

Odor Update:
Summary of Odor Notifications Received in
January and February 2015



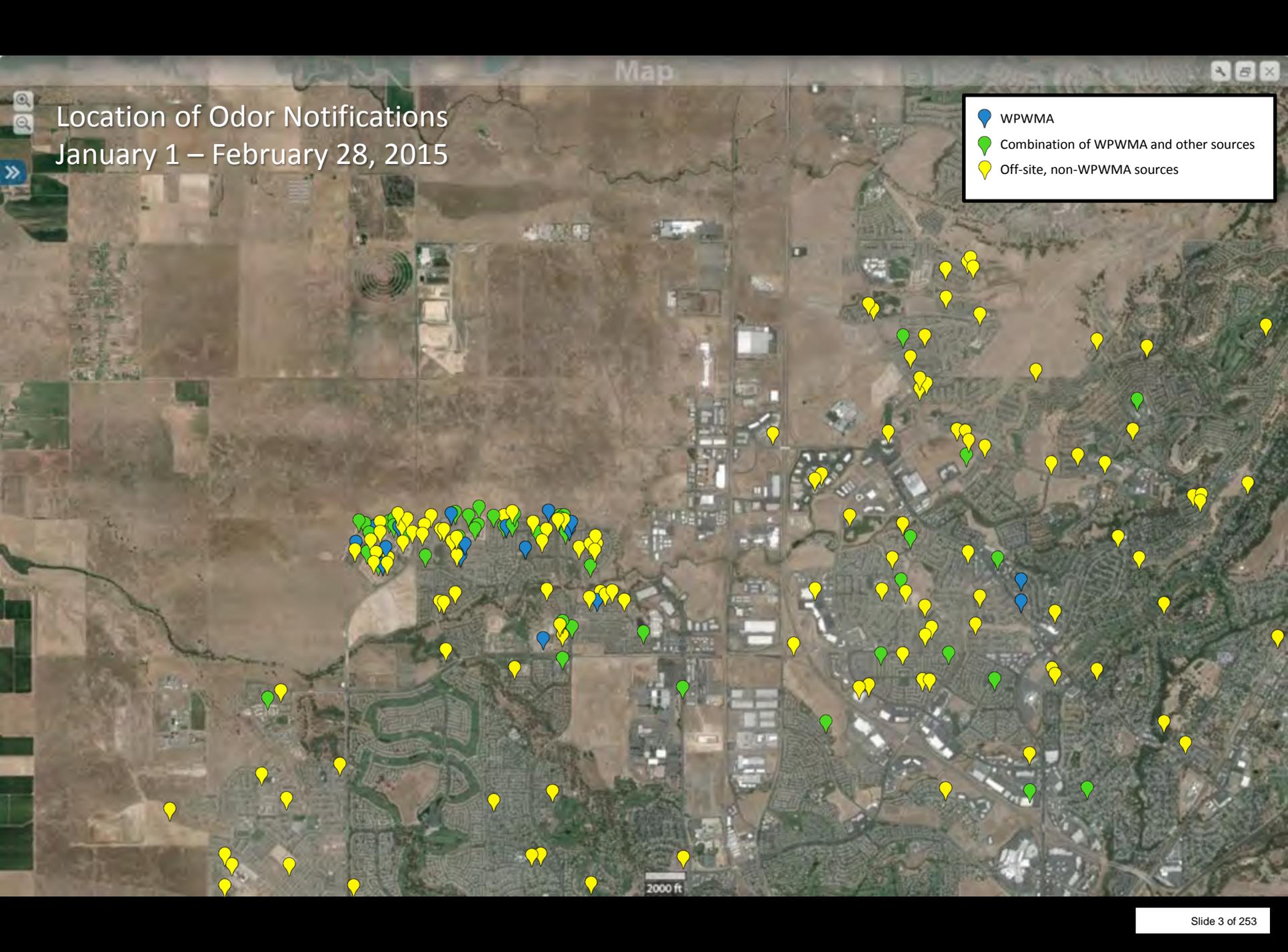
OVERVIEW

- Beginning in late January, the WPWMA began receiving an abnormally large number of odor notifications via its website.
- Staff was able to use the WPWMA's continuous odor monitoring system to investigate a majority of these odor notifications.
- Based on these investigations, it appears most of the reported odors experienced in the area were not directly related to the WPWMA's operations.

Location of Odor Notifications January 1 – February 28, 2015

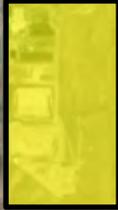
Map

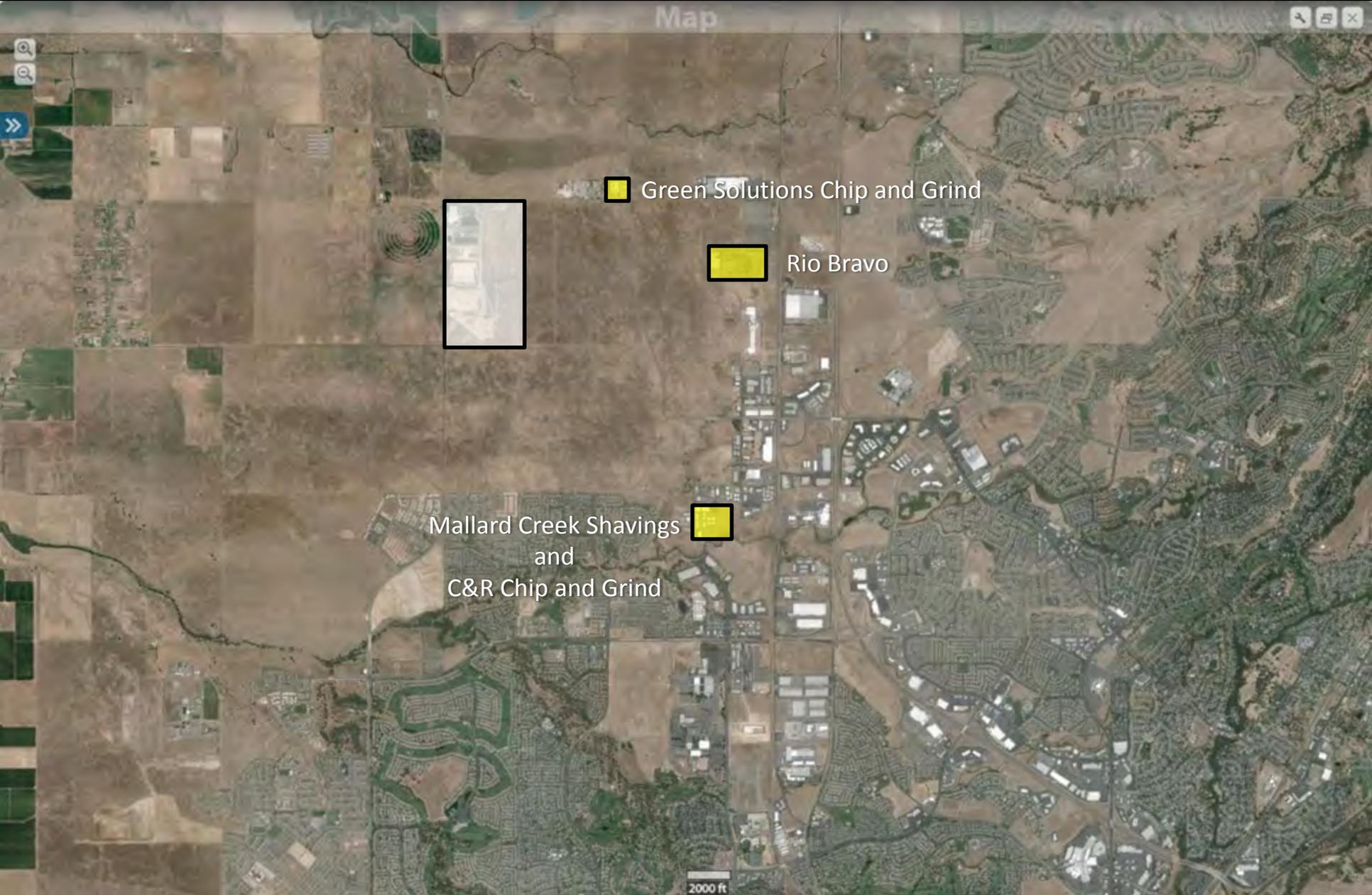
- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



The map displays a geographic area with a grid of land parcels. Numerous colored pins are scattered across the map, primarily concentrated in the central and right-hand portions. A legend in the top right corner identifies the pin colors: blue for WPWMA, green for a combination of WPWMA and other sources, and yellow for off-site, non-WPWMA sources. A scale bar at the bottom center indicates 2000 feet. The word 'Map' is written in the top center of the image area.

WPWMA's
facility





Green Solutions Chip and Grind

Rio Bravo

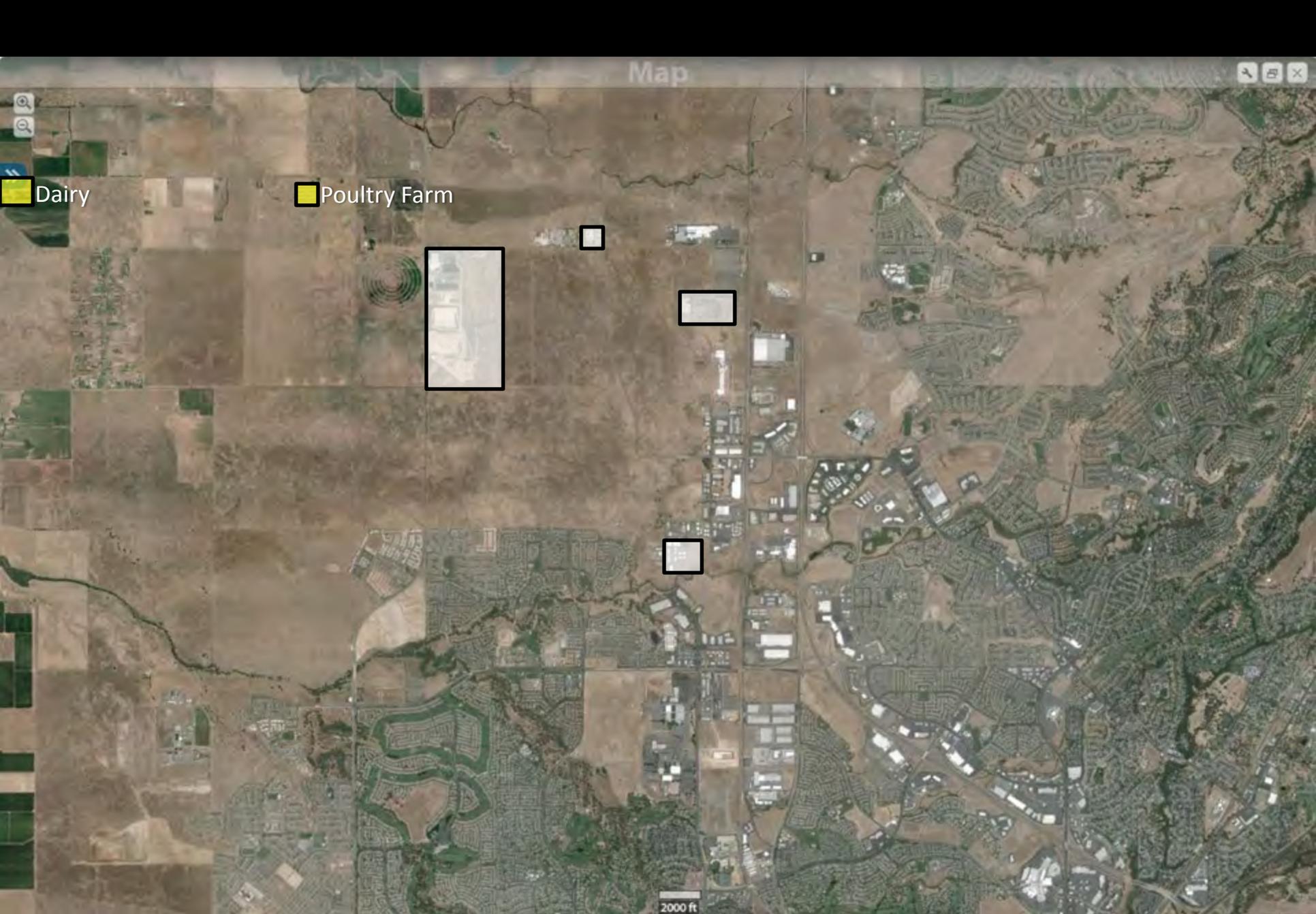
Mallard Creek Shavings
and
C&R Chip and Grind

2000 ft



 Dairy

 Poultry Farm



2000 ft

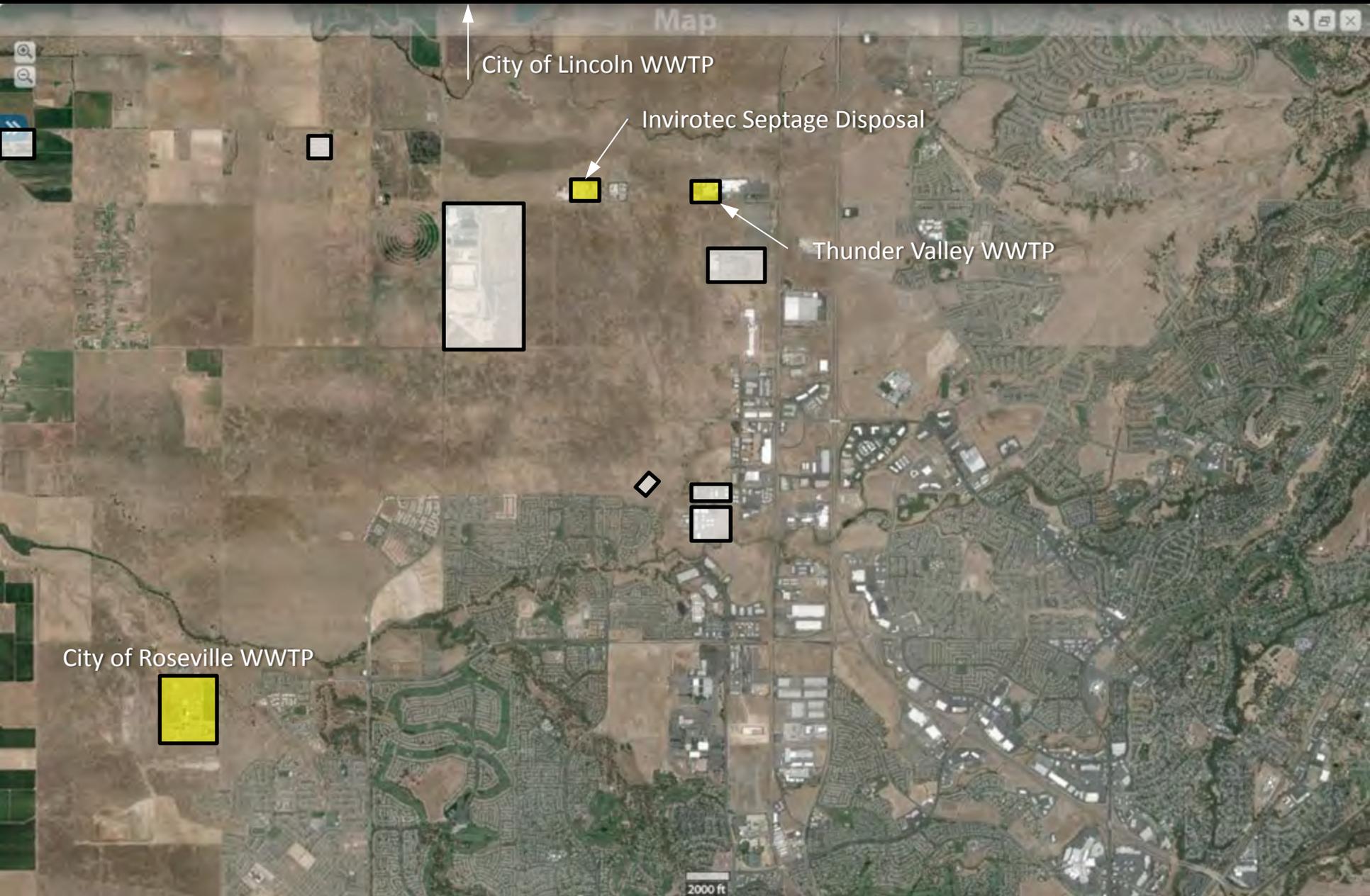


City of Roseville Power Plant (peaking) 



Amerigas Propane 

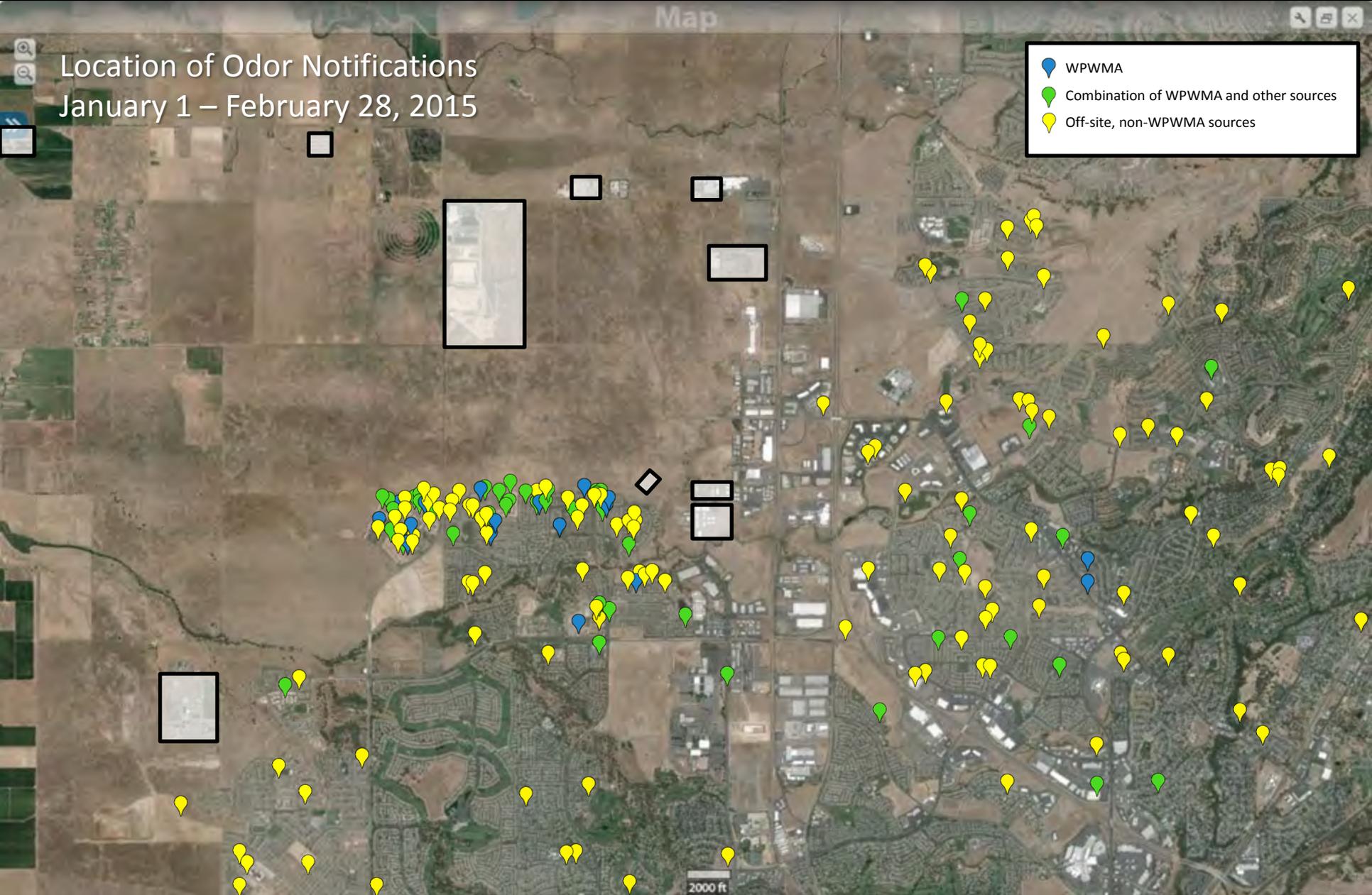
2000 ft



Location of Odor Notifications January 1 – February 28, 2015

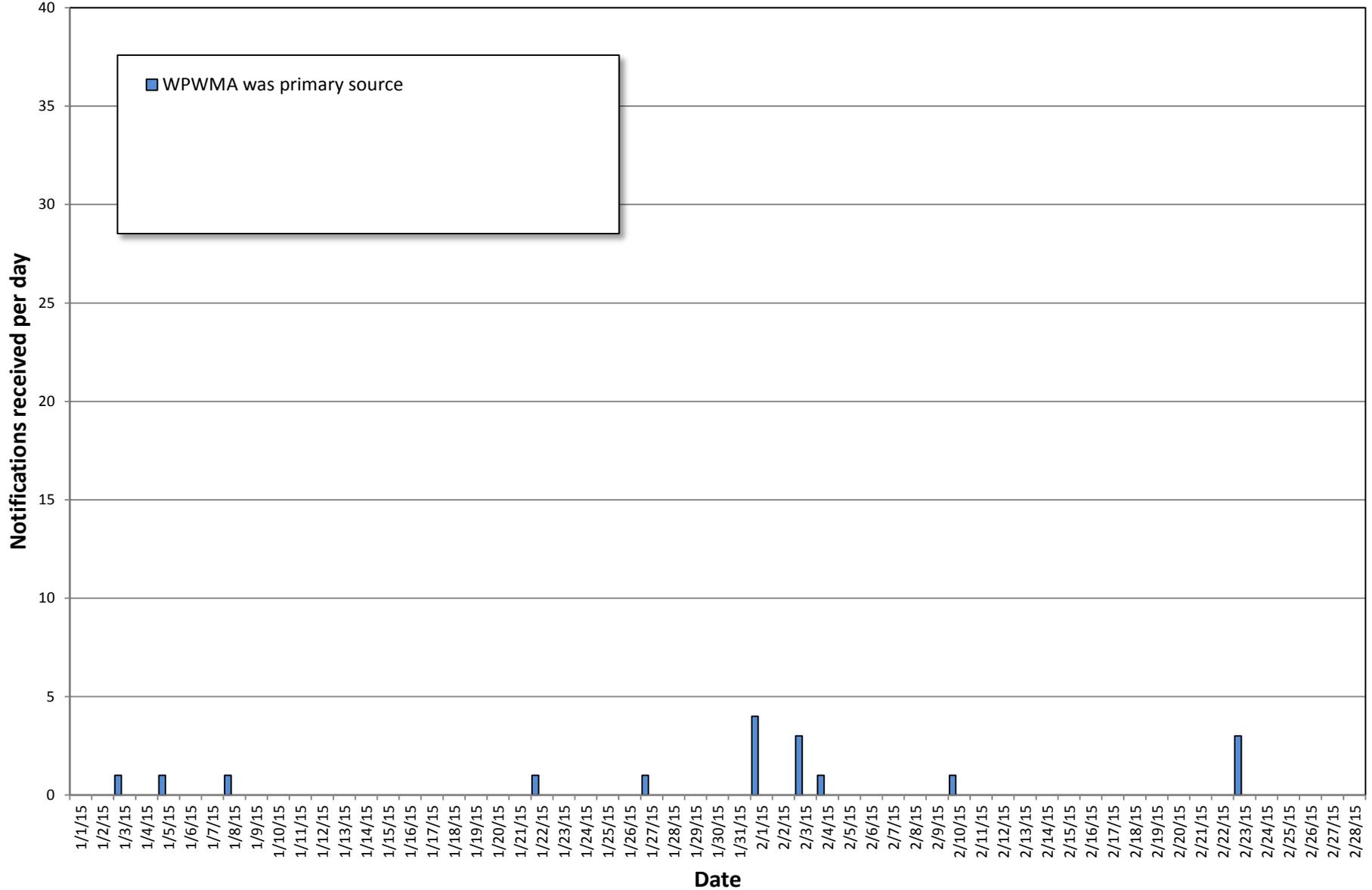
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

