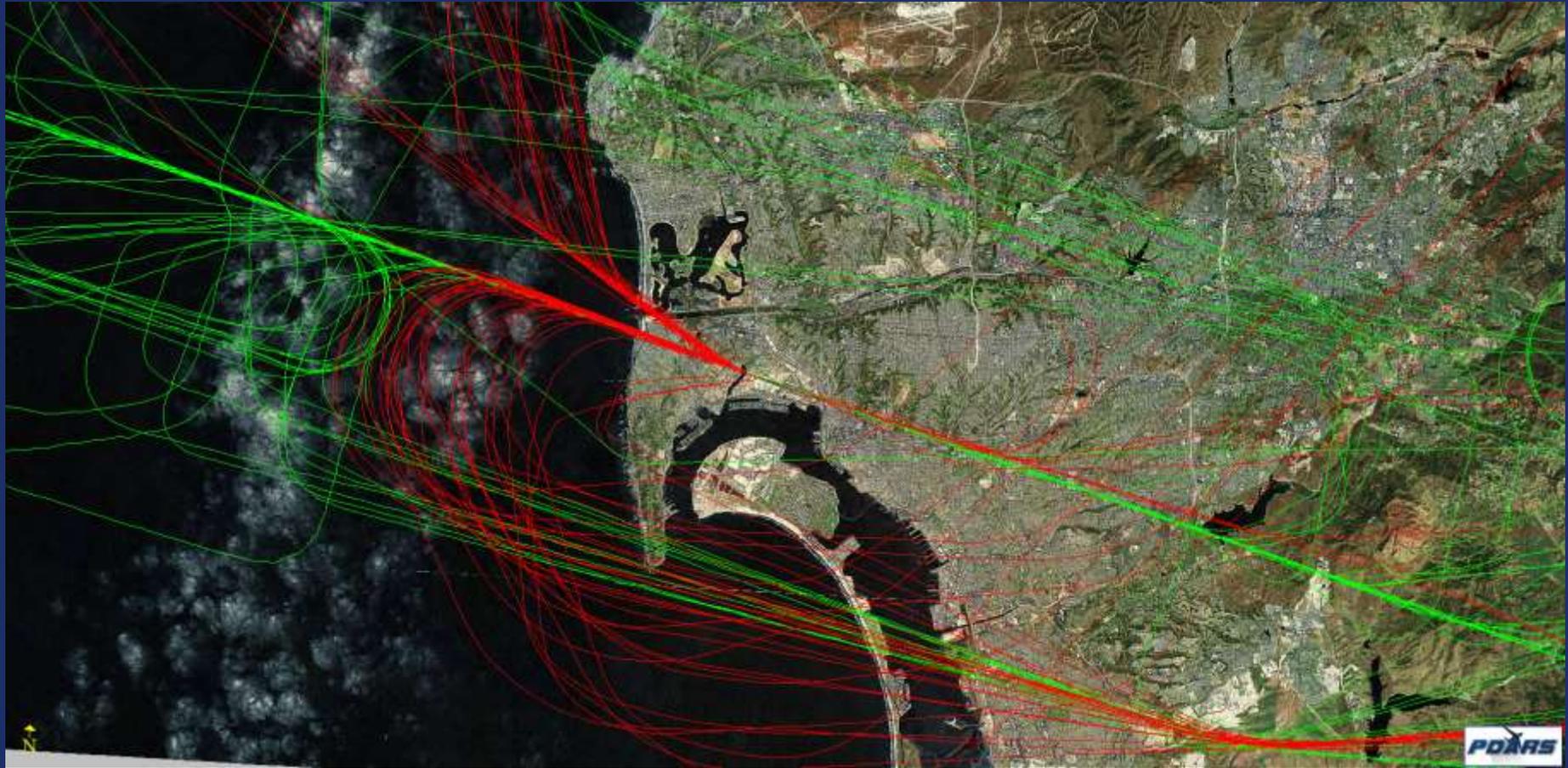


•SAN During 9-27 operations

•3/17/2011 6:30-11:00PDT

•SAN Departures (65)

•SAN Arrivals (49)



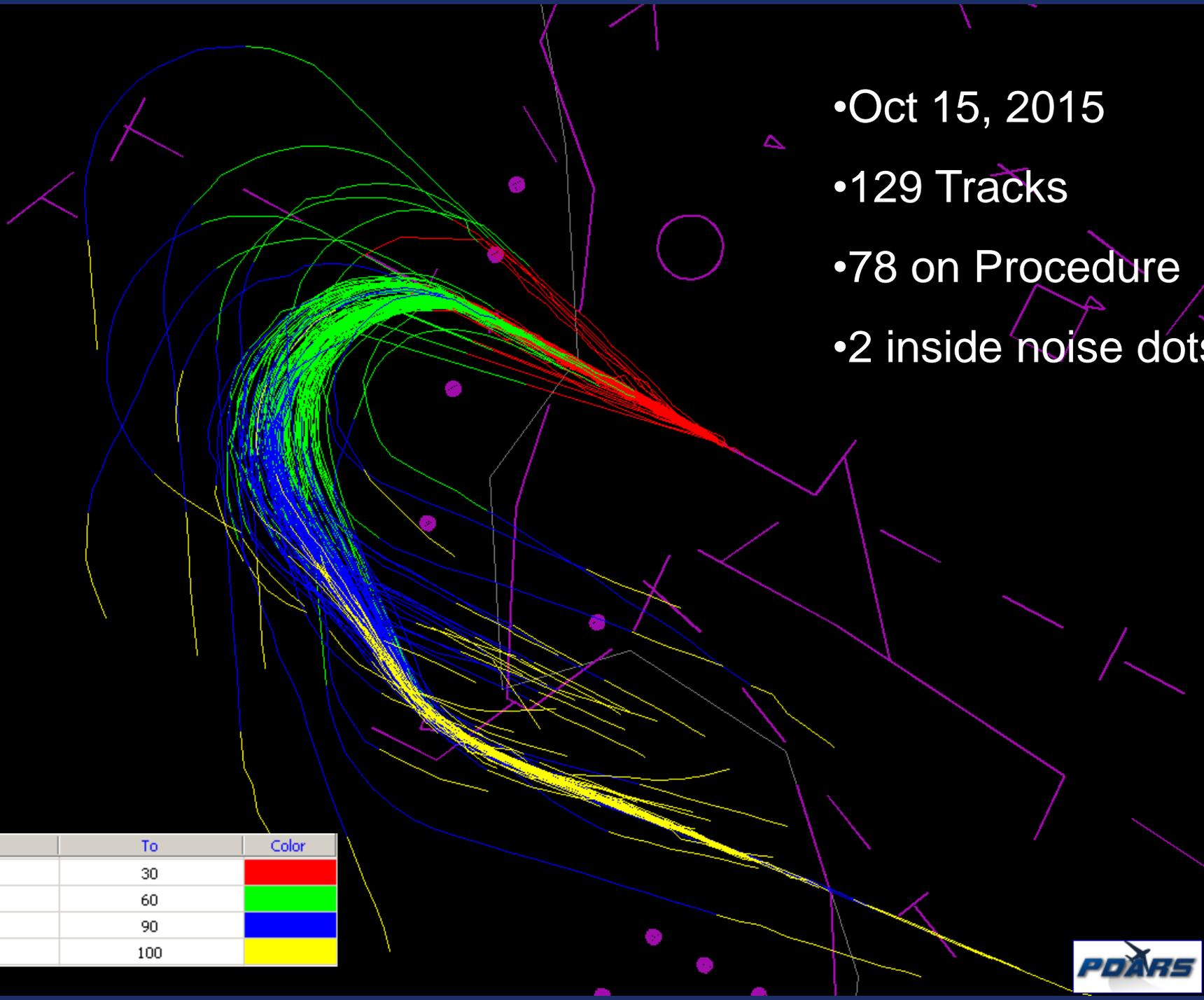
•SAN During normal operations

•3/17/2011 15:30-20:00PDT

■ •SAN Departures (67)
■ •SAN Arrivals (89)