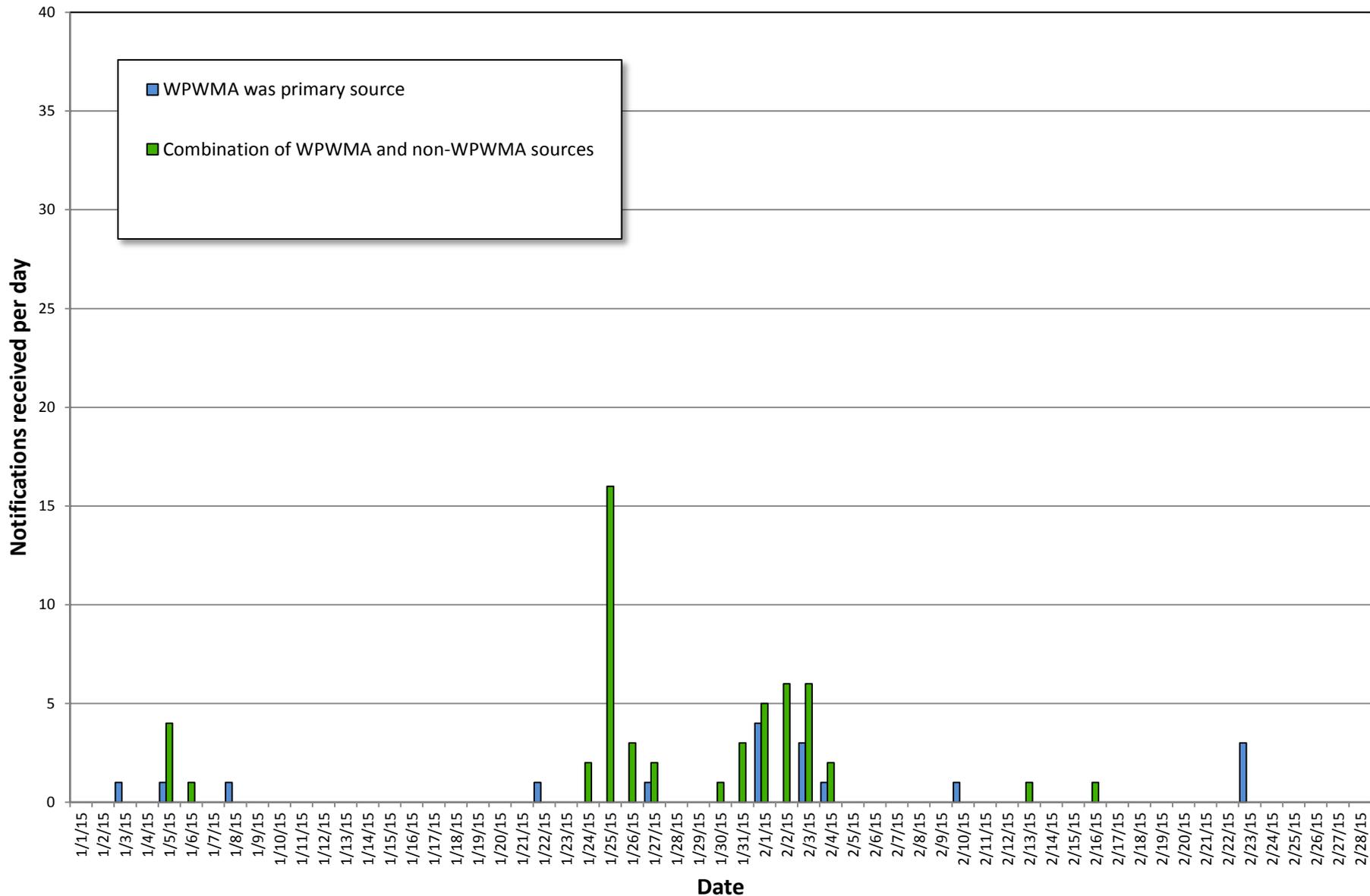


Odor Notification Summary

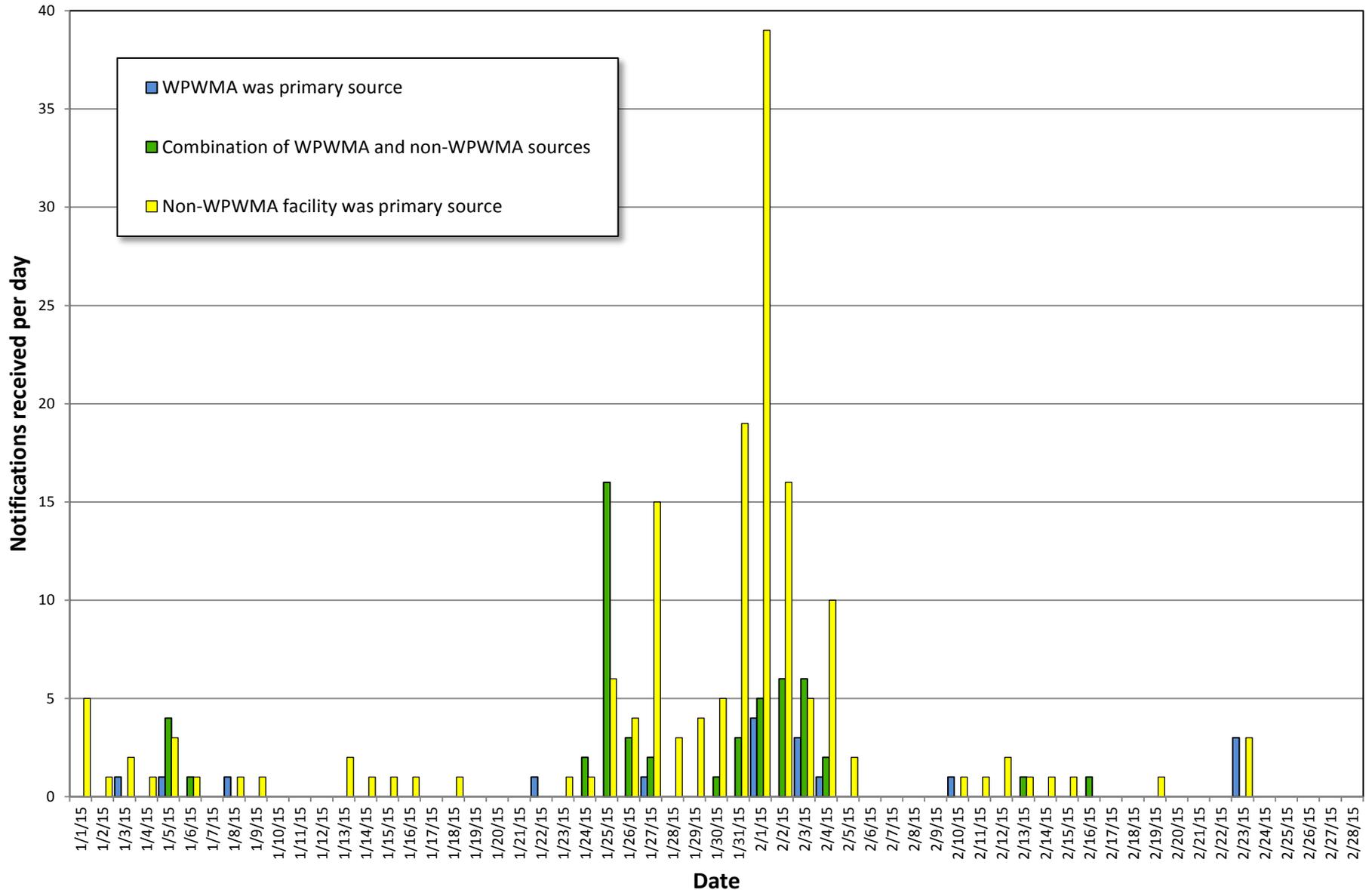
January - February 2015



Odor Notification Summary January - February 2015



Odor Notification Summary January - February 2015

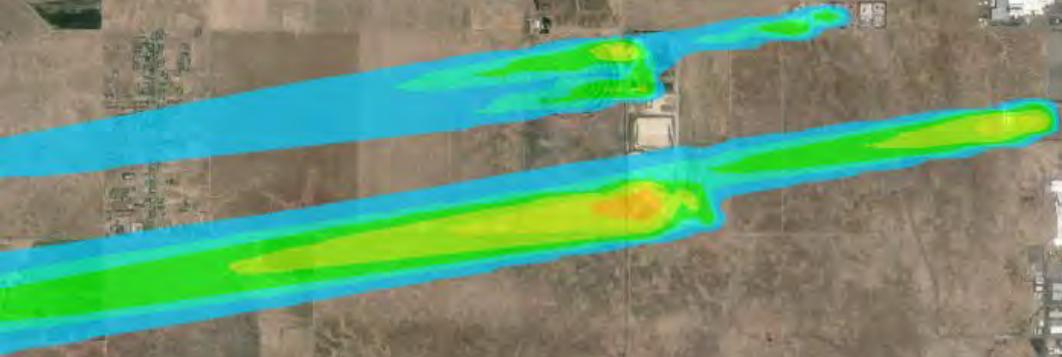




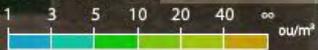
ODOWATCH SYSTEM

- Tool to calculate the dispersion of odors from various sources and estimate the intensity of odors at on- and off-site locations.
- Combines real-time data from continuous odor measurement sensors (e-noses) and fixed area emission source data with weather data to produce dispersion estimates.
 - Utilizes USEPA approved AERMOD model for dispersion calcs
- Resulting estimates are presented graphically on Google Earth satellite imagery.

Map



02/01/2015 5:59 AM



2000 ft

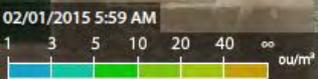
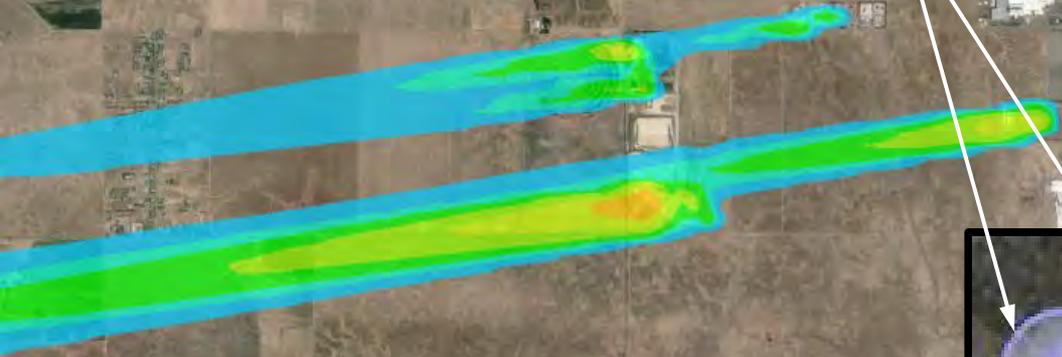


Lat: 38.81358 Lon: -121.39273



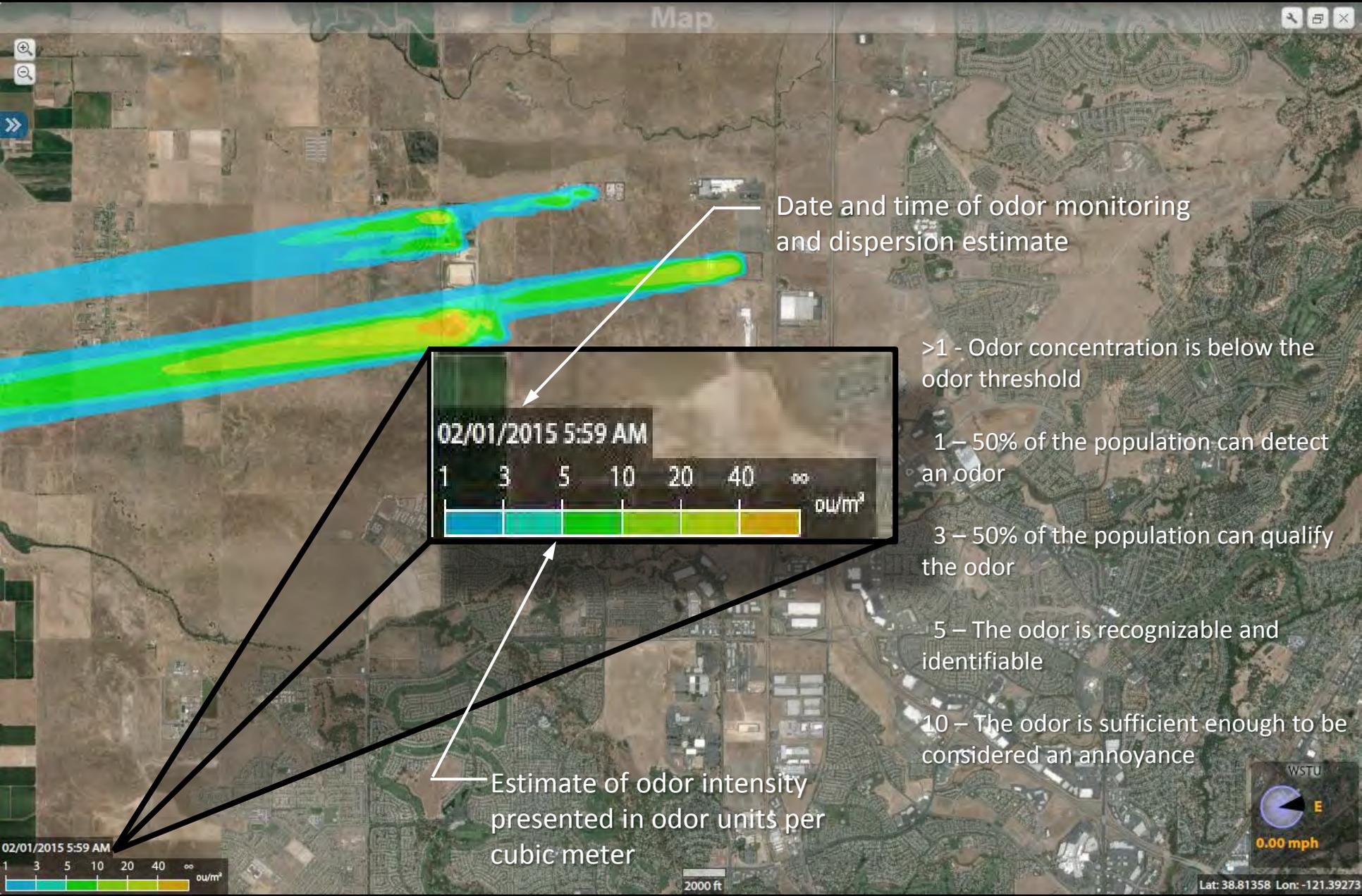
Wind Direction

Wind Speed

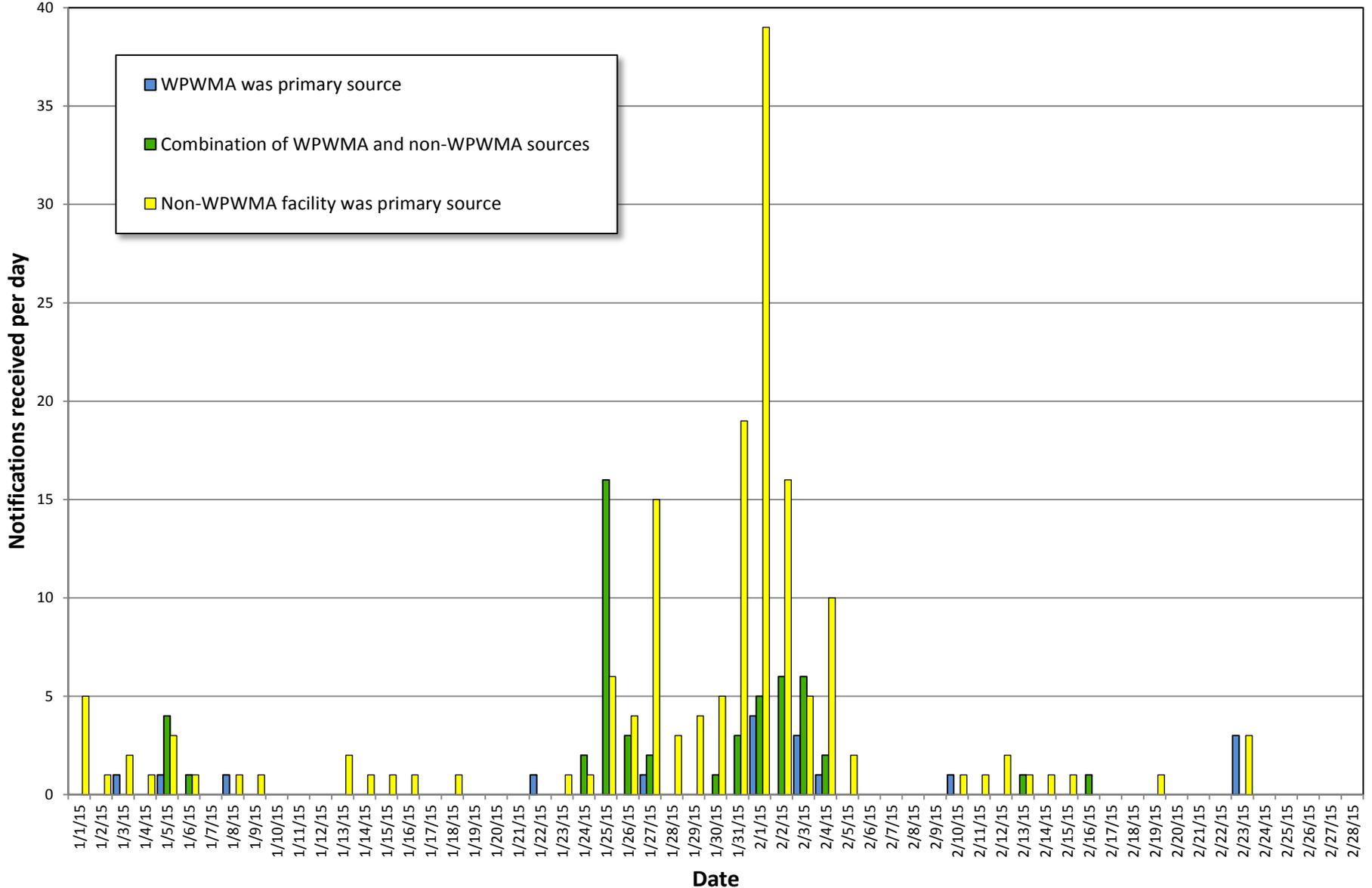


2000 ft

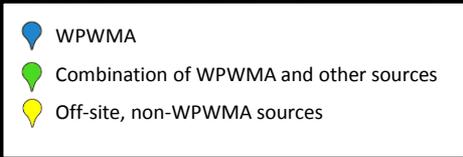
Lat: 38.81358 Lon: -121.39273



Odor Notification Summary January - February 2015

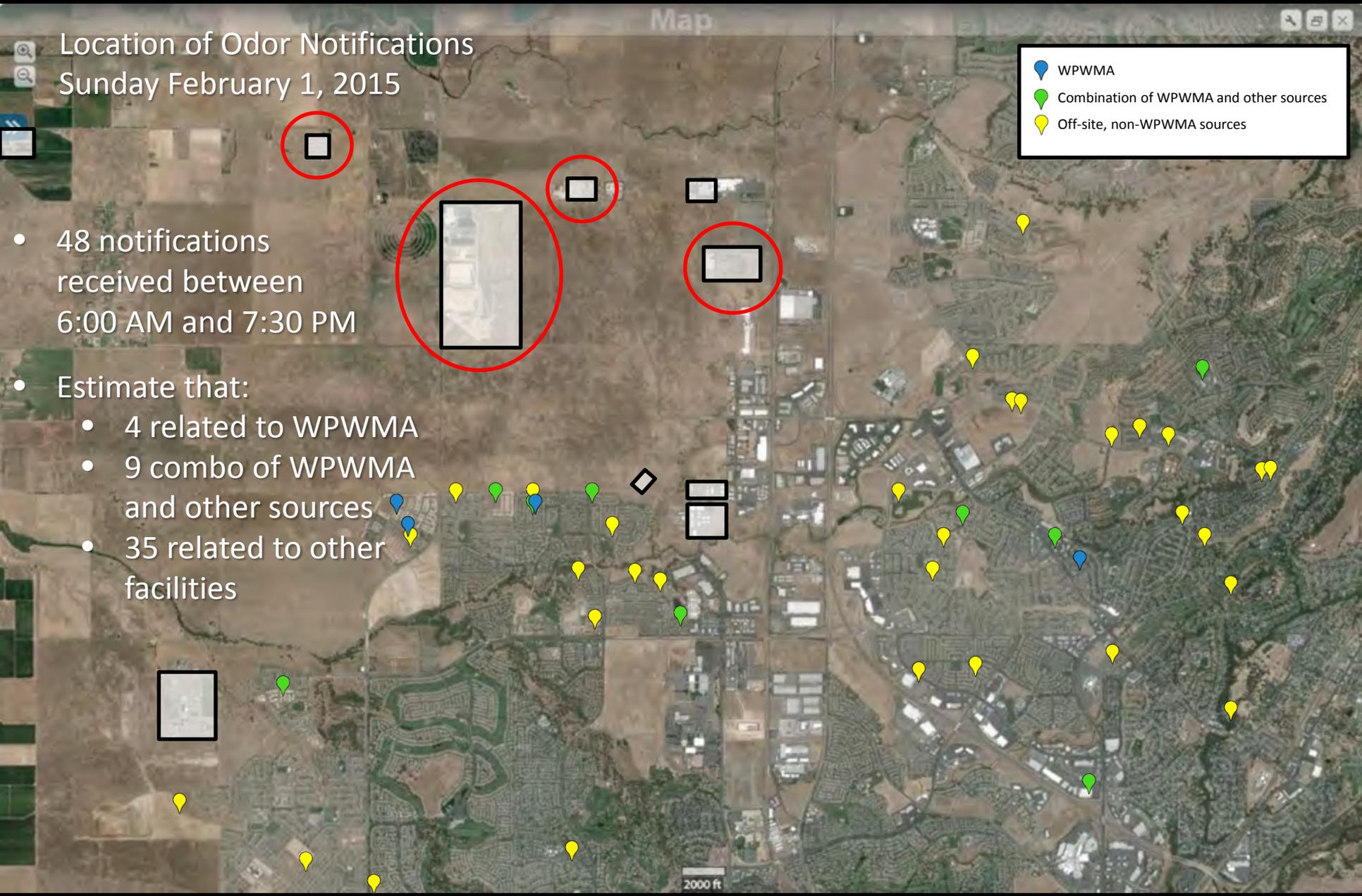


Location of Odor Notifications Sunday February 1, 2015



- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

- 48 notifications received between 6:00 AM and 7:30 PM
- Estimate that:
 - 4 related to WPWMA
 - 9 combo of WPWMA and other sources
 - 35 related to other facilities

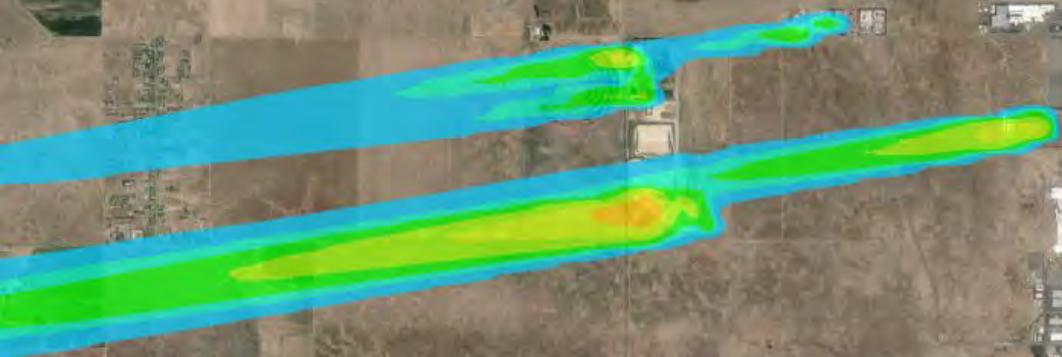


5:59 AM

Map



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02/01/2015 5:59 AM



2000 ft

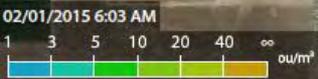


Lat: 38.81358 Lon: -121.39273

6:03 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

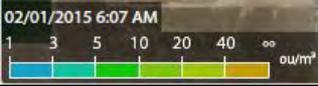


Lat: 38.84203 Lon: -121.37589

6:07 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

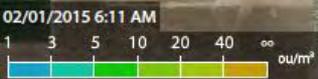


Lat: 38.85187 Lon: -121.39979

6:11 AM

Map

- WPWMA
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2000 ft

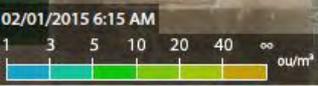


Lat: 38.85567 Lon: -121.39191

Map

6:15 AM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

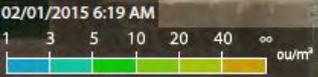


Lat: 38.78046 Lon: -121.39653

6:19 AM

Map

- WPWMA
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2000 ft

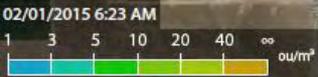


Lat: 38.85546 Lon: -121.39164

6:23 AM

Map

- WPWMA
- Combination of WPWMA and other sources
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2000 ft

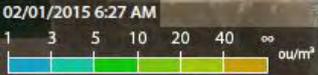


Lat: 38.85546 Lon: -121.39164

6:27 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



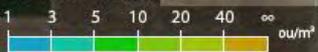
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6:31 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 6:31 AM



2000 ft

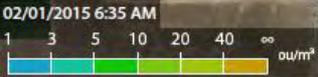


Lat: 38.85049 Lon: -121.39395

6:35 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

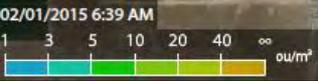


Lat: 38.85567 Lon: -121.39300

6:39 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



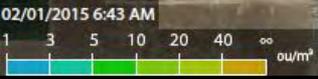
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6:43 AM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

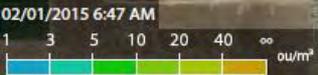


Lat: 38.85546 Lon: -121.38567

6:47 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

WSTU



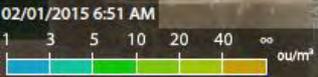
0.00 mph

Lat: 38.84468 Lon: -121.39191

6:51 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

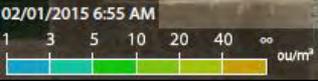
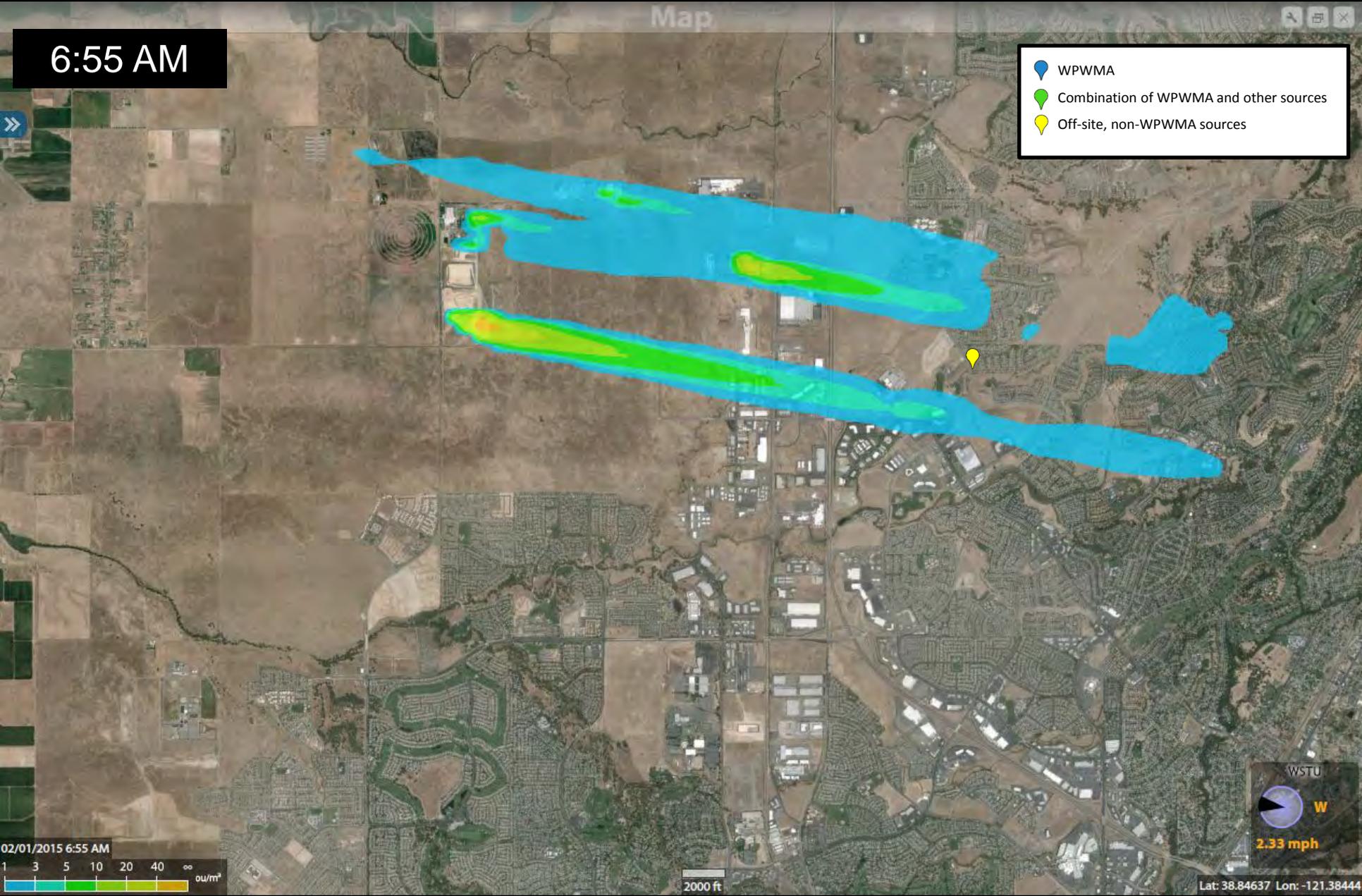


Lat: 38.85419 Lon: -121.39300

6:55 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources

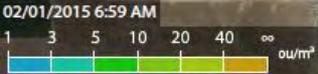
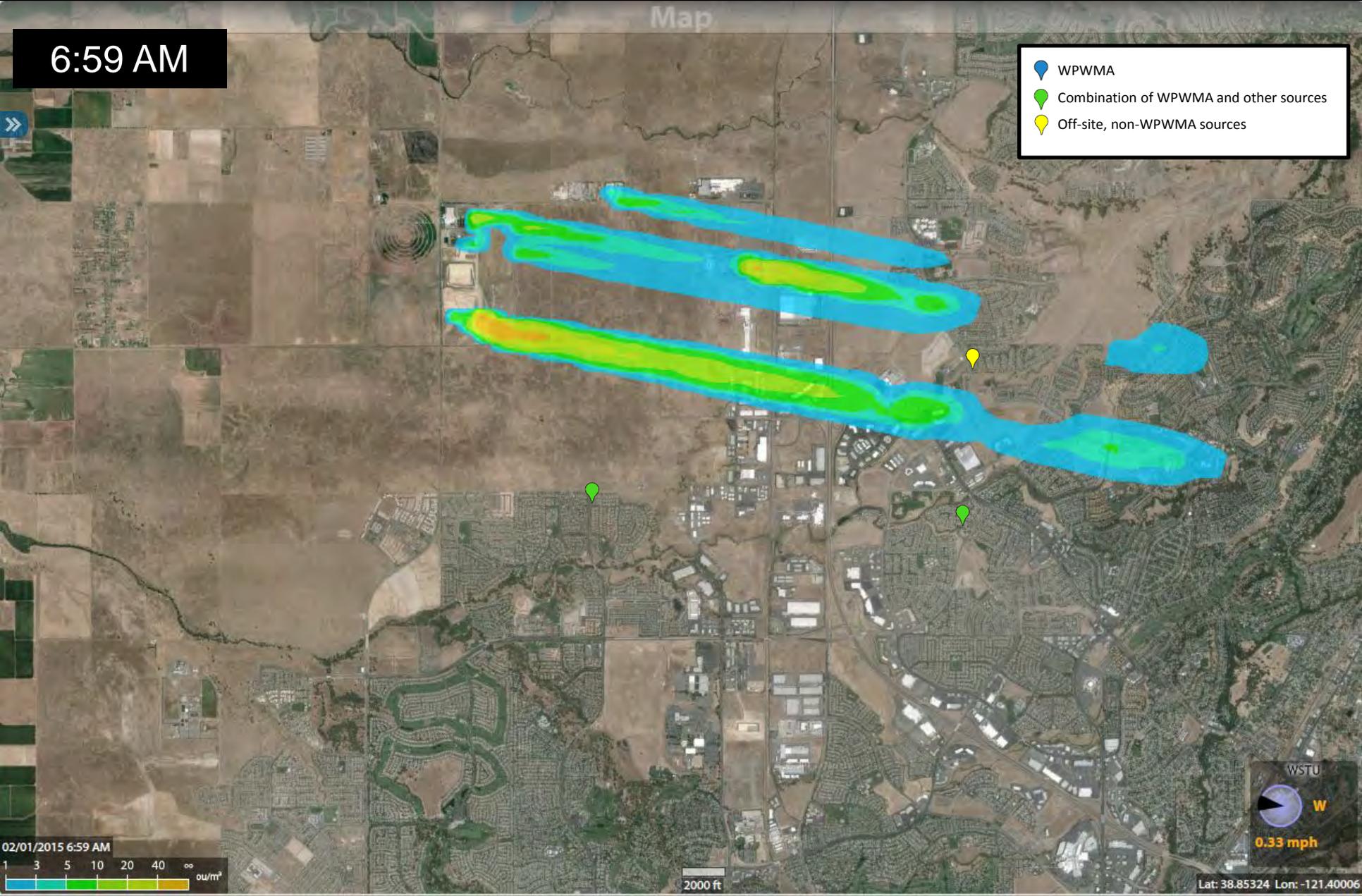


Lat: 38.84637 Lon: -121.38444

6:59 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



Lat: 38.85324 Lon: -121.40006

7:03 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:03 AM



2000 ft

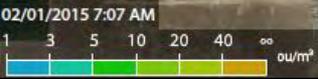


Lat: 38.85504 Lon: -121.38716

7:07 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

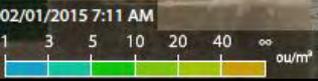


Lat: 38.85504 Lon: -121.38336

7:11 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85504 Lon: -121.38322

7:15 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:15 AM



2000 ft

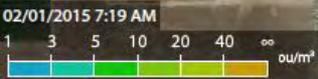


Lat: 38.85536 Lon: -121.39286

7:19 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

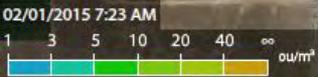


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Map

7:23 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



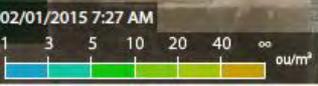
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Map



7:27 AM

-  WPWMA
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2000 ft

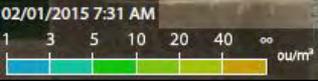
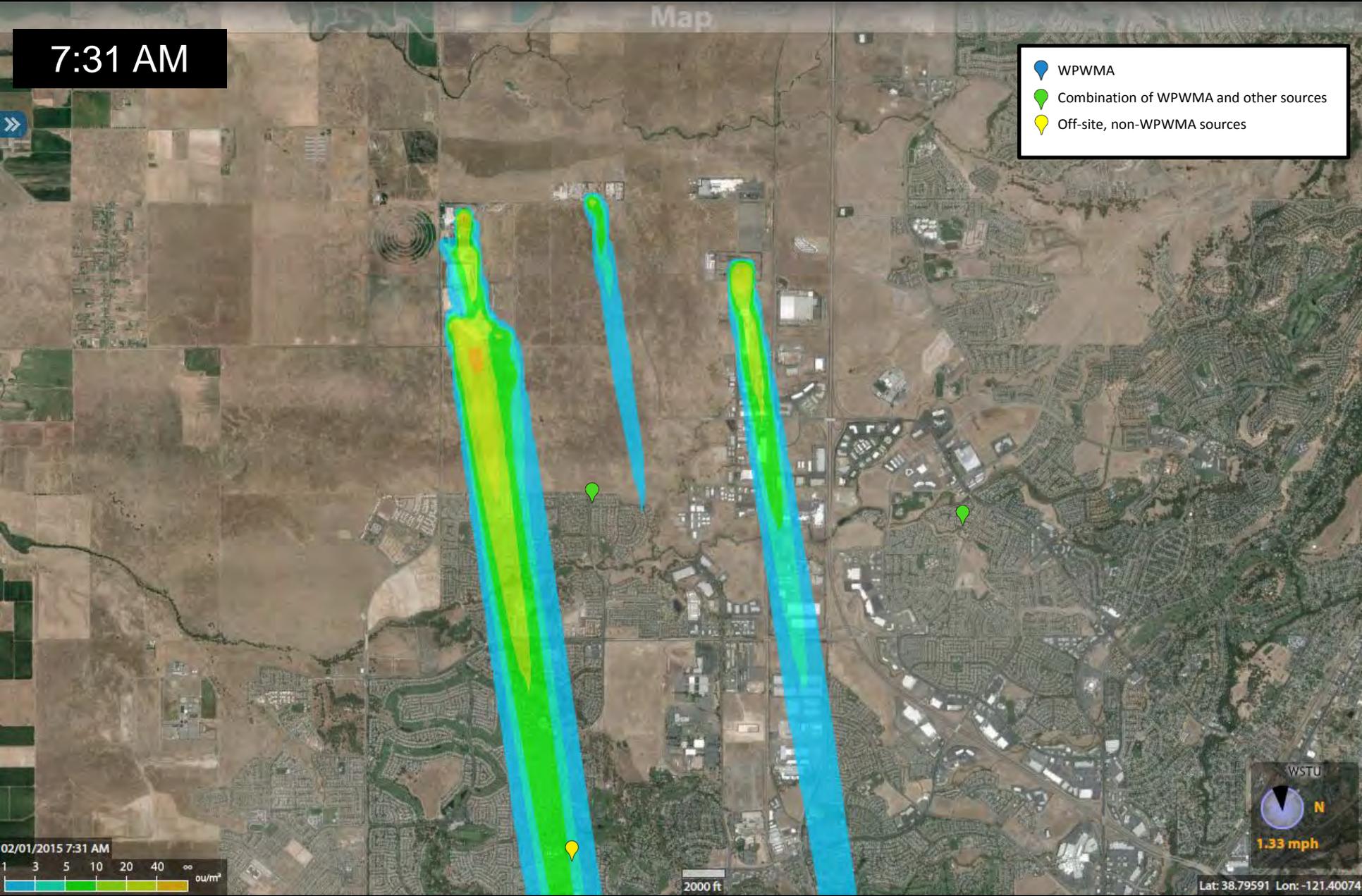


Lat: 38.84944 Lon: -121.38892

7:31 AM

Map

- WPWMA
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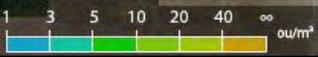
Lat: 38.79591 Lon: -121.40074

7:35 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources

02/01/2015 7:35 AM



2000 ft

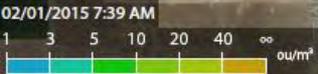


Lat: 38.83770 Lon: -121.40372

7:39 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

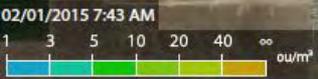
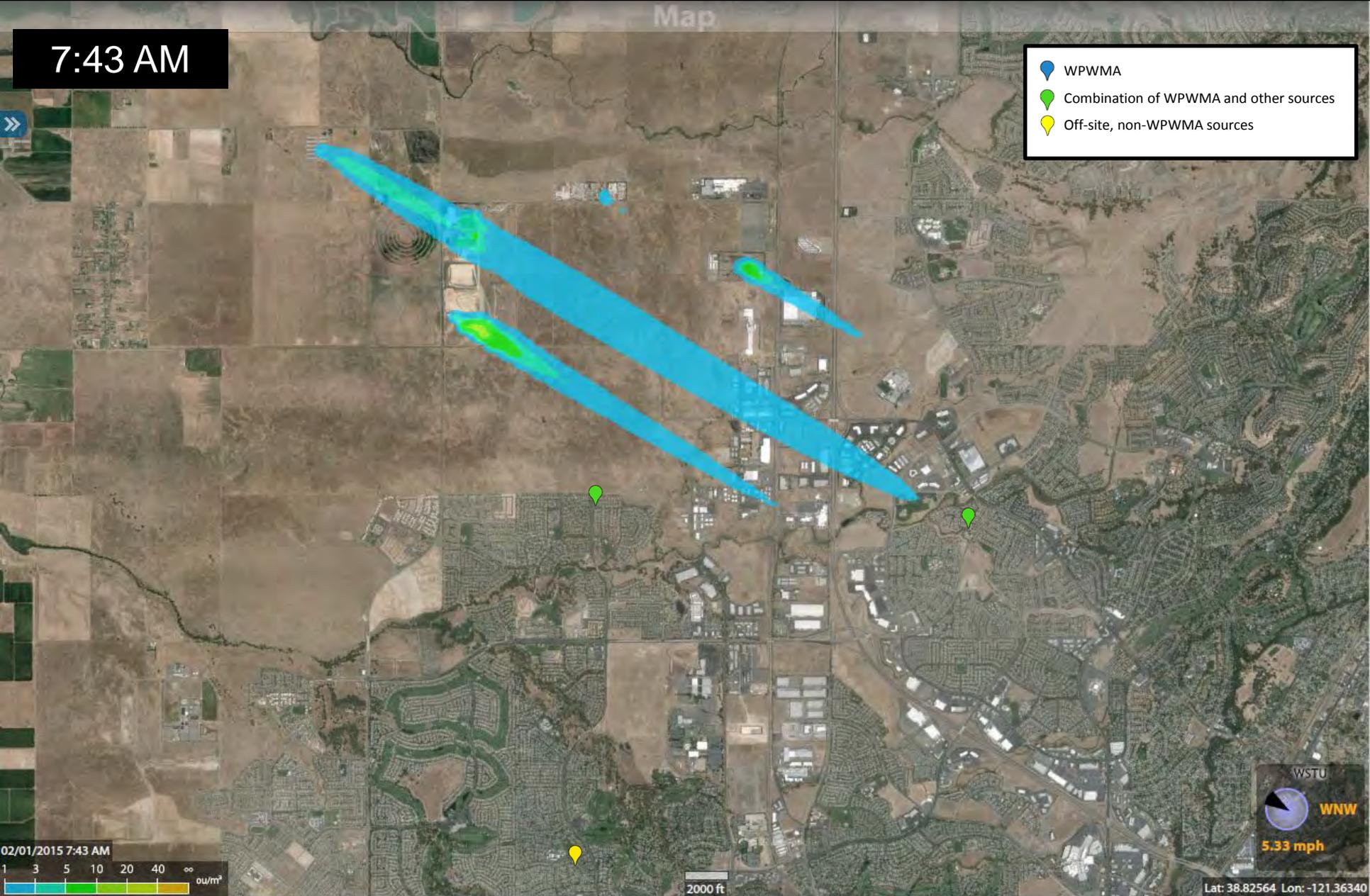


Lat: 38.85567 Lon: -121.40074

Map

7:43 AM

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

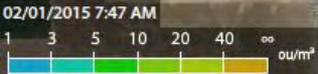


Lat: 38.82564 Lon: -121.36340

7:47 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

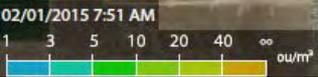


Lat: 38.85240 Lon: -121.38865

7:51 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

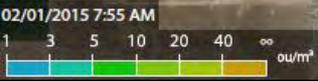


Lat: 38.84933 Lon: -121.39205

7:55 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

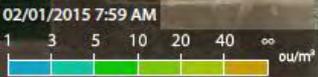


Lat: 38.85271 Lon: -121.37670

7:59 AM

Map

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2000 ft

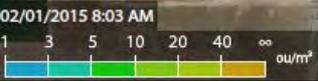


Lat: 38.80322 Lon: -121.39761

8:03 AM

Map

- WPWMA
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2000 ft

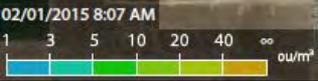
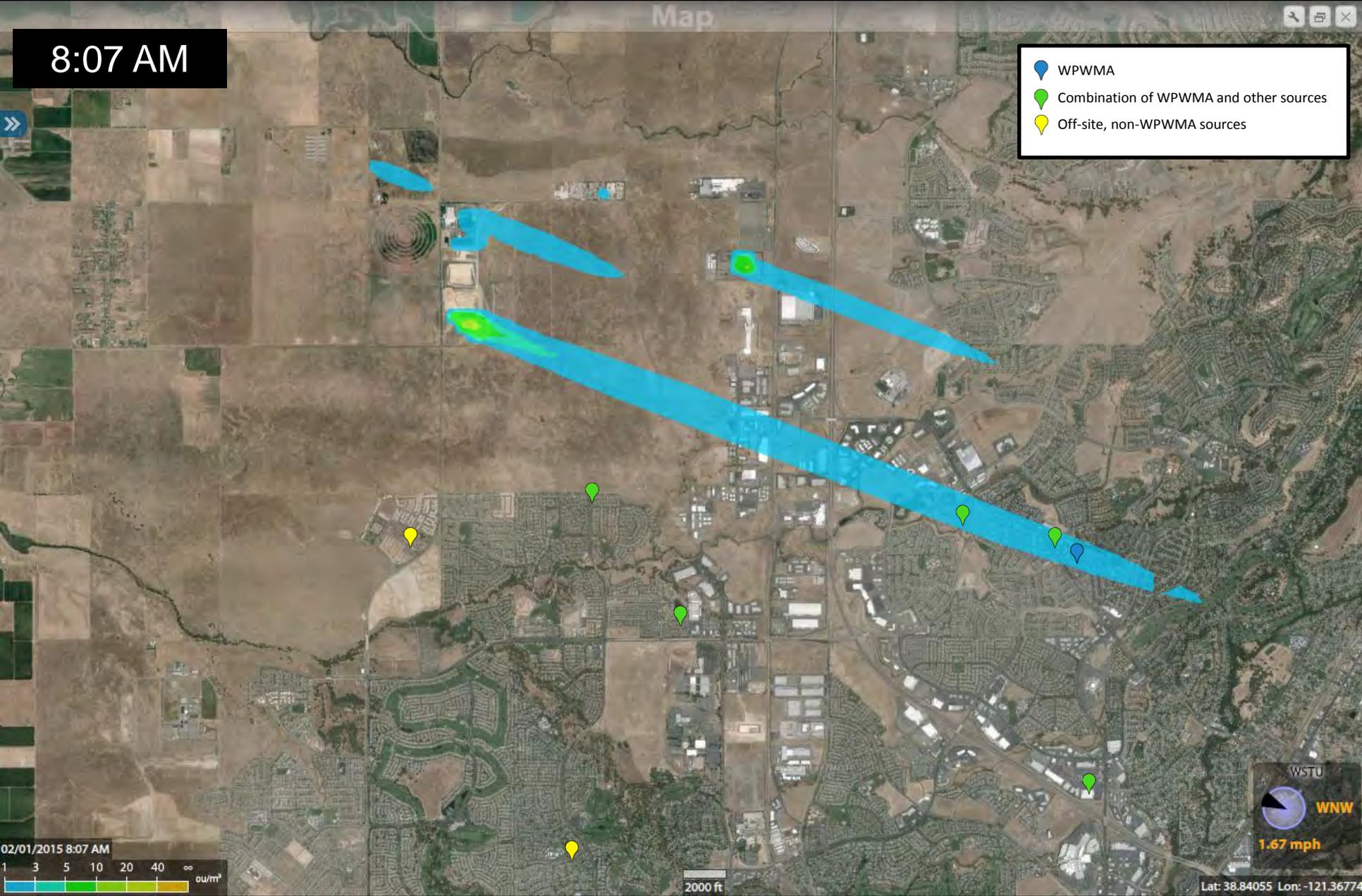


Lat: 38.85123 Lon: -121.38309

8:07 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources

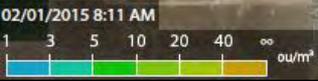


Lat: 38.84055 Lon: -121.36774

8:11 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

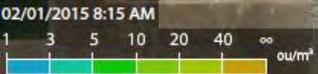


Lat: 38.78851 Lon: -121.40386

8:15 AM

Map

- WPWMA
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- Off-site, non-WPWMA sources



2000 ft

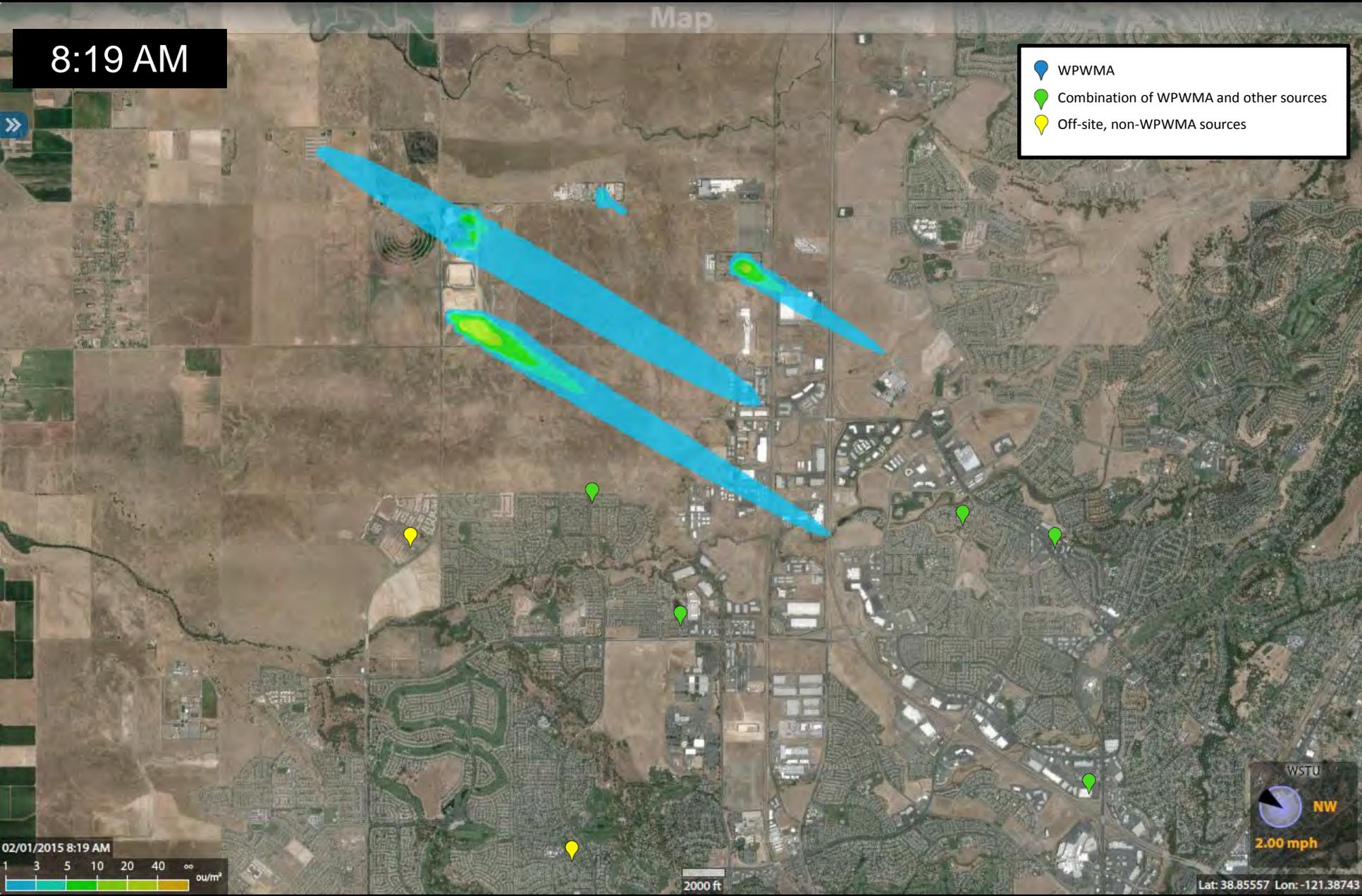


Lat: 38.84912 Lon: -121.35376

8:19 AM

Map

- WPWMA
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2000 ft



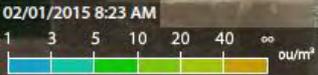
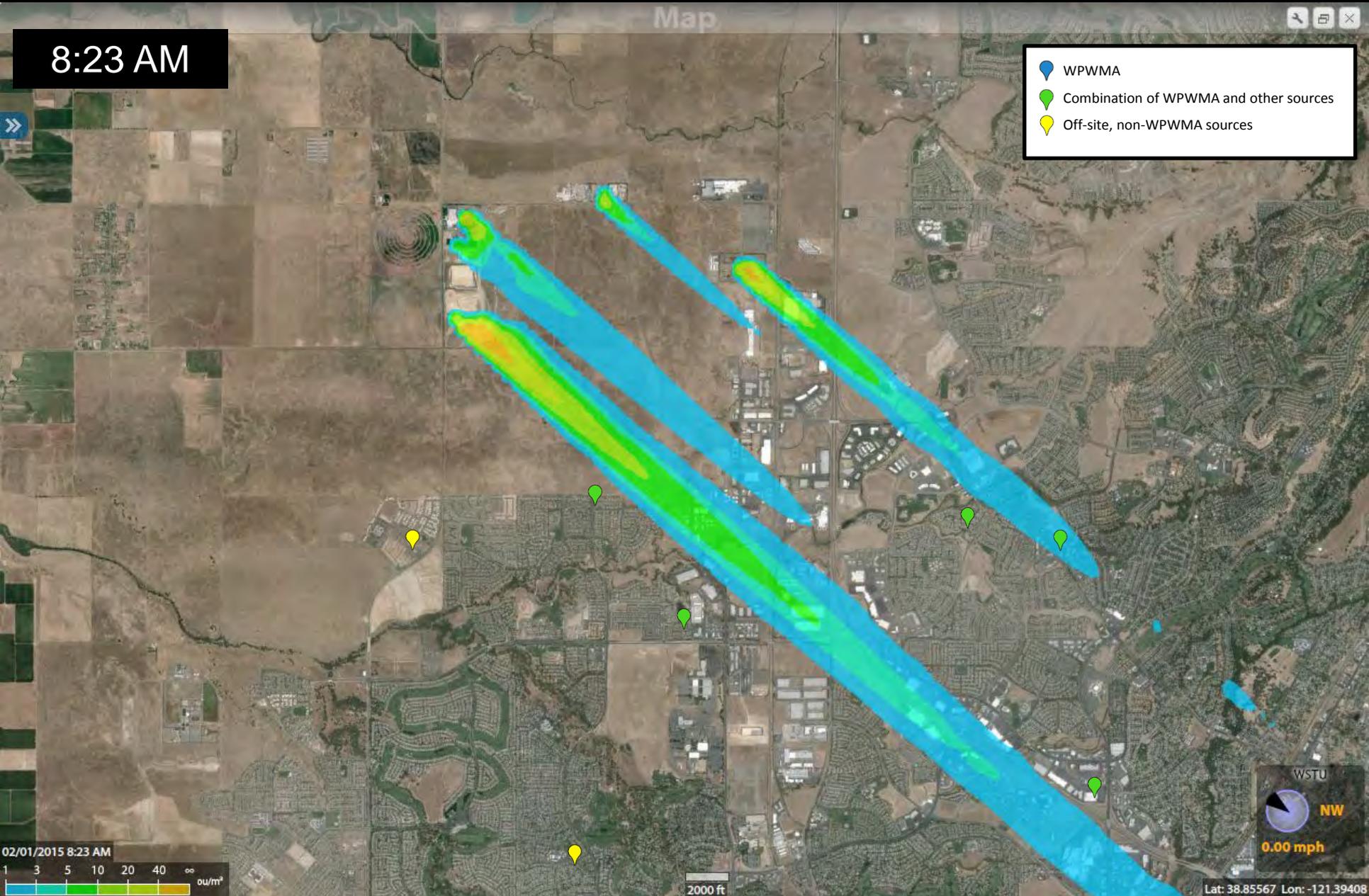
Lat: 38.85557 Lon: -121.38743

8:23 AM

Map



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-  Off-site, non-WPWMA sources