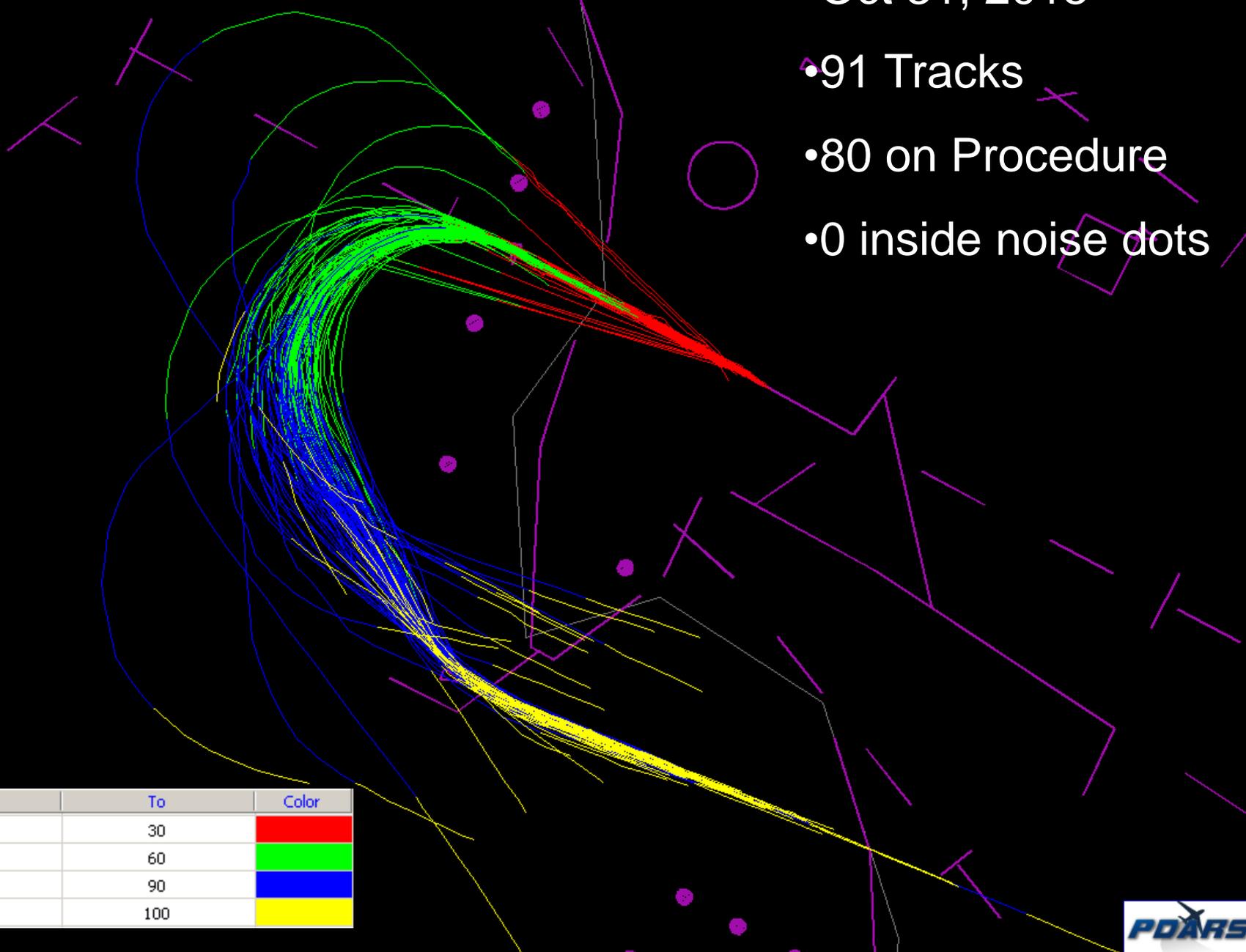


- Oct 15, 2015
- 129 Tracks
- 78 on Procedure
- 2 inside noise dots



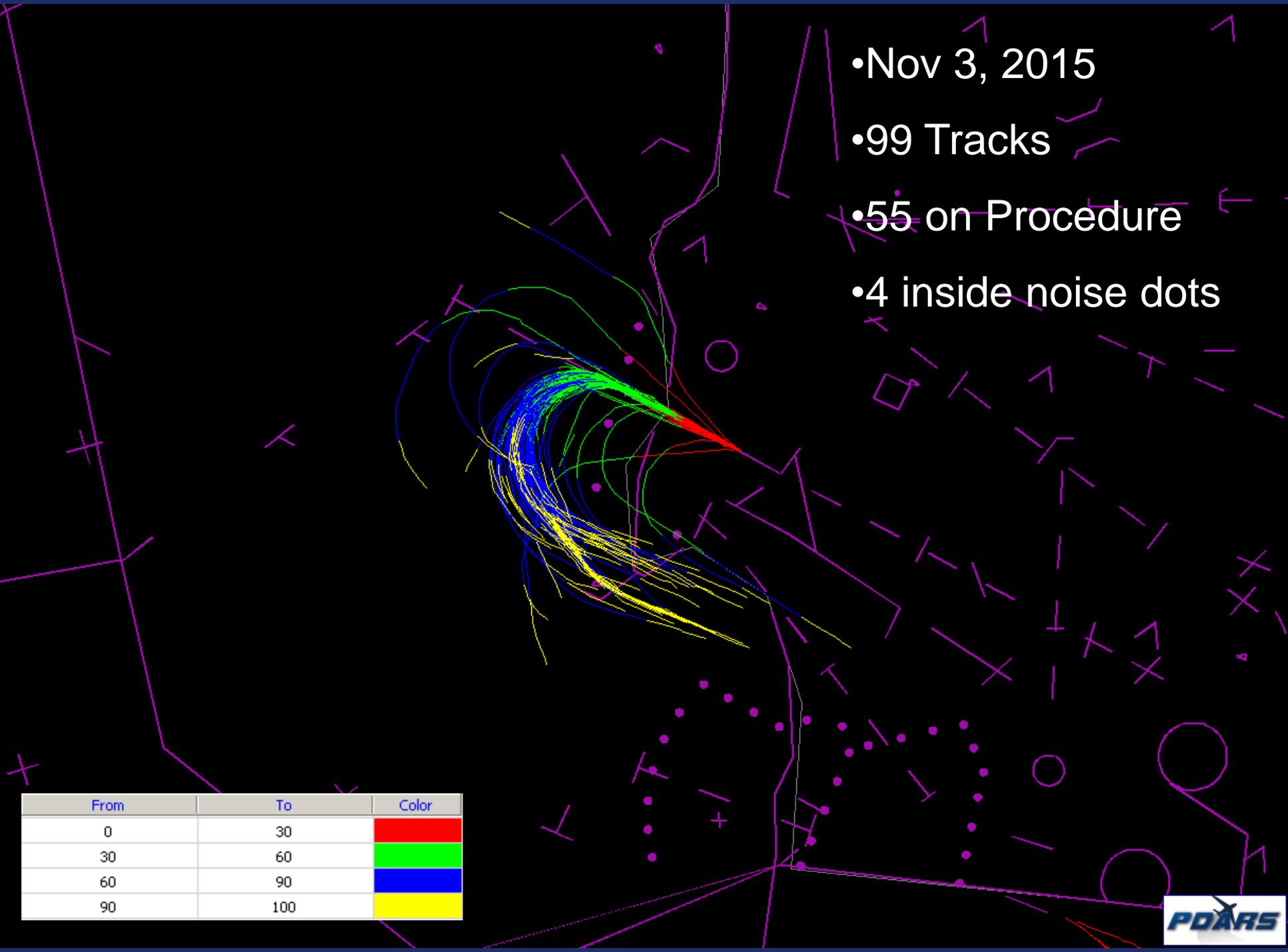
From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