2000 ft

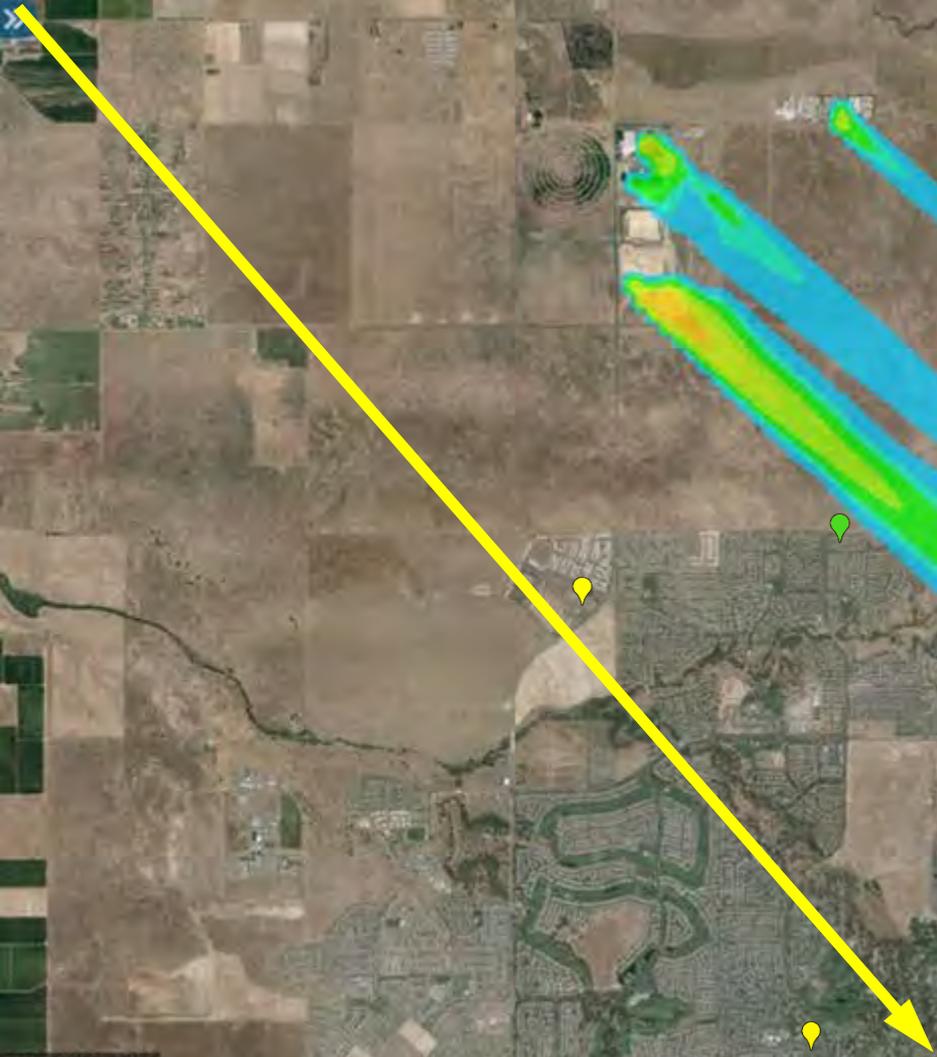


Lat: 38.85567 Lon: -121.39408

8:27 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 7:23 AM

1 3 5 10 20 40 m

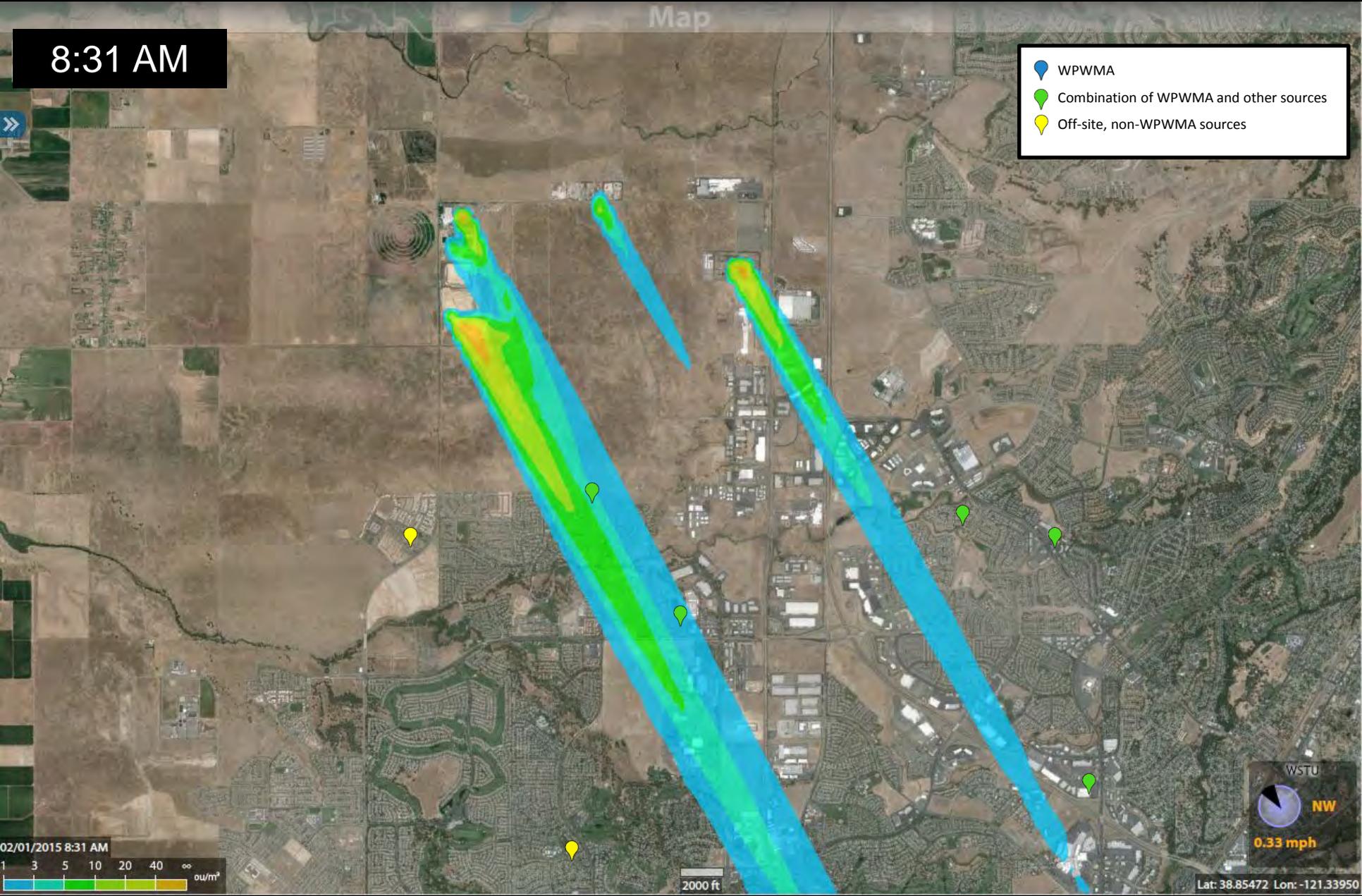


0.00 mph

8:31 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 8:31 AM
1 3 5 10 20 40 ∞
 du/m^3

2000 ft

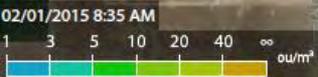
WSTU
NW
0.33 mph

Lat: 38.85472 Lon: -121.33950

8:35 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

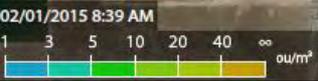


Lat: 38.85303 Lon: -121.39924

8:39 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.84426 Lon: -121.39816

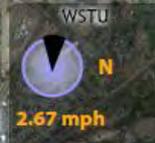
8:43 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



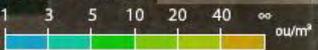
Lat: 38.85536 Lon: -121.39707

8:47 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 8:47 AM



2000 ft

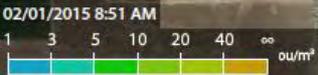


Lat: 38.85451 Lon: -121.39463

8:51 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

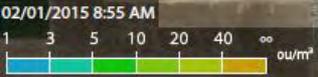
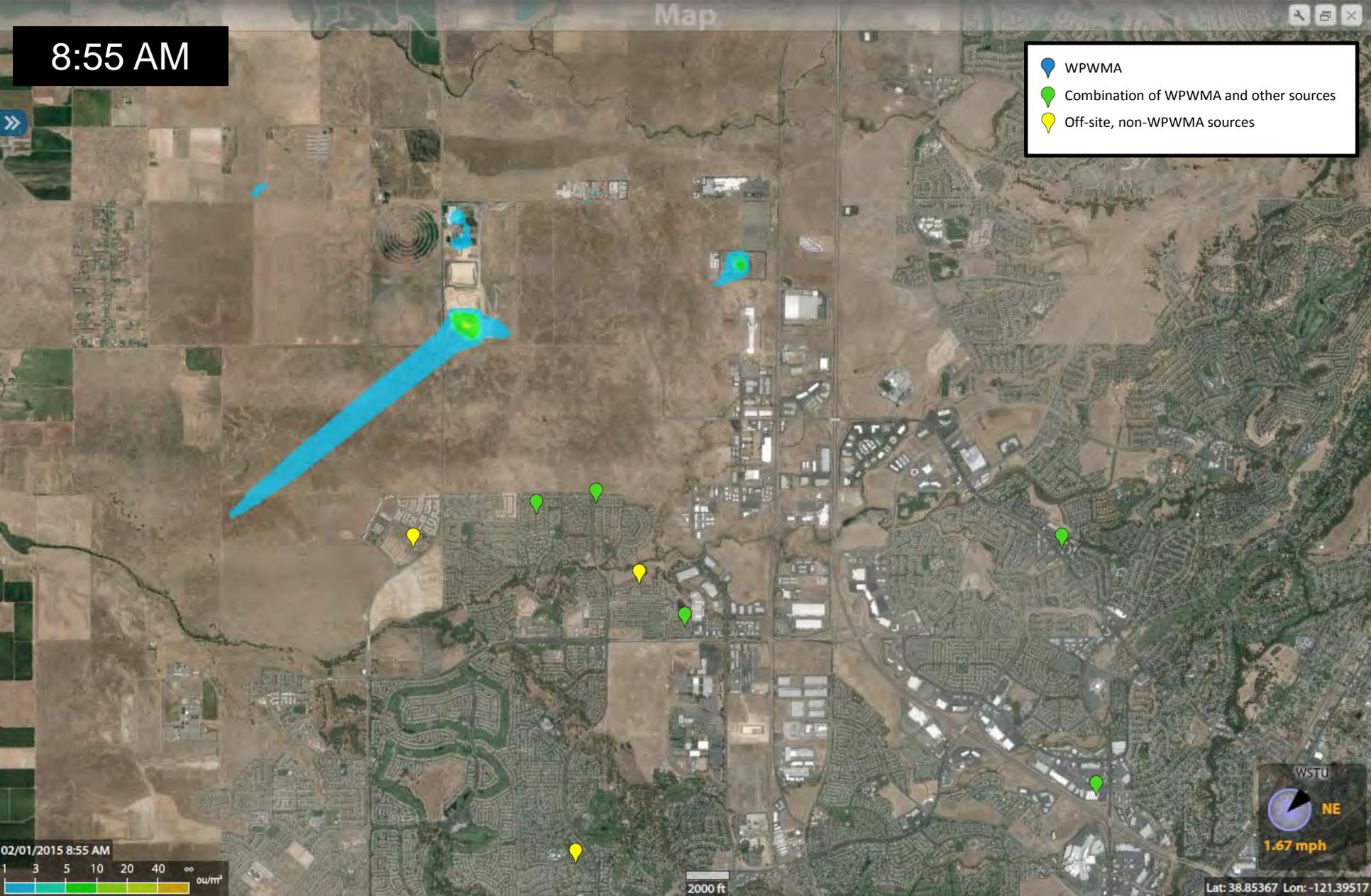


Lat: 38.85419 Lon: -121.37983

8:55 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

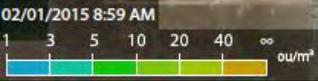
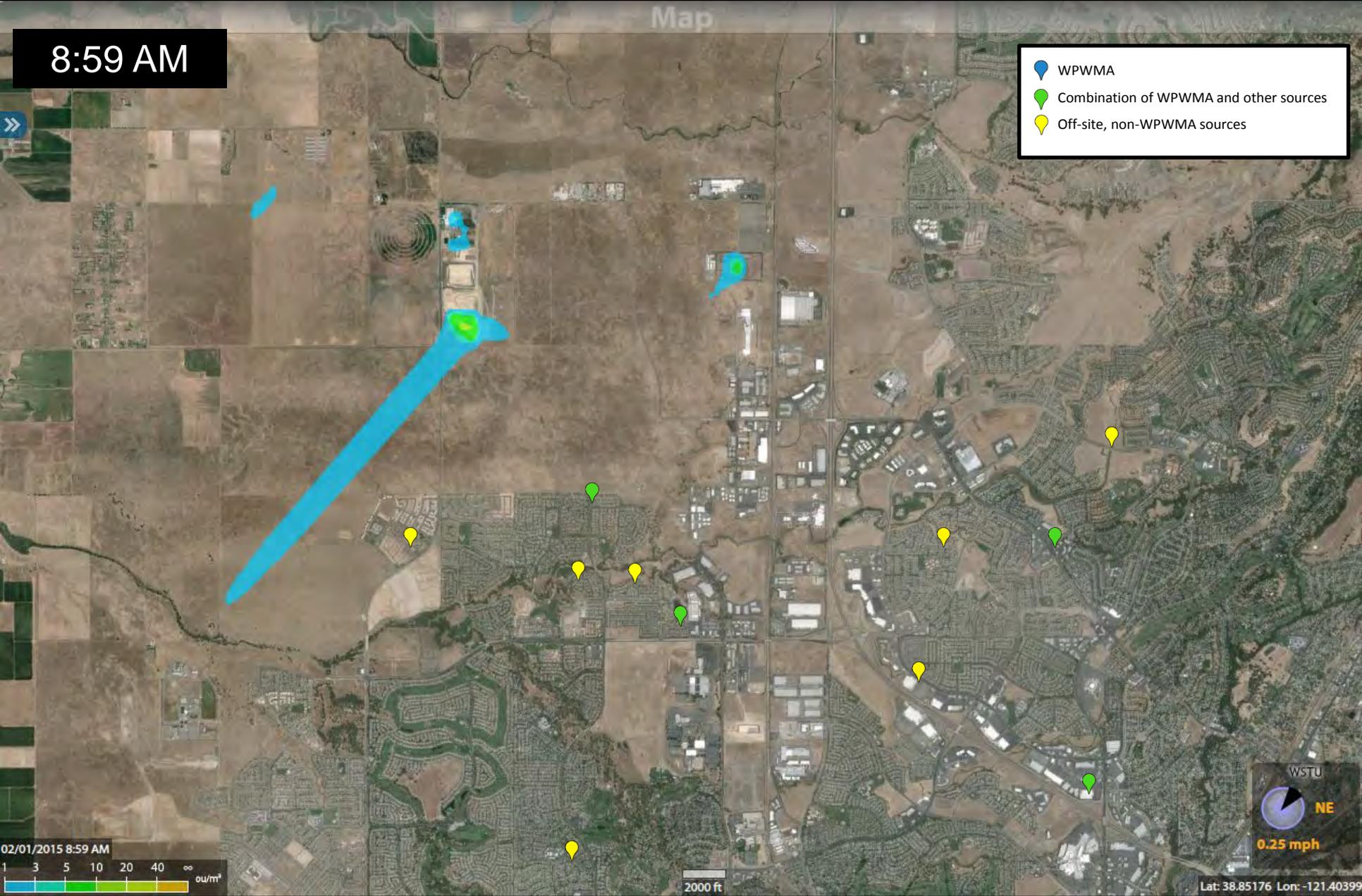


Lat: 38.85367 Lon: -121.39517

Map

8:59 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

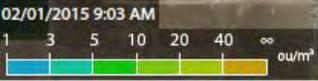


Lat: 38.85176 Lon: -121.40399

9:03 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.82850 Lon: -121.39395

9:07 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 9:07 AM



2000 ft



Lat: 38.84975 Lon: -121.38458

9:11 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.84891 Lon: -121.39245

9:15 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 9:15 AM



2000 ft

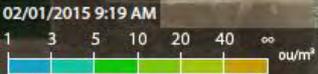


Lat: 38.85567 Lon: -121.37915

9:19 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

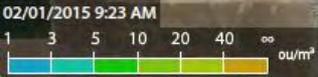


Lat: 38.85335 Lon: -121.34222

9:23 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

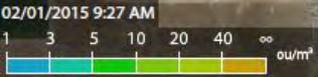


Lat: 38.84954 Lon: -121.38254

9:27 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

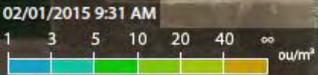


Lat: 38.85250 Lon: -121.35919

9:31 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

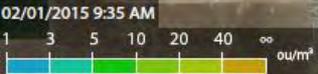


Lat: 38.85567 Lon: -121.38241

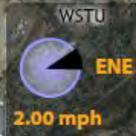
9:35 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

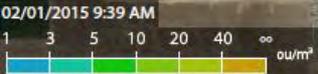


Lat: 38.85314 Lon: -121.39395

9:39 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

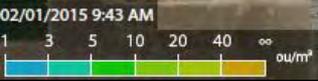


Lat: 38.84151 Lon: -121.39164

9:43 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.84584 Lon: -121.38227

9:47 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 9:47 AM



2000 ft



Lat: 38.85123 Lon: -121.39137

9:51 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

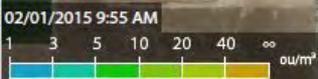


Lat: 38.85409 Lon: -121.40332

9:55 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

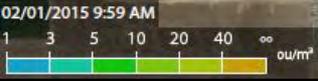


Lat: 38.85567 Lon: -121.40033

Map

9:59 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



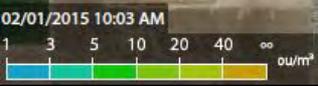
Lat: 38.77644 Lon: -121.40386

10:03 AM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

WSTU

0.00 mph

Lat: 38.83812 Lon: -121.38295

10:07 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 10:07 AM



2000 ft

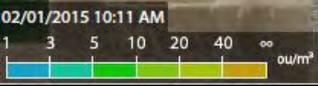


Lat: 38.84584 Lon: -121.39408

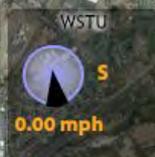
10:11 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

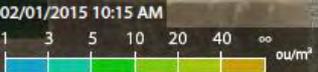
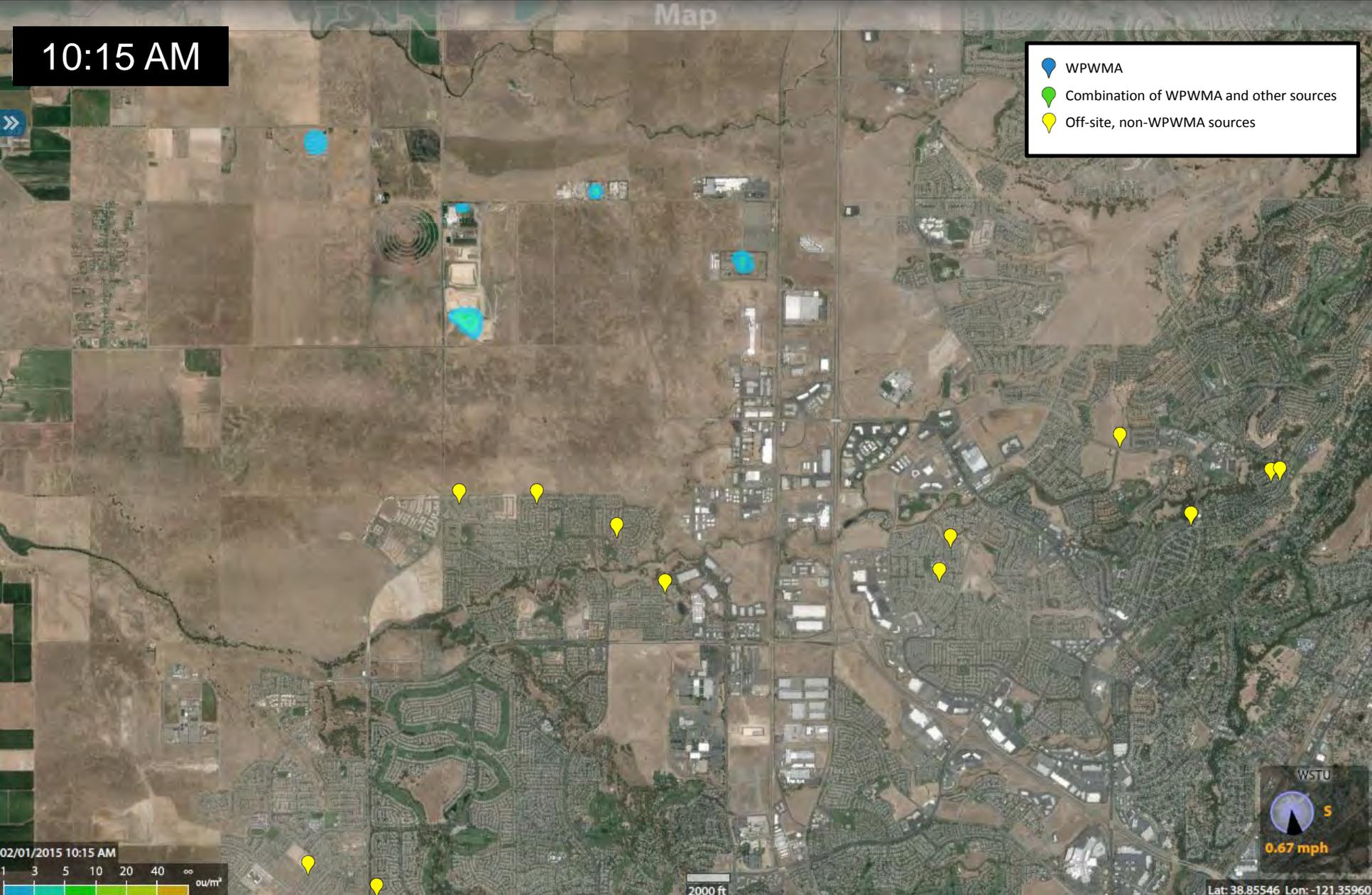


Lat: 38.85557 Lon: -121.34751

Map

10:15 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



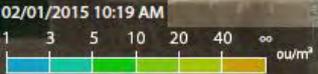
2000 ft

Lat: 38.85546 Lon: -121.35960

10:19 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85546 Lon: -121.35960

10:23 AM

Map



- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 10:23 AM



2000 ft

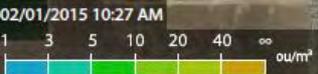


Lat: 38.85451 Lon: -121.39381

10:27 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85398 Lon: -121.40386

10:31 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 10:31 AM



2000 ft



Lat: 38.84975 Lon: -121.35037

10:35 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 10:35 AM



2000 ft

WSTU

WSW
1.33 mph

Lat: 38.85536 Lon: -121.39802

10:39 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 10:39 AM



2000 ft

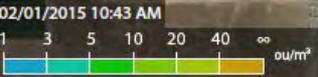


Lat: 38.85250 Lon: -121.39951

10:43 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

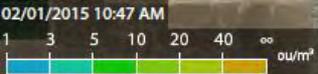
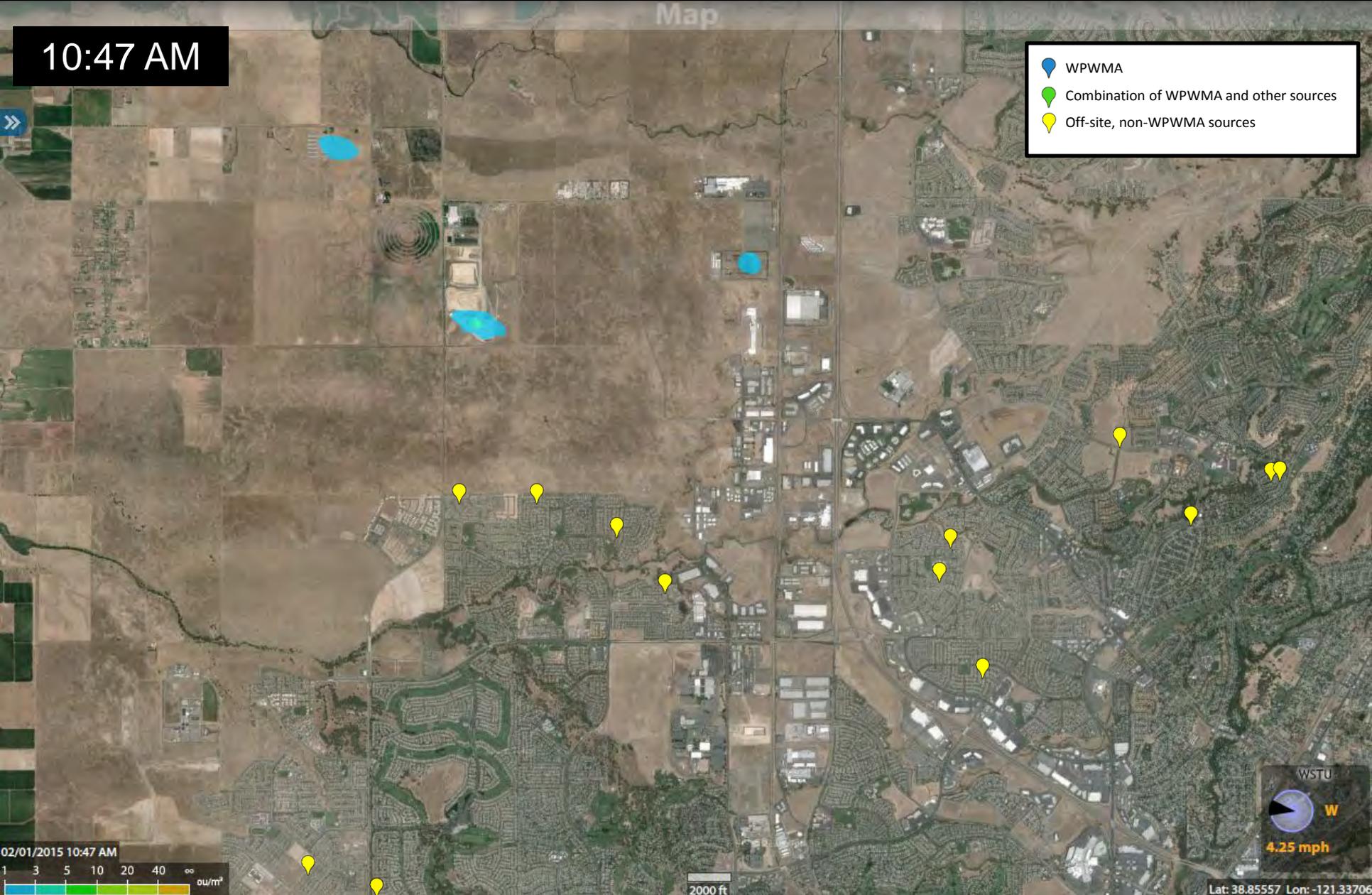