- Oct 31, 2015
- 91 Tracks
- 80 on Procedure
- 0 inside noise dots



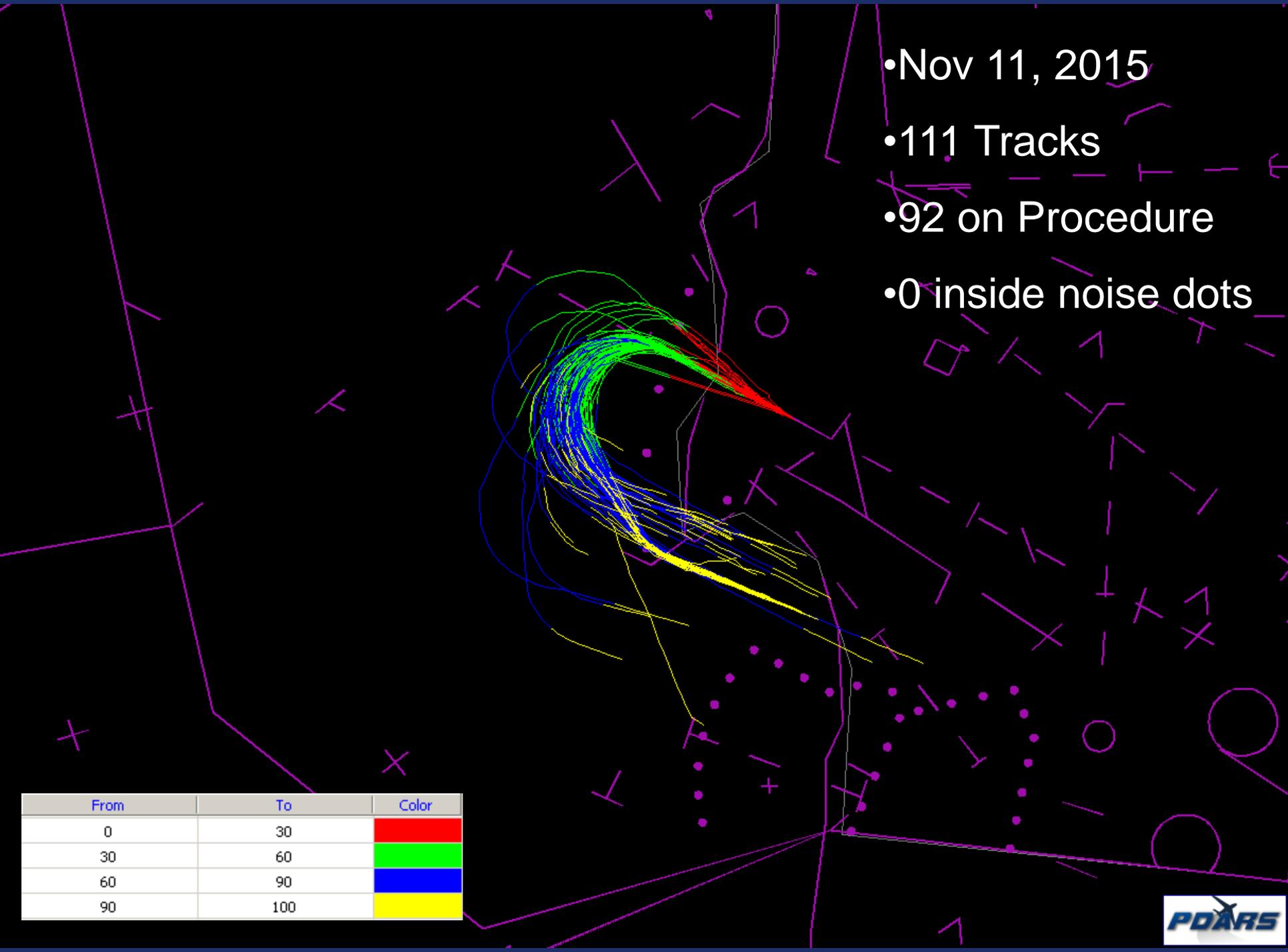
From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

- Nov 3, 2015
- 99 Tracks
- 55 on Procedure
- 4 inside noise dots



From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

- Nov 11, 2015
- 111 Tracks
- 92 on Procedure
- 0 inside noise dots



From	To	Color
0	30	Red
30	60	Green
60	90	Blue
90	100	Yellow

THANK YOU

QUESTIONS?