Lat: 38.84711 Lon: -121.38417

Map

10:47 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

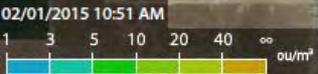


Lat: 38.85557 Lon: -121.33706

10:51 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

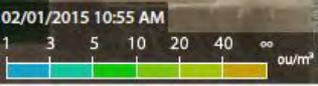


Lat: 38.85282 Lon: -121.39788

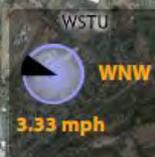
Map

10:55 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

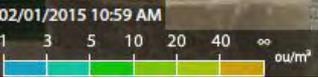


Lat: 38.77612 Lon: -121.40291

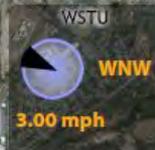
10:59 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

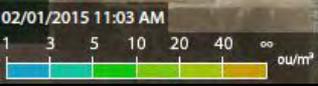
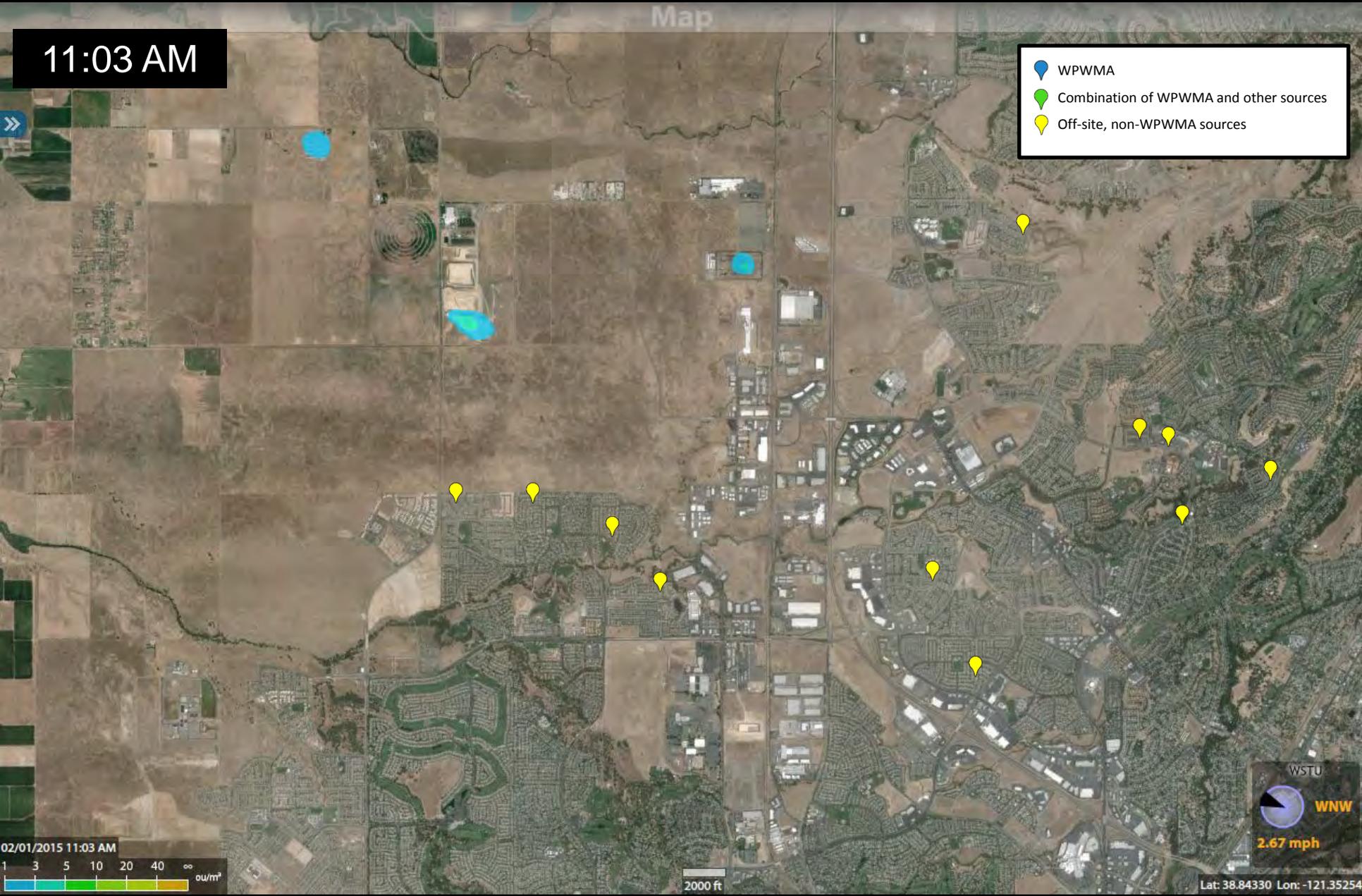


Lat: 38.84933 Lon: -121.34684

Map

11:03 AM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

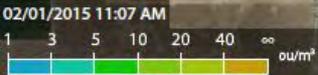


Lat: 38.84330 Lon: -121.35254

11:07 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

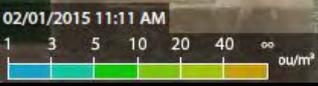


Lat: 38.85504 Lon: -121.39286

11:11 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

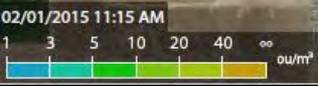


Lat: 38.85546 Lon: -121.39096

11:15 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

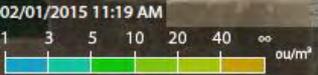


Lat: 38.85546 Lon: -121.38607

11:19 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

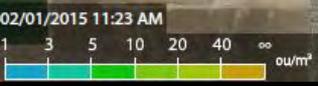


Lat: 38.85536 Lon: -121.37250

11:23 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

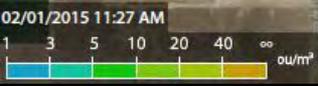


Lat: 38.85515 Lon: -121.39408

11:27 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

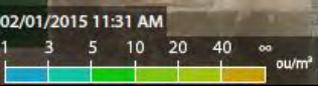


Lat: 38.84077 Lon: -121.39585

11:31 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

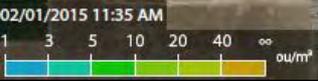


Lat: 38.85515 Lon: -121.35308

11:35 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

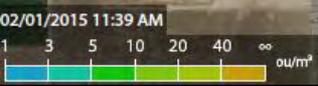


Lat: 38.85515 Lon: -121.35308

11:39 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

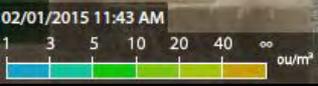


Lat: 38.85081 Lon: -121.39164

11:43 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

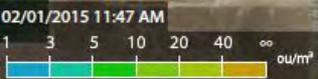


Lat: 38.83368 Lon: -121.36530

11:47 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

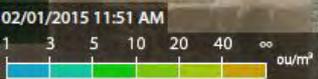


Lat: 38.85546 Lon: -121.28818

11:51 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

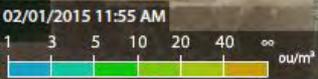


Lat: 38.84743 Lon: -121.39626

11:55 AM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

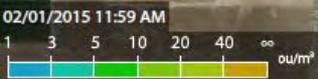


Lat: 38.84447 Lon: -121.36503

11:59 AM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.81411 Lon: -121.35091

12:03 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85567 Lon: -121.37738

12:07 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

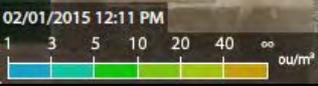


Lat: 38.84542 Lon: -121.39218

12:11 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

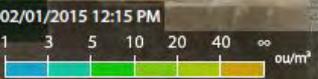


Lat: 38.85049 Lon: -121.39232

12:15 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.84880 Lon: -121.37874

12:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.84806 Lon: -121.40236

12:23 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 12:23 PM



2000 ft



Lat: 38.84859 Lon: -121.36476

12:27 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 12:27 PM



2000 ft



Lat: 38.84690 Lon: -121.39897

12:31 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 12:31 PM



2000 ft



Lat: 38.85335 Lon: -121.39951

Map

12:35 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 12:35 PM



2000 ft



Lat: 38.85525 Lon: -121.40046

12:39 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 12:39 PM



2000 ft

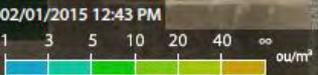


Lat: 38.83580 Lon: -121.37833

12:43 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85504 Lon: -121.38526

12:47 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

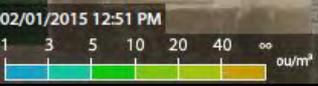
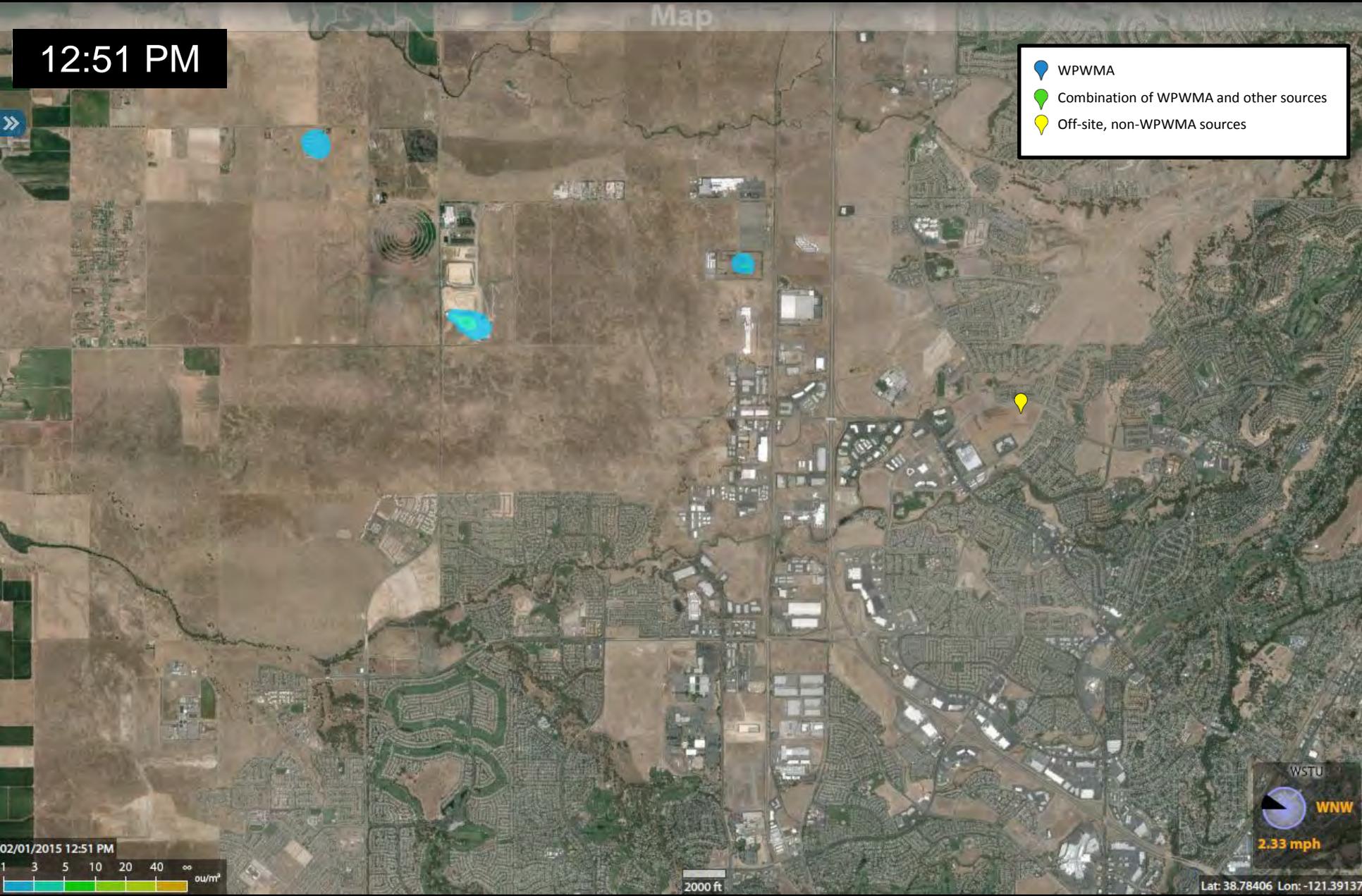


Lat: 38.85557 Lon: -121.39517

Map

12:51 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

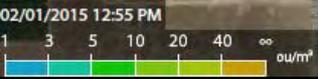


Lat: 38.78406 Lon: -121.39137

12:55 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

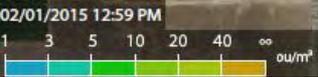


Lat: 38.78406 Lon: -121.39137

12:59 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.83643 Lon: -121.31588

1:03 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

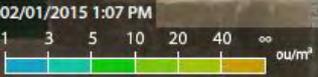


Lat: 38.85504 Lon: -121.40345

1:07 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85515 Lon: -121.37752

1:11 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 1:11 PM



2000 ft

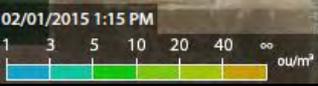
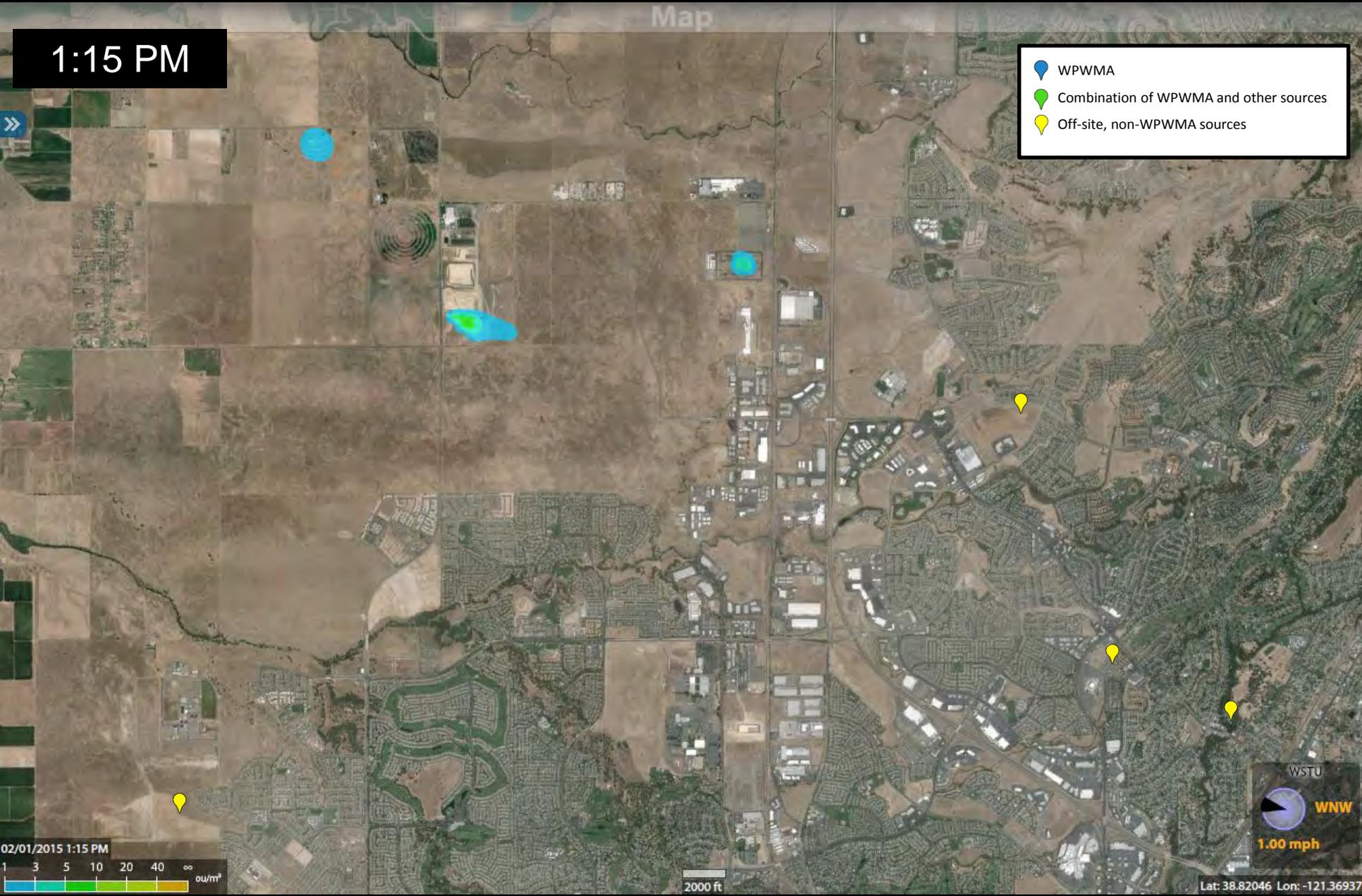


Lat: 38.84658 Lon: -121.39788

Map

1:15 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

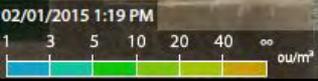


Lat: 38.82046 Lon: -121.36937

1:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

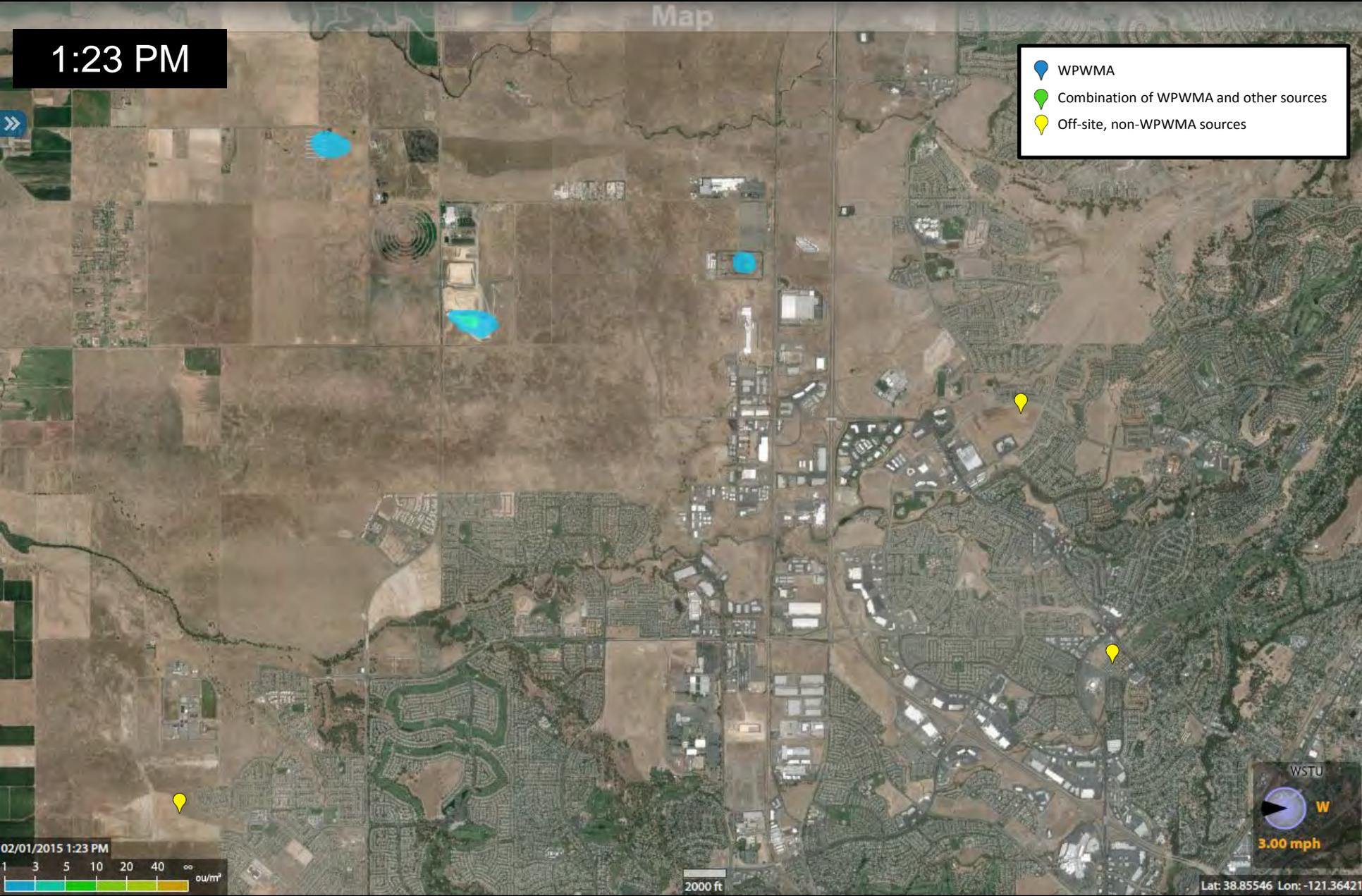


Lat: 38.84796 Lon: -121.32783

Map

1:23 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 1:23 PM
 1 3 5 10 20 40 ∞ ow/m^3

2000 ft

WSTU

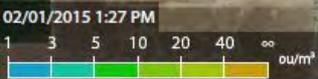
 3.00 mph

Lat: 38.85546 Lon: -121.36421

1:27 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

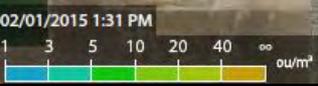
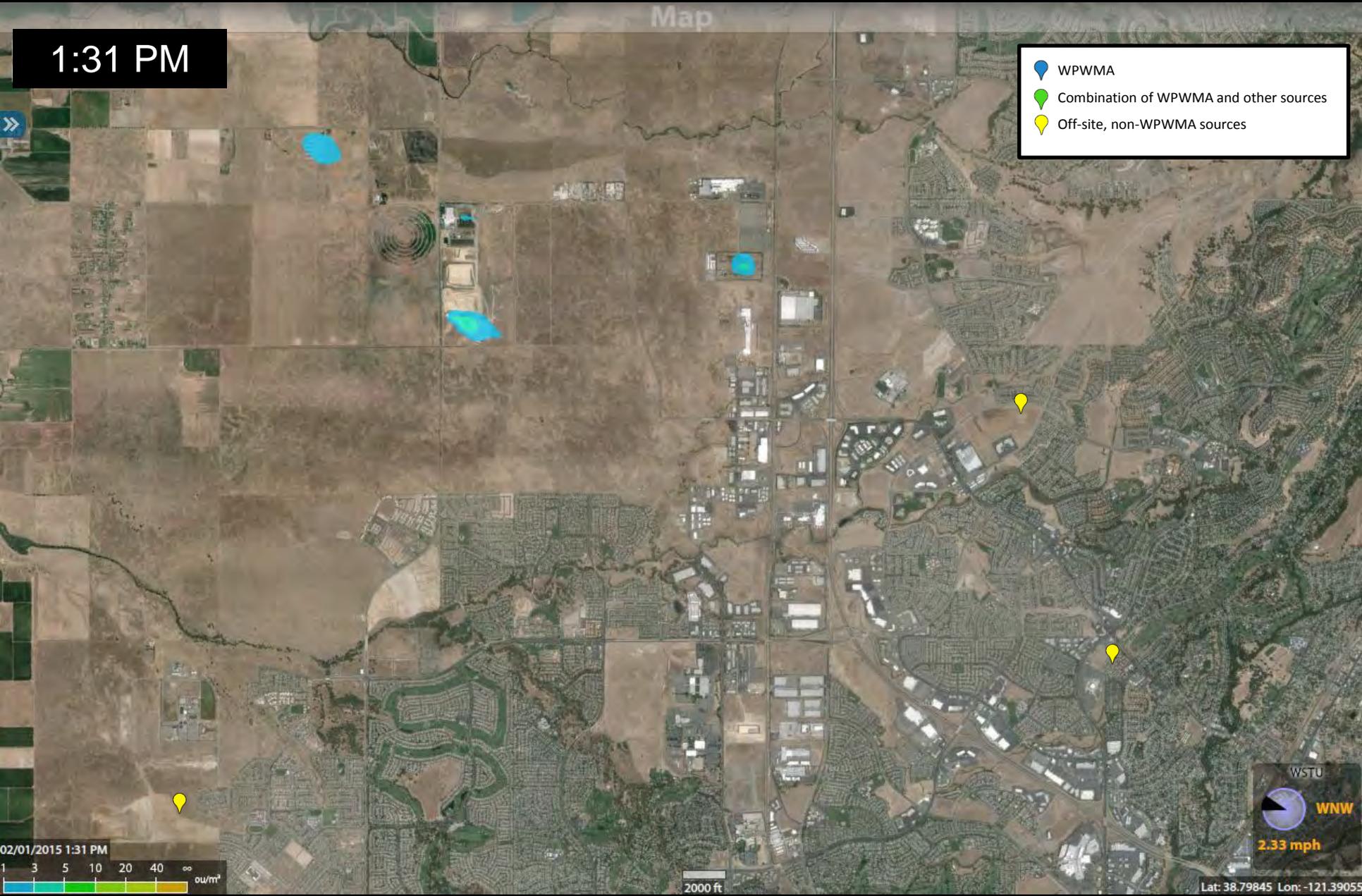


Lat: 38.85557 Lon: -121.39693

Map

1:31 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



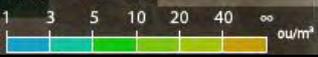
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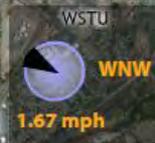
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 1:35 PM



2000 ft

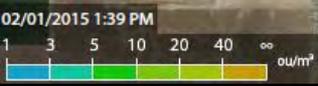
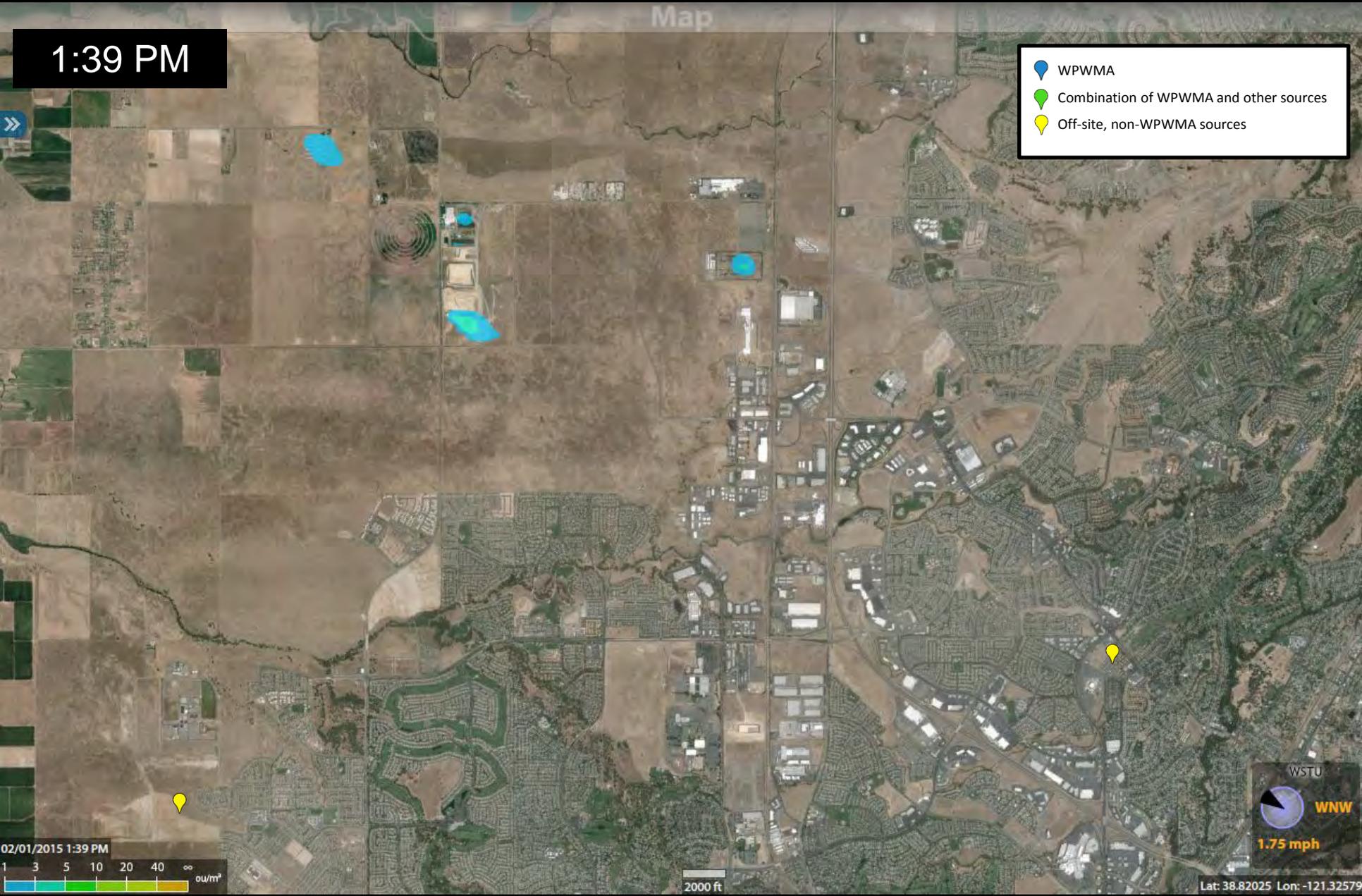


Lat: 38.85557 Lon: -121.38743

Map

1:39 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

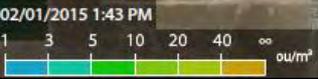
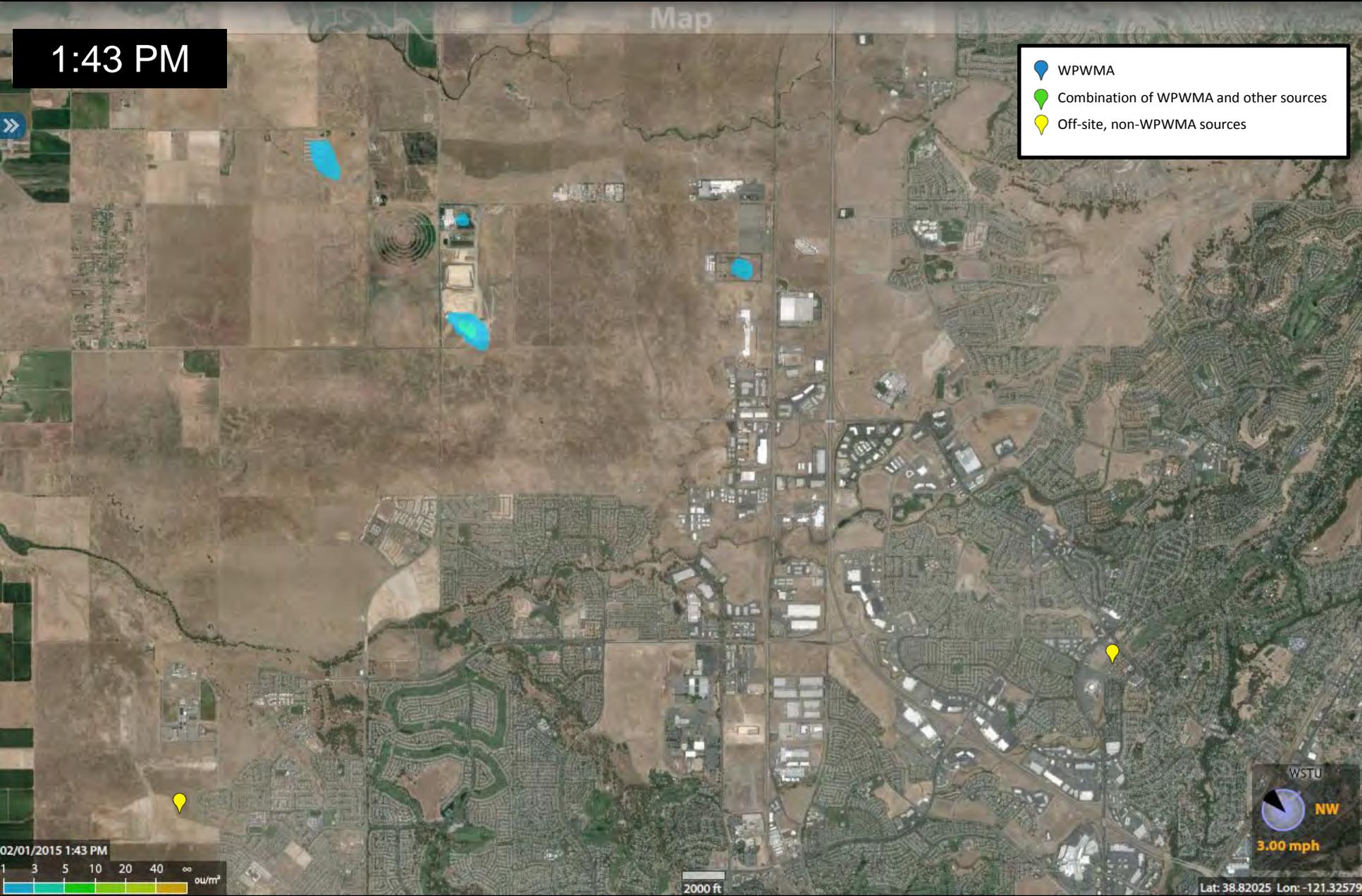


Lat: 38.82025 Lon: -121.32579

Map

1:43 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

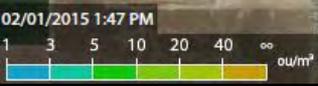
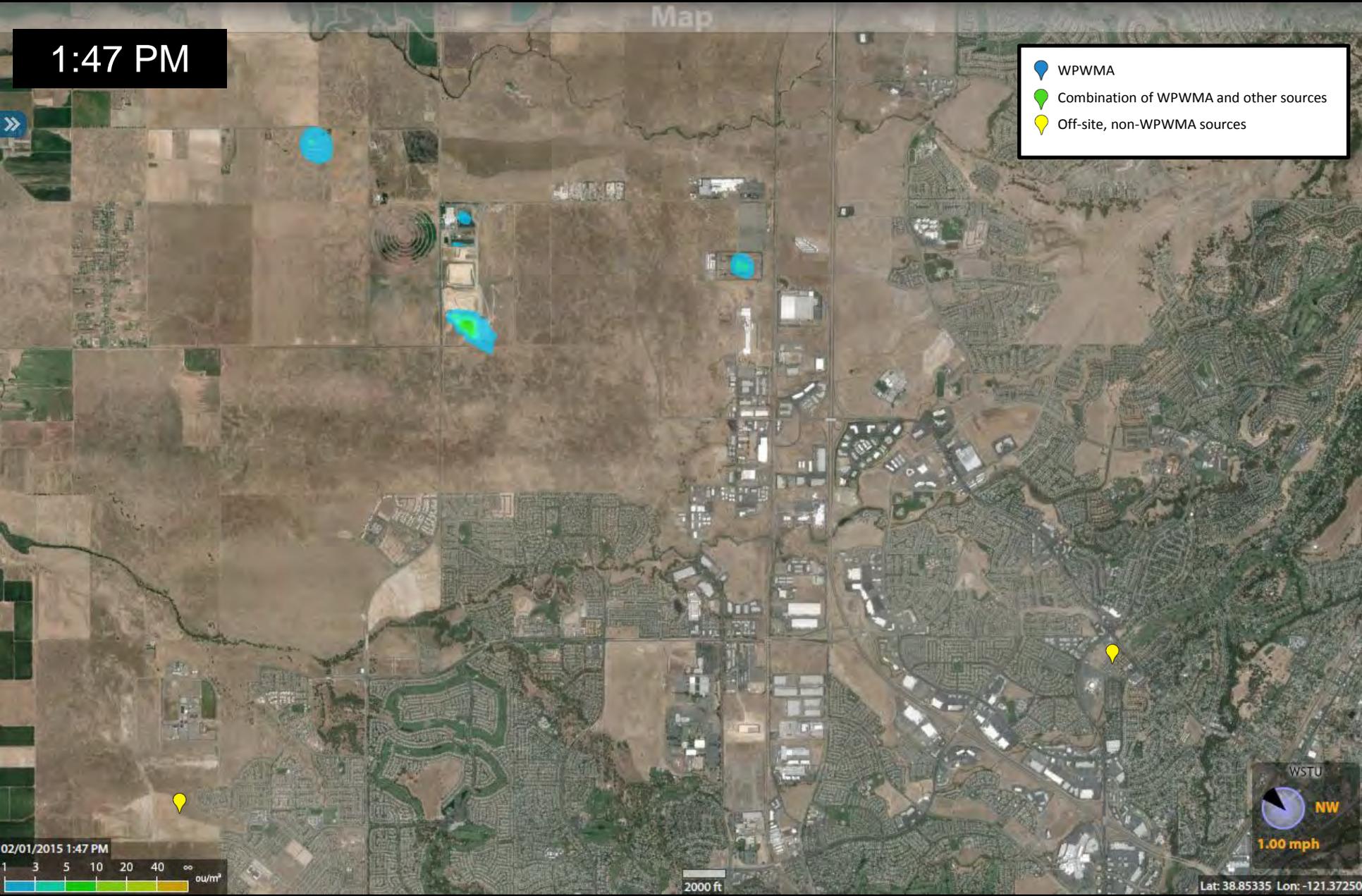


Lat: 38.82025 Lon: -121.32579

Map

1:47 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

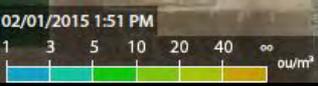


Lat: 38.85335 Lon: -121.37250

1:51 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85557 Lon: -121.38159

1:55 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 1:55 PM



2000 ft



Lat: 38.83992 Lon: -121.37983

1:59 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 1:59 PM



2000 ft

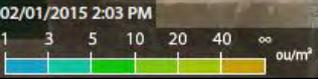
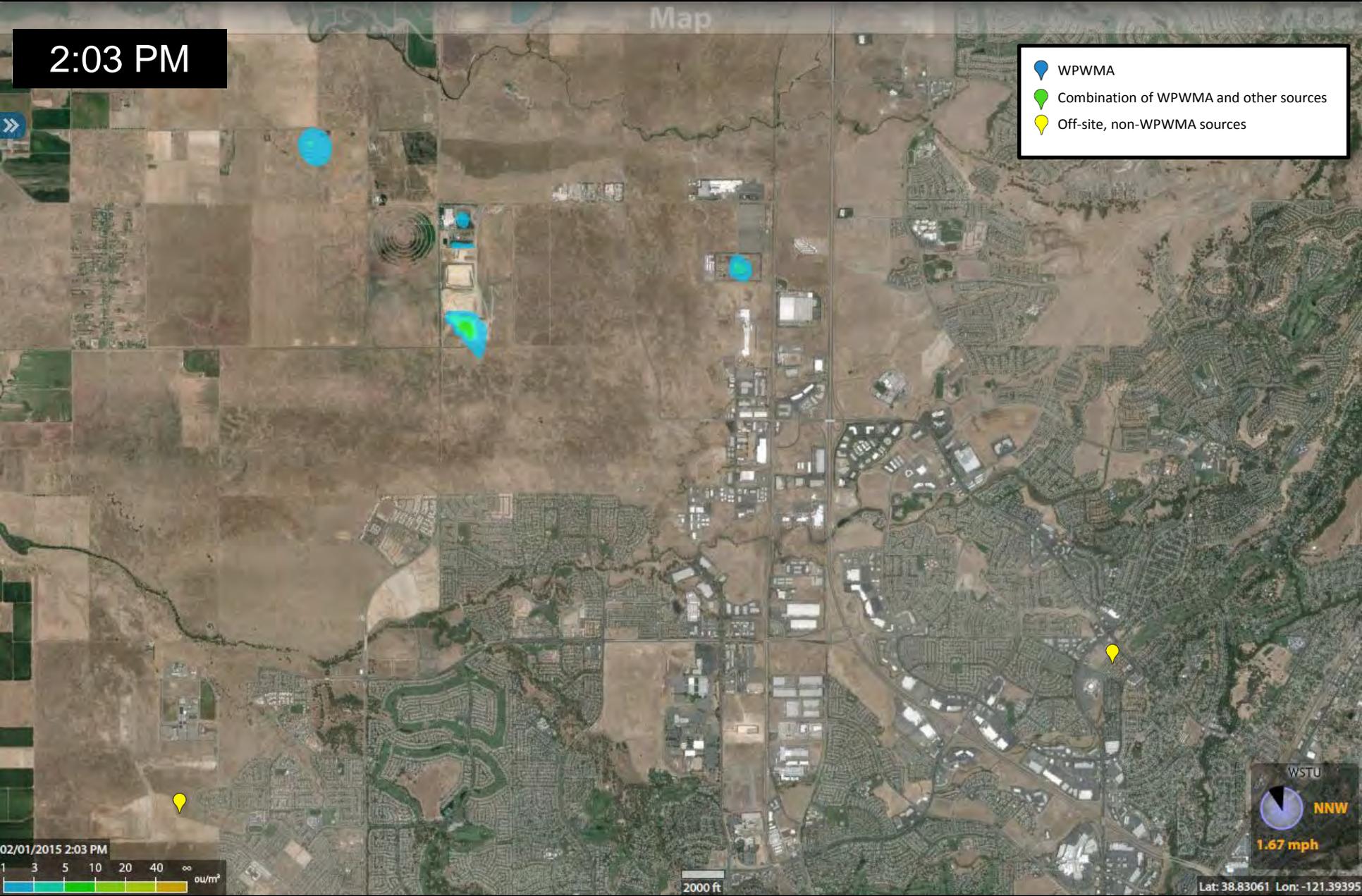


Lat: 38.85557 Lon: -121.36612

Map

2:03 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

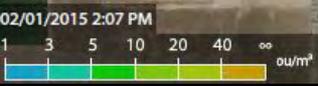
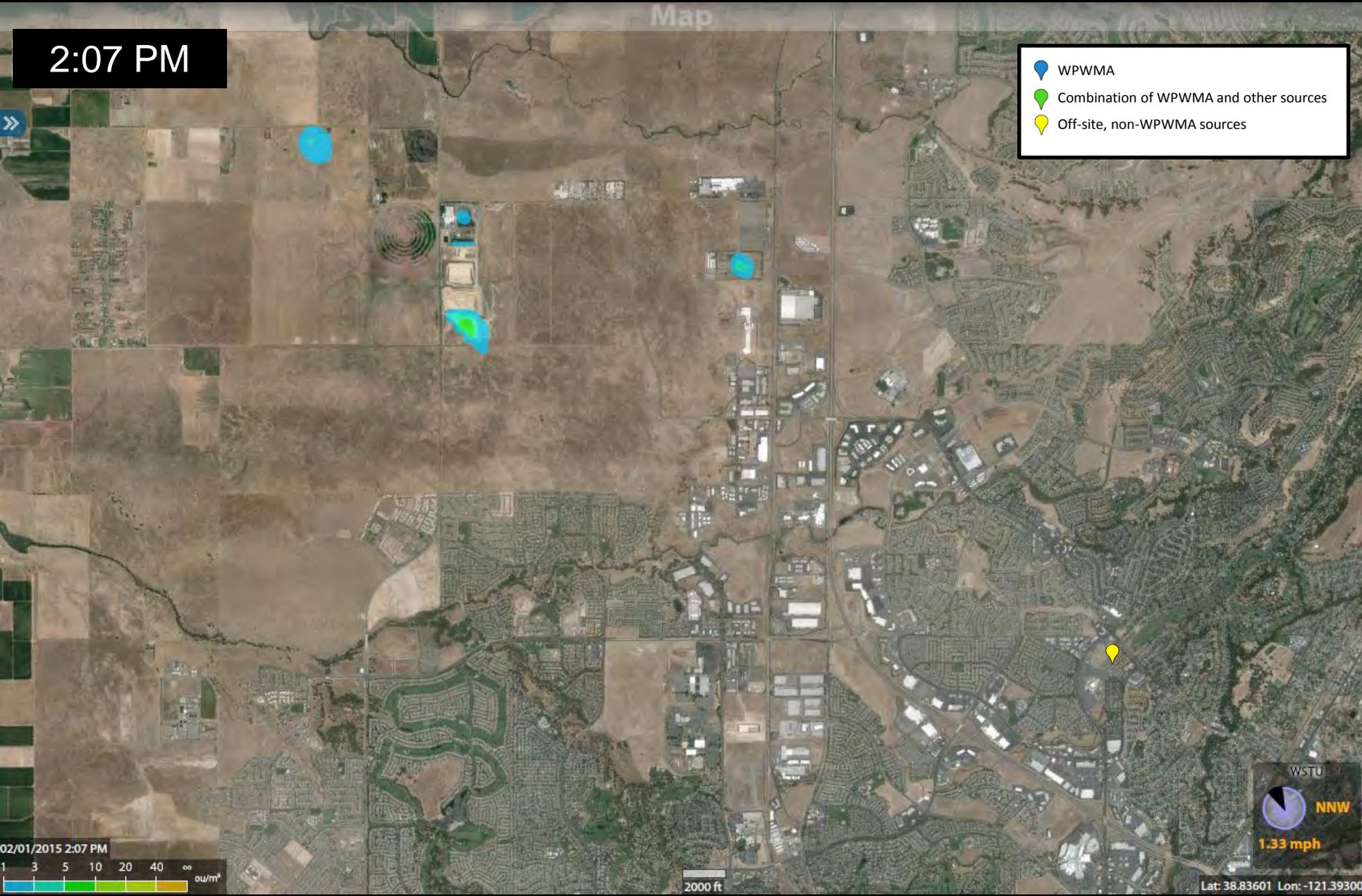


Lat: 38.83061 Lon: -121.39395

Map

2:07 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

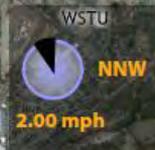
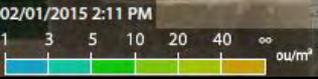
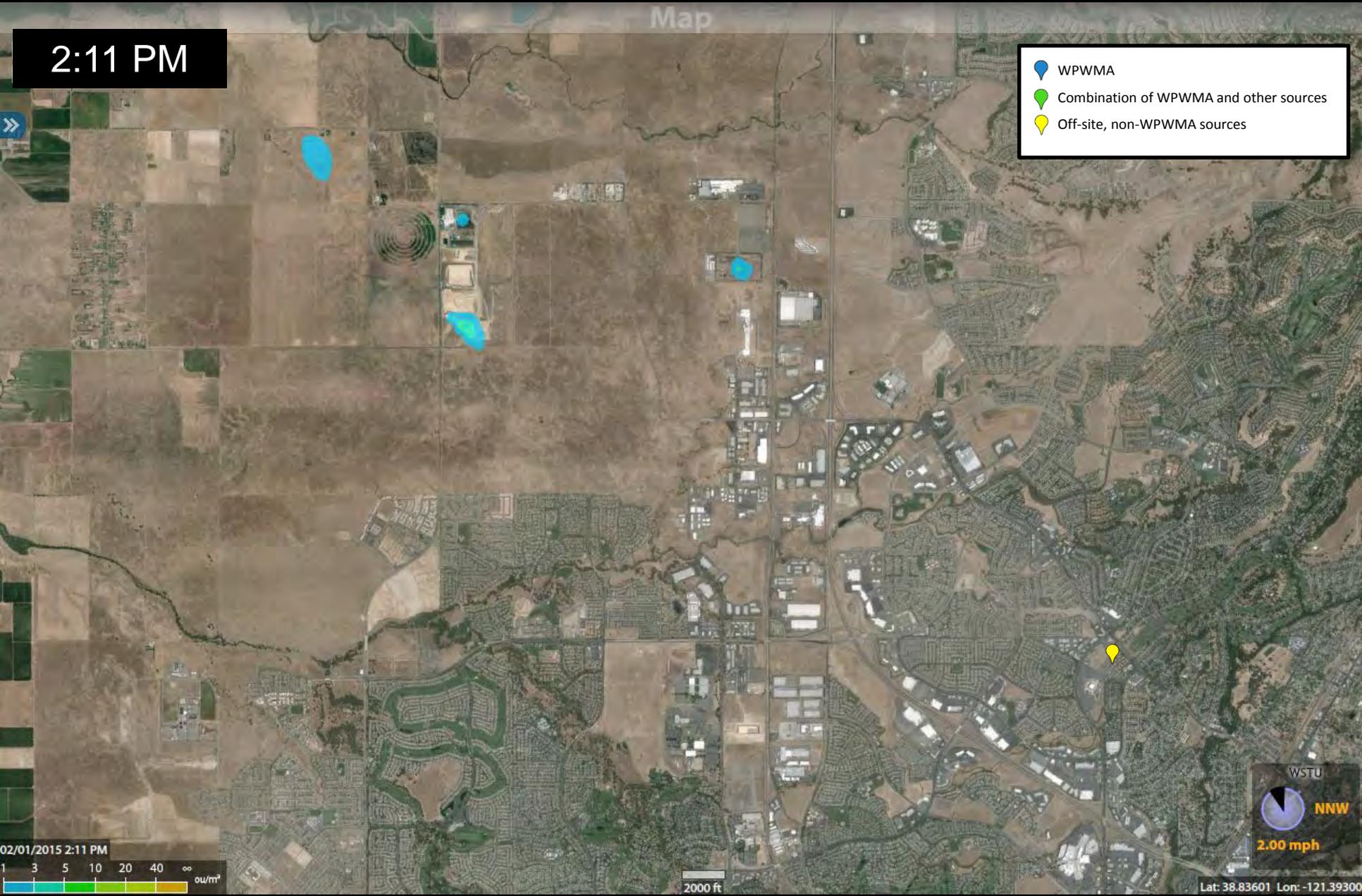


Lat: 38.83601 Lon: -121.39300

Map

2:11 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



Lat: 38.83601 Lon: -121.39300

2:15 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 2:15 PM



2000 ft



Lat: 38.84669 Lon: -121.38634

2:19 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 2:19 PM



2000 ft

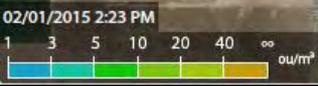


Lat: 38.78554 Lon: -121.38960

2:23 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.83833 Lon: -121.39395

2:27 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 2:27 PM



2000 ft

WSTU



ENE
3.00 mph

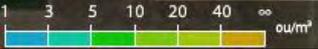
Lat: 38.85557 Lon: -121.39924

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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 2:31 PM



2000 ft

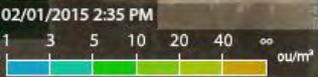


Lat: 38.82659 Lon: -121.38159

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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

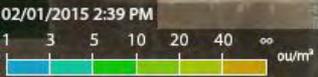
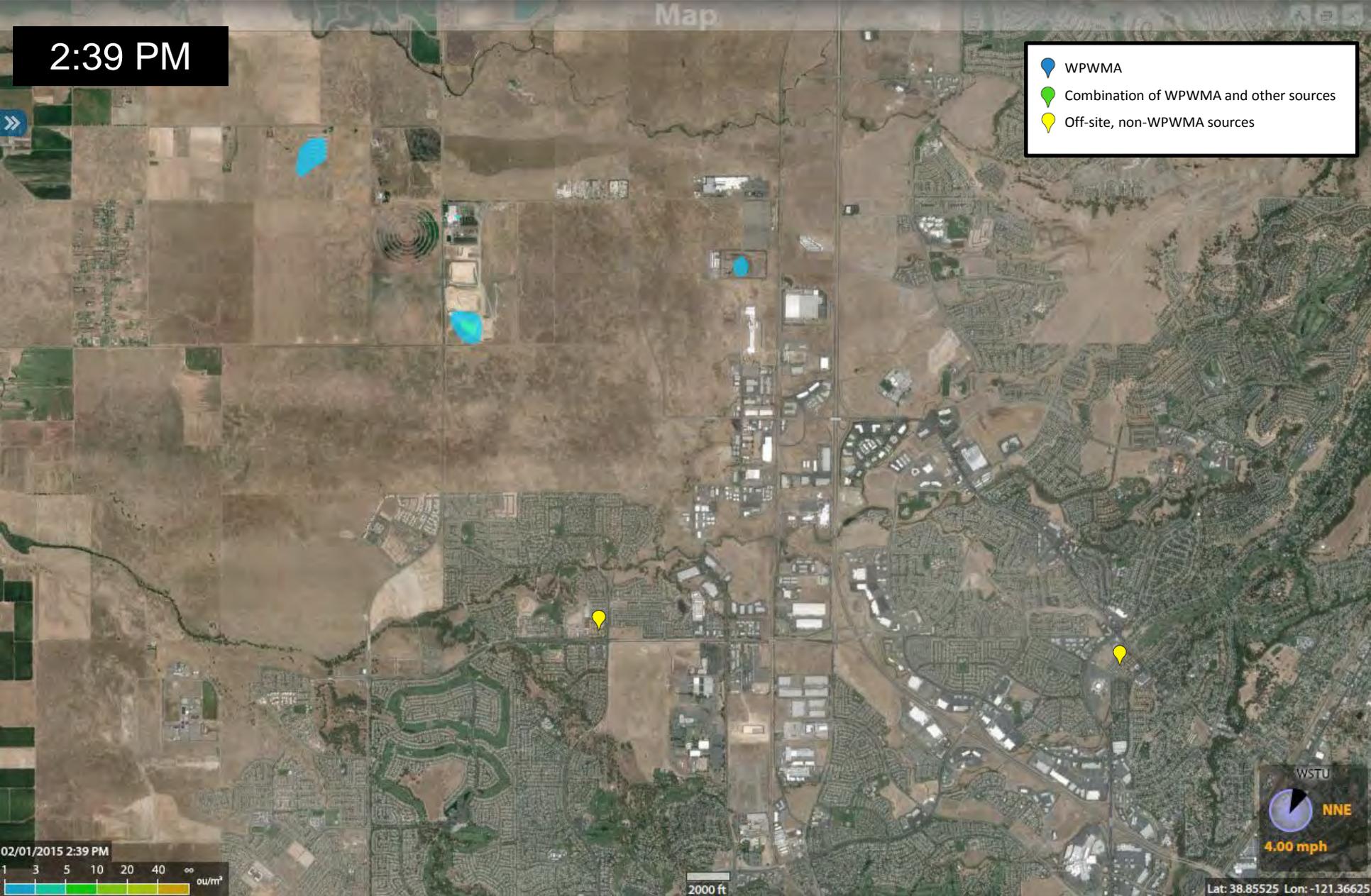


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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



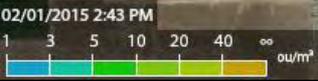
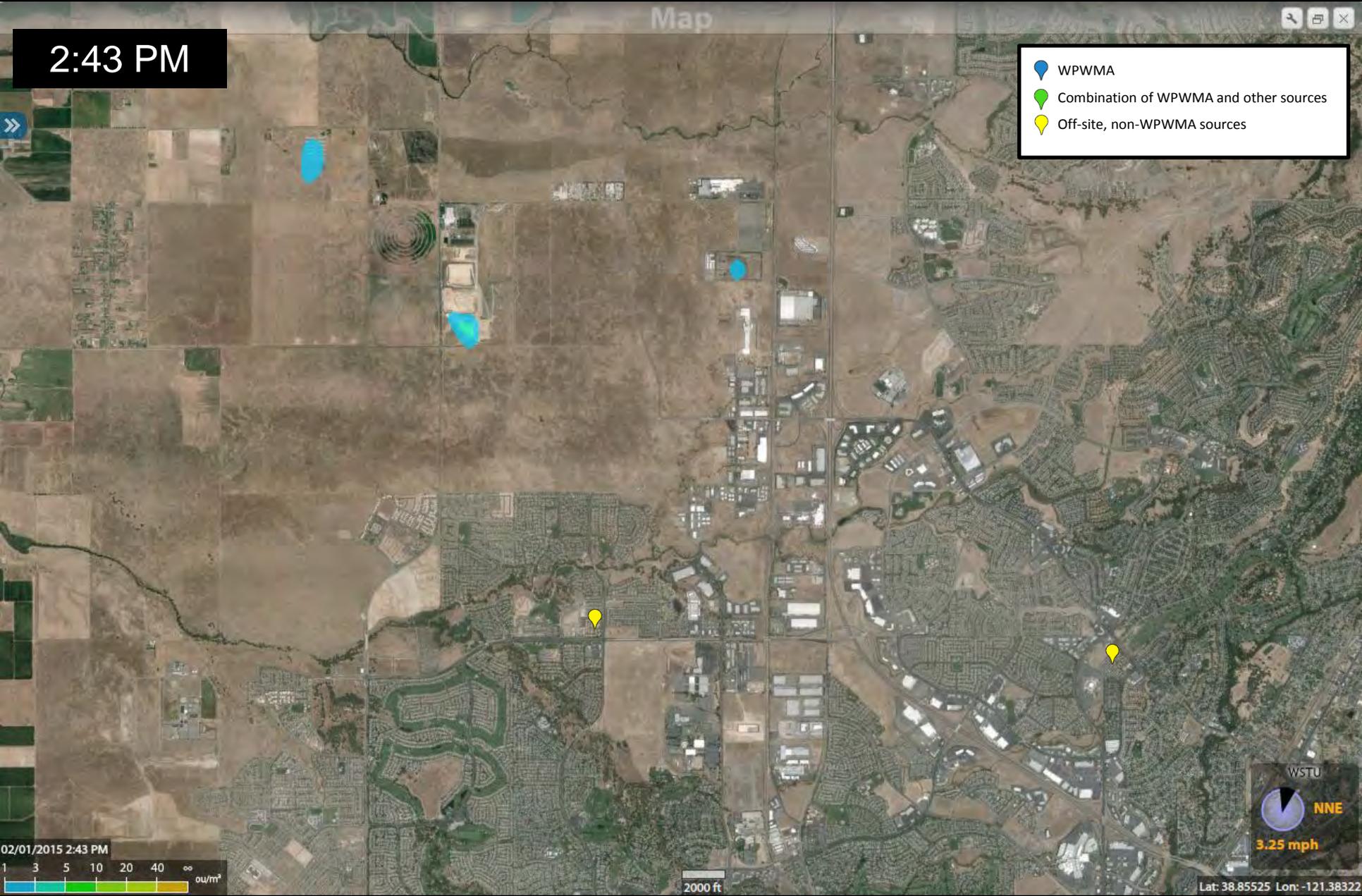
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2:43 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

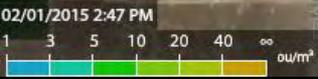


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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



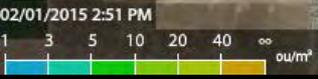
Lat: 38.85483 Lon: -121.40386

2:51 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85567 Lon: -121.38906

2:55 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 2:55 PM



2000 ft



Lat: 38.85335 Lon: -121.39680

2:59 PM

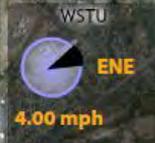
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 2:59 PM



2000 ft

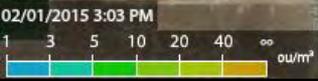


Lat: 38.85398 Lon: -121.39816

3:03 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85324 Lon: -121.39476

3:07 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

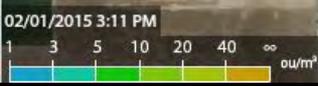


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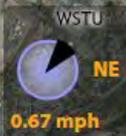
3:11 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85155 Lon: -121.38146

3:15 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 3:15 PM



2000 ft



Lat: 38.82078 Lon: -121.39082

3:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85123 Lon: -121.37983

3:23 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 3:23 PM



2000 ft



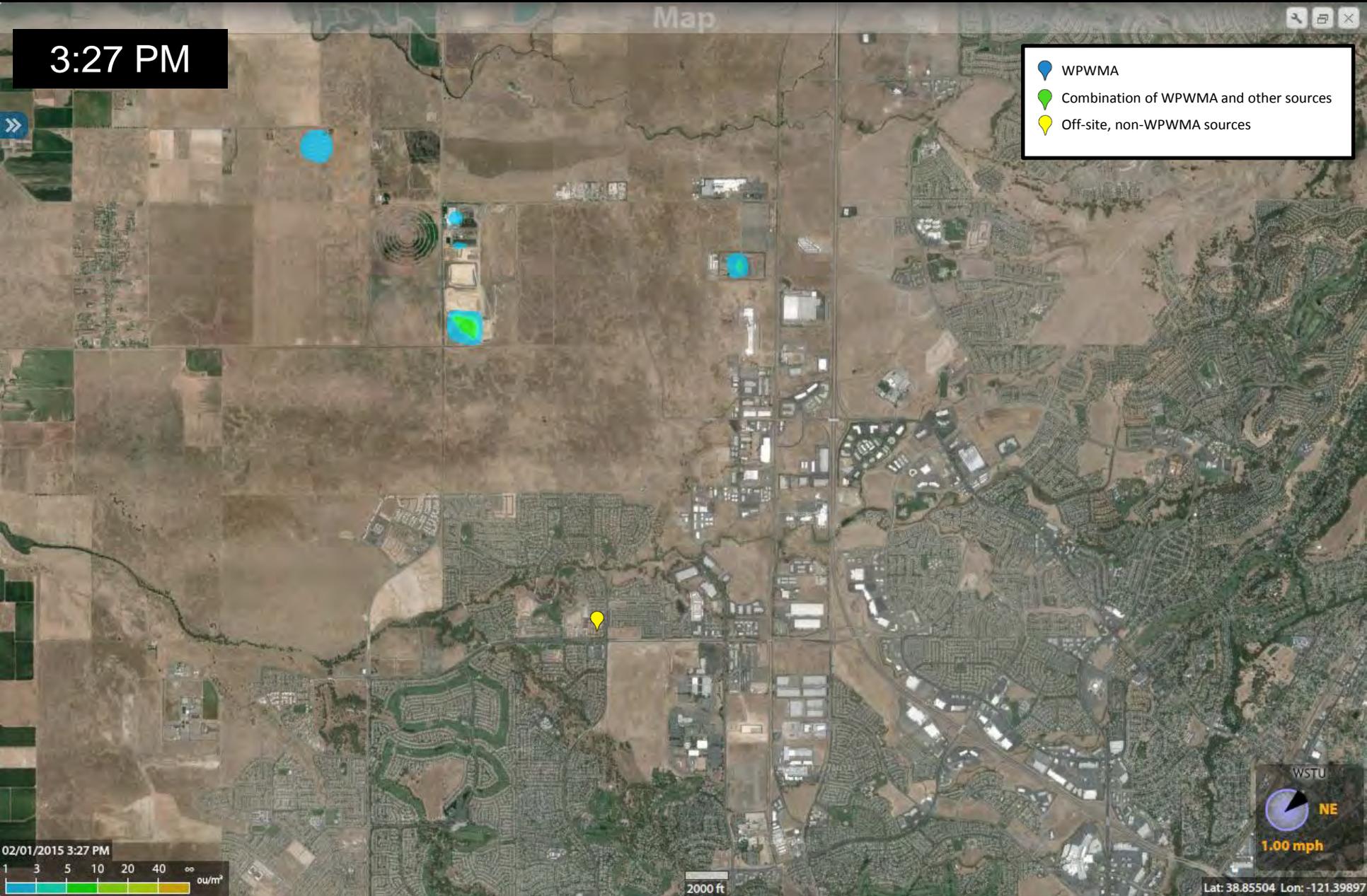
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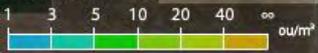
Map



- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 3:27 PM



2000 ft

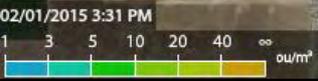


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3:31 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



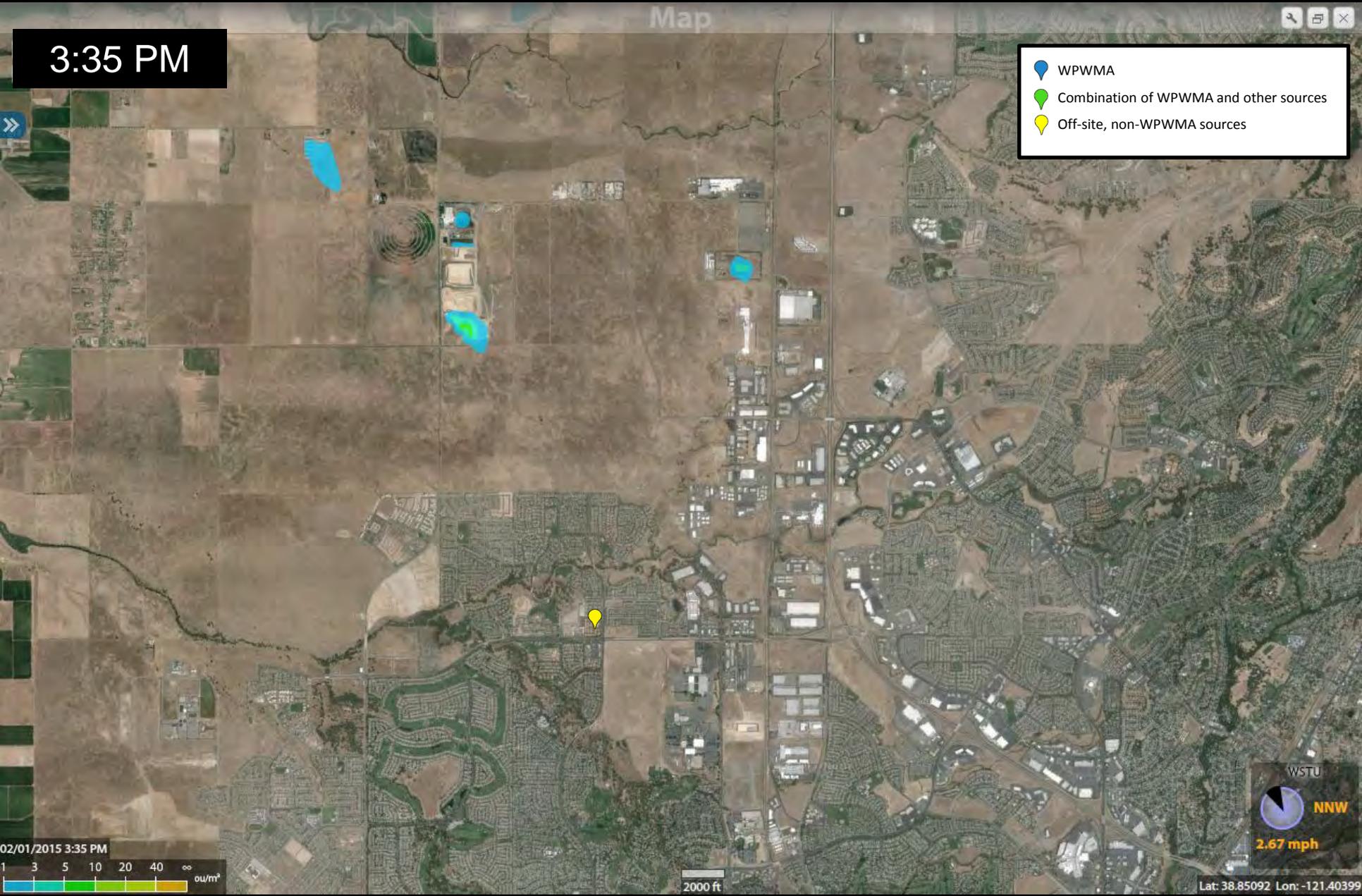
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3:35 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 3:35 PM



2000 ft

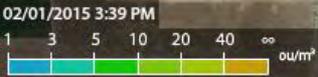


Lat: 38.85092 Lon: -121.40399

3:39 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



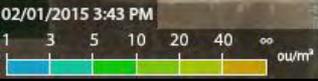
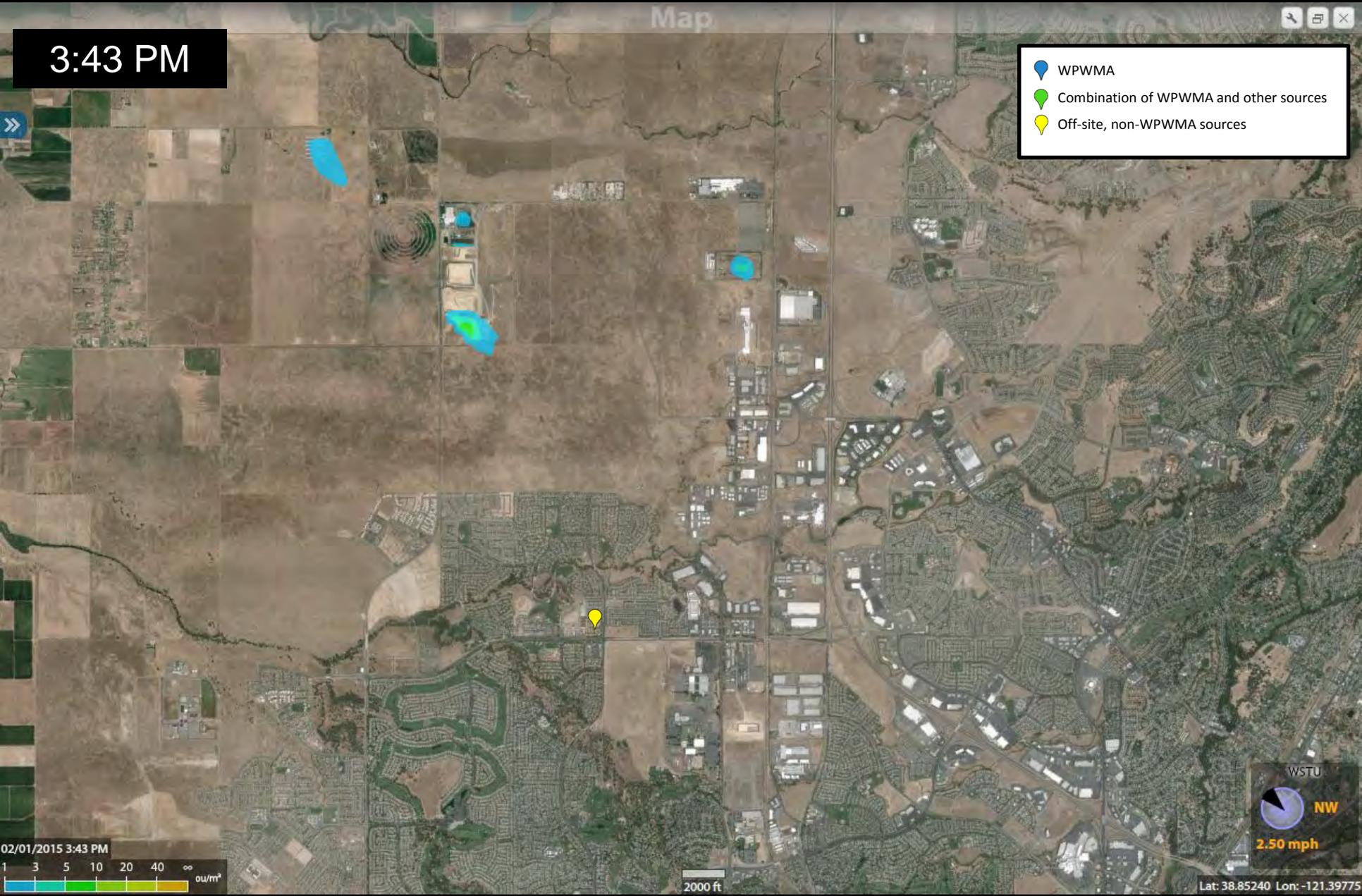
Lat: 38.85567 Lon: -121.39693

3:43 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

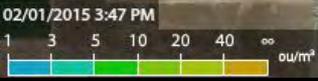


Lat: 38.85240 Lon: -121.39775

3:47 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

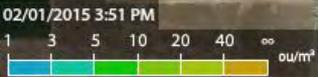


Lat: 38.82543 Lon: -121.40087

3:51 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

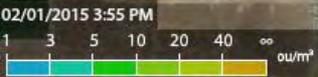


Lat: 38.84468 Lon: -121.39761

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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

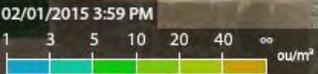
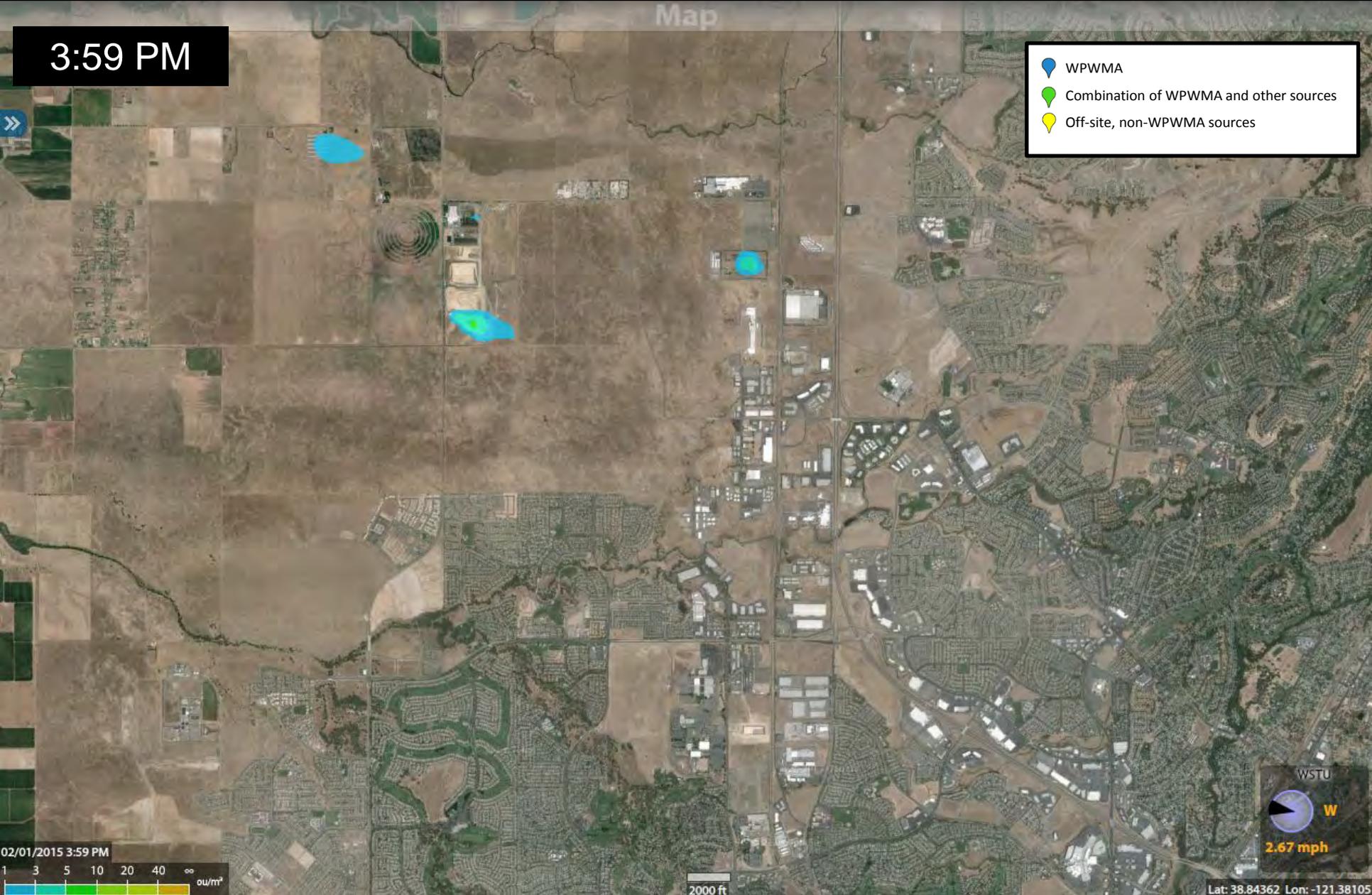


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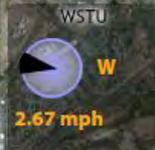
Map

3:59 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

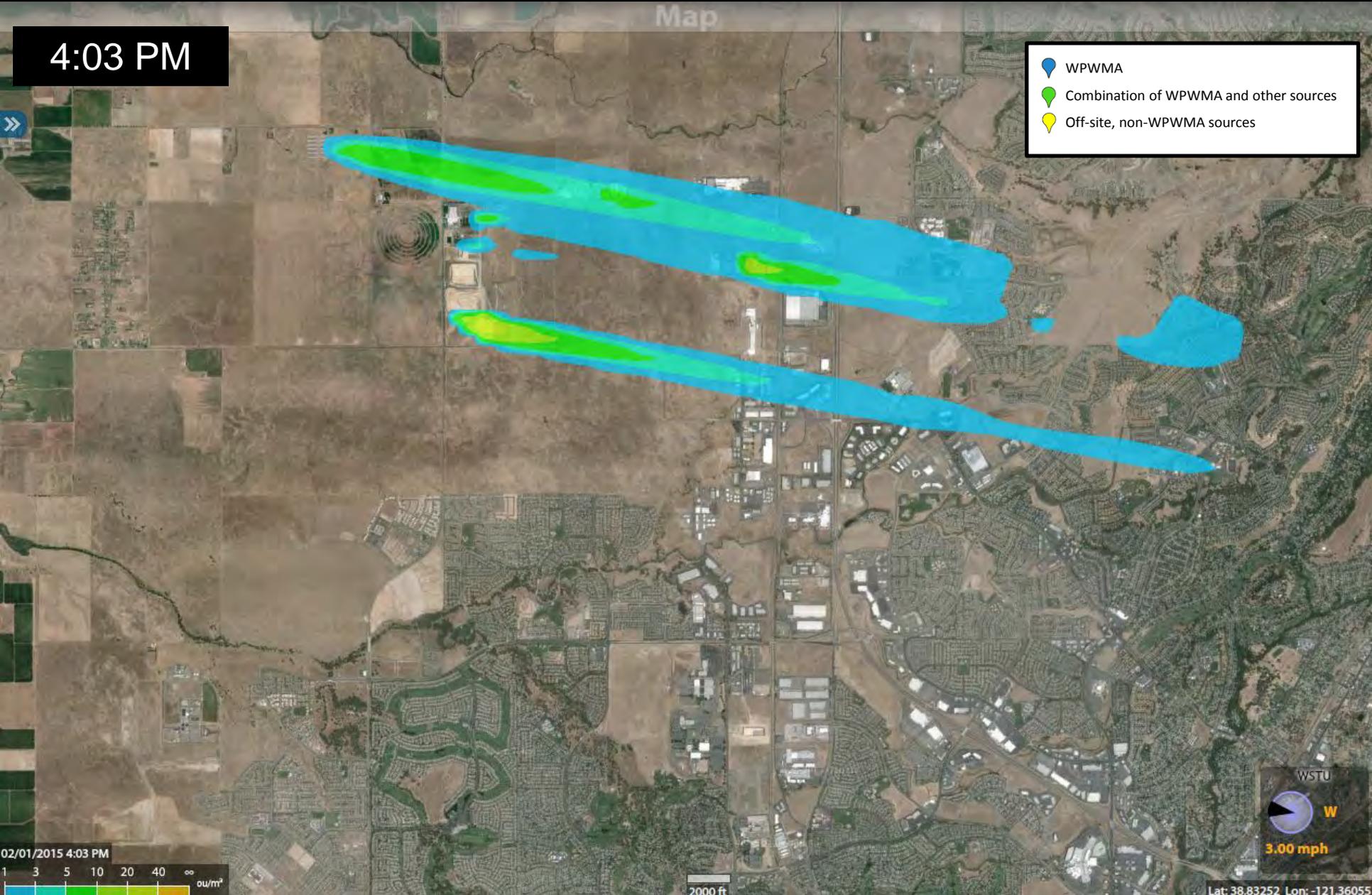


Lat: 38.84362 Lon: -121.38105

4:03 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



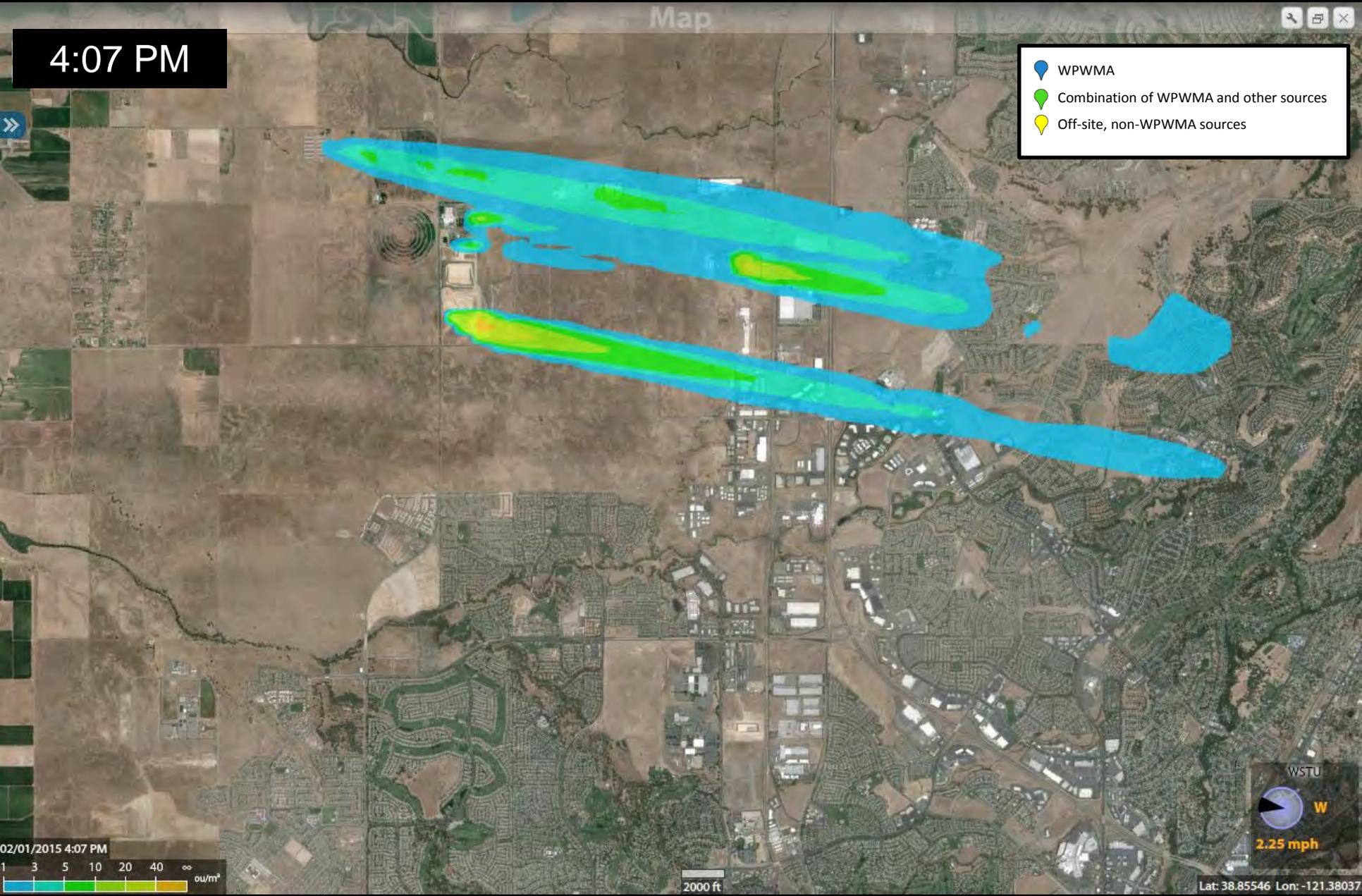
Lat: 38.83252 Lon: -121.36055

4:07 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 4:07 PM



2000 ft



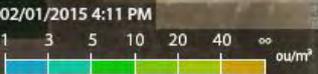
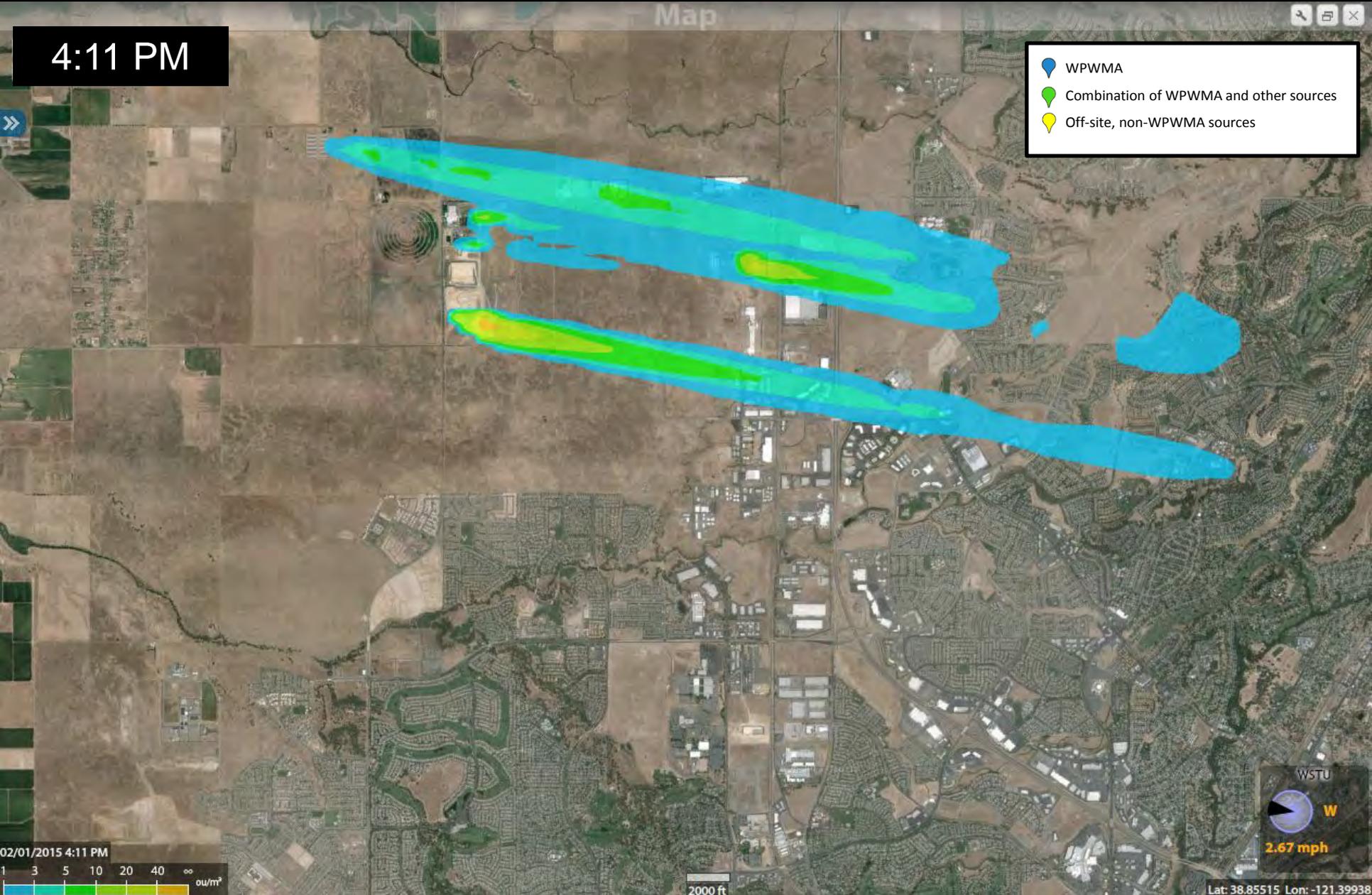
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4:11 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



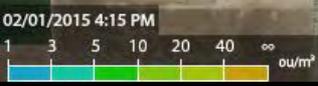
Lat: 38.85515 Lon: -121.39938

4:15 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85219 Lon: -121.39816

4:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 4:19 PM



2000 ft

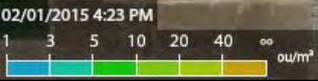
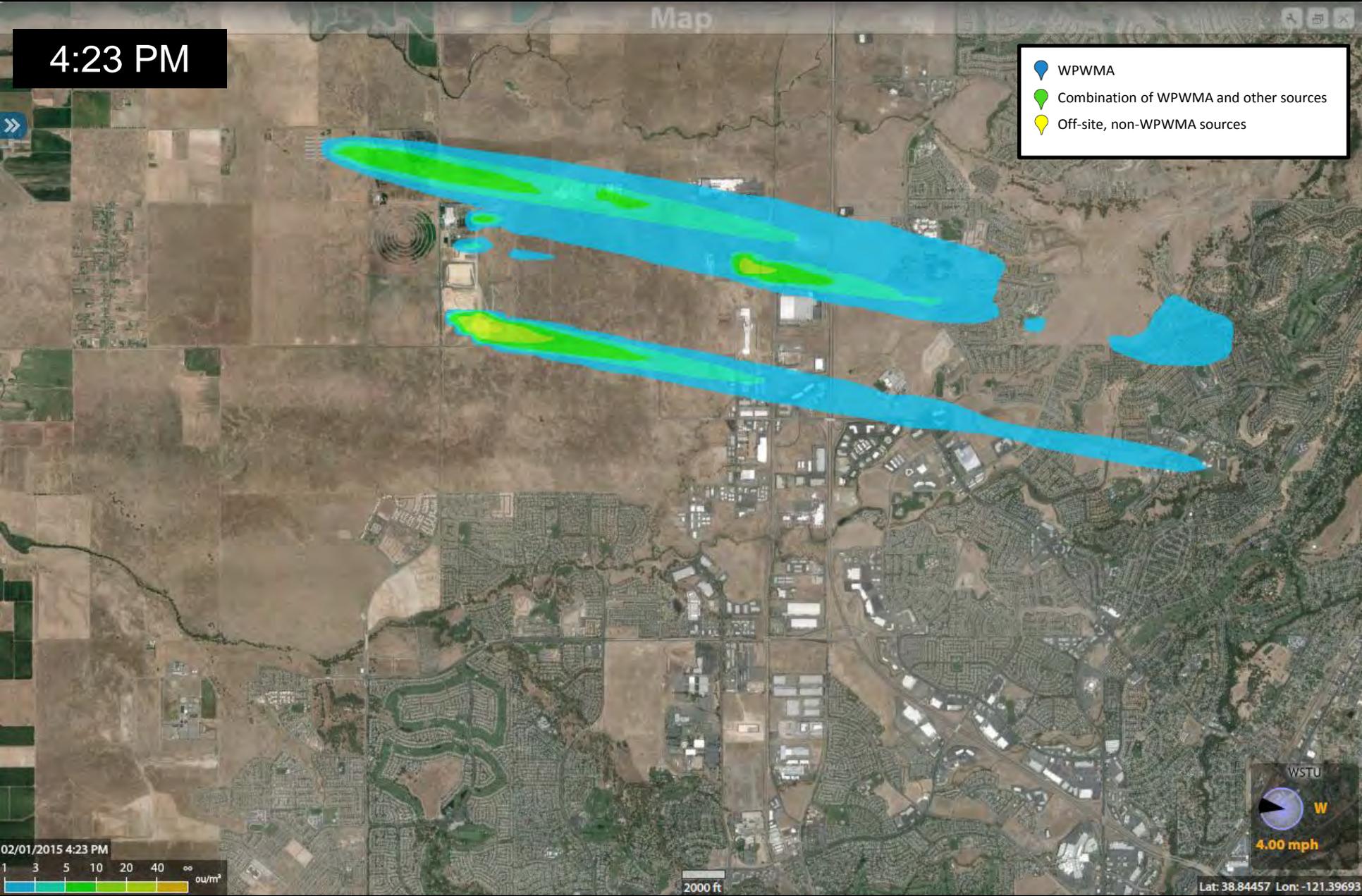


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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



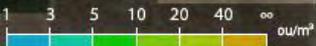
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4:27 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 4:27 PM



2000 ft



Lat: 38.85367 Lon: -121.38648

4:31 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 4:31 PM



2000 ft



Lat: 38.85018 Lon: -121.39273

4:35 PM

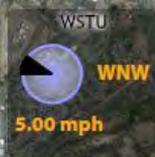
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 4:35 PM



2000 ft

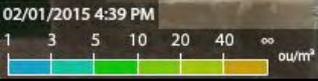
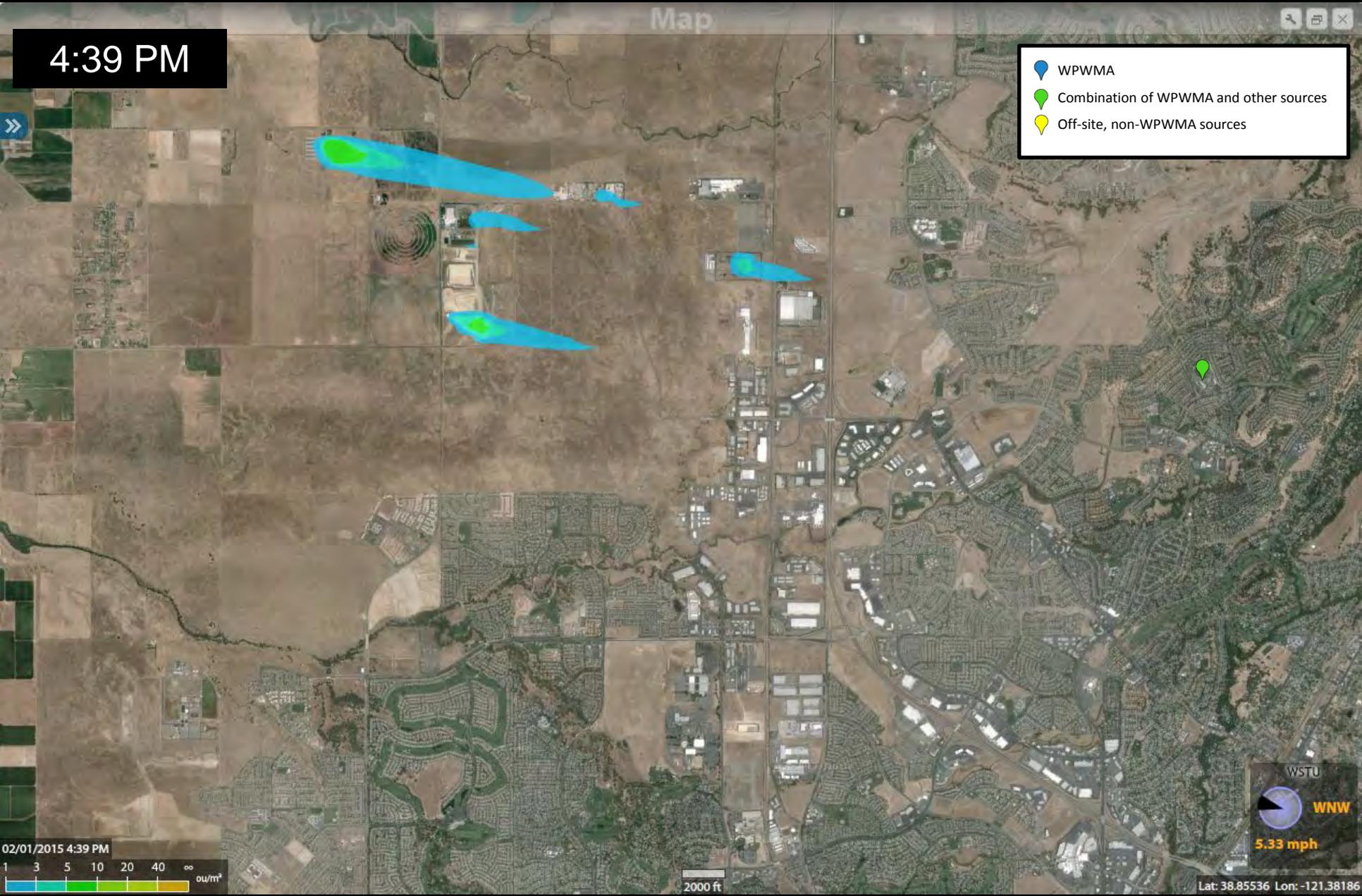


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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

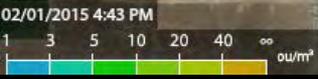


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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

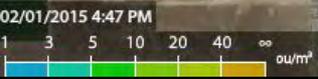
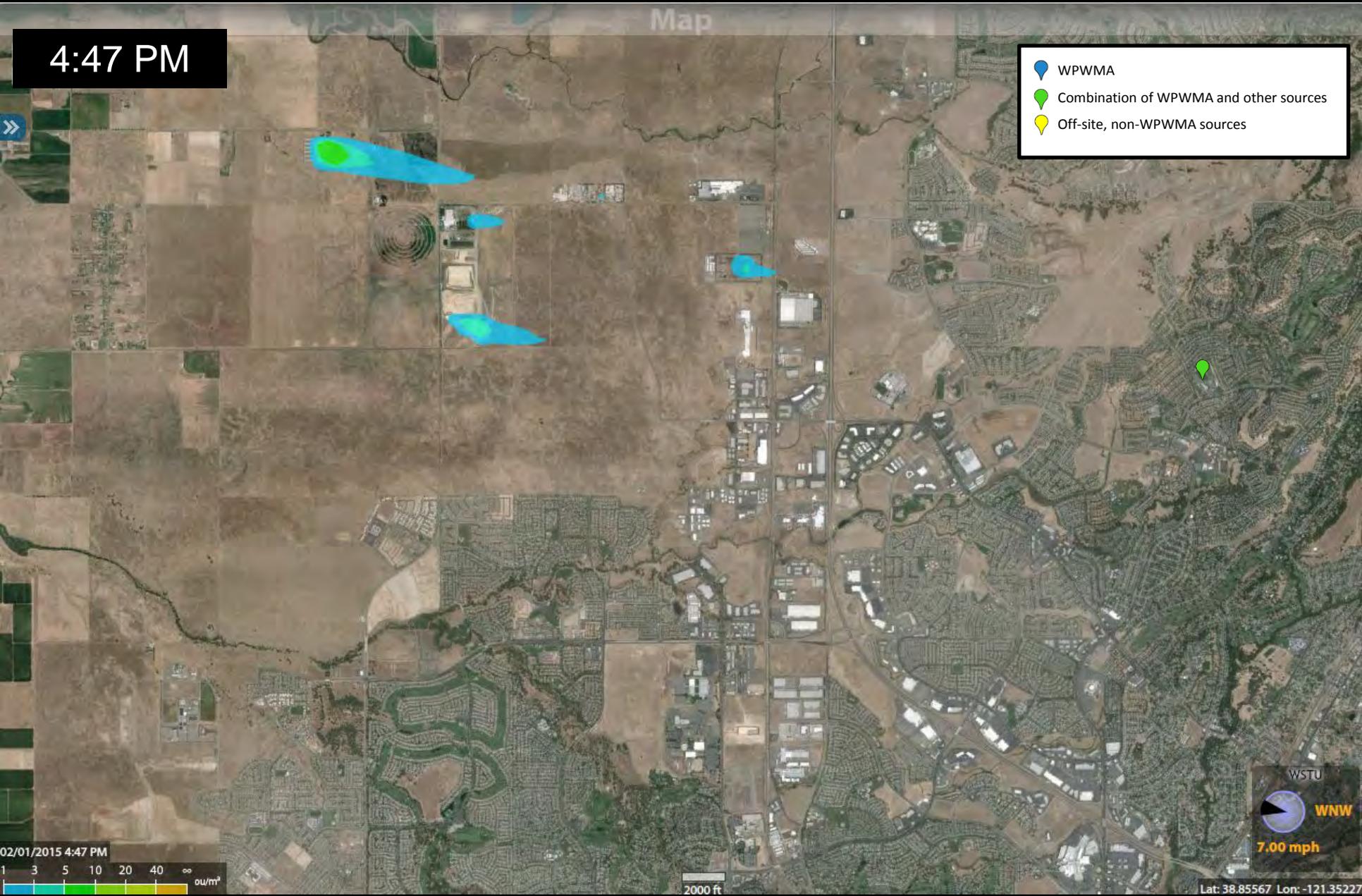


Lat: 38.85525 Lon: -121.38648

Map

4:47 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



Lat: 38.85567 Lon: -121.35227

4:51 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



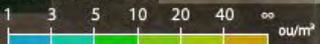
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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 4:55 PM



2000 ft

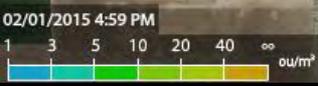


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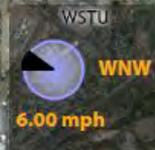
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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

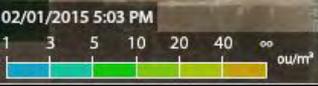
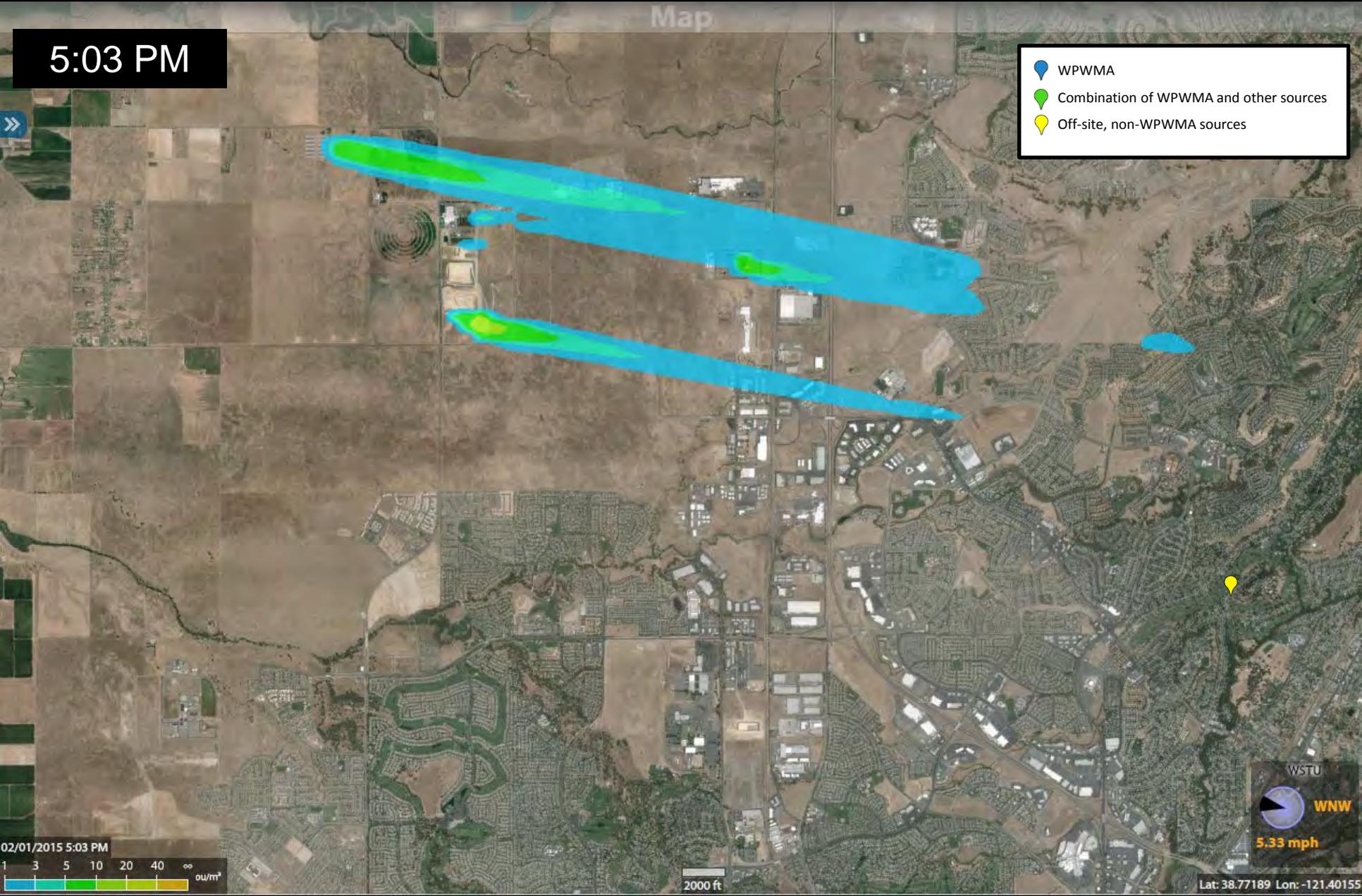


Lat: 38.85536 Lon: -121.38390

Map

5:03 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

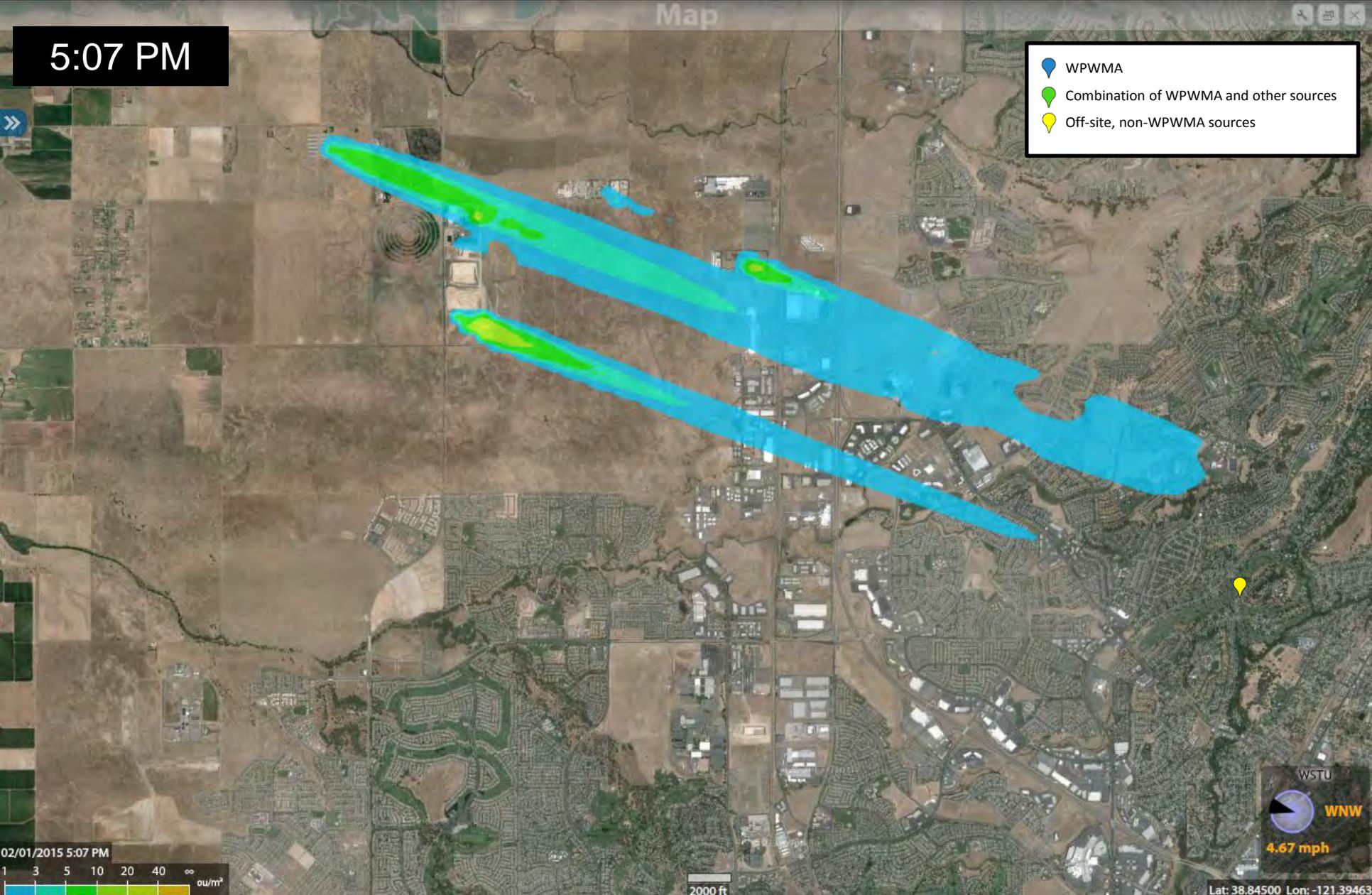


Lat: 38.77189 Lon: -121.40155

5:07 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



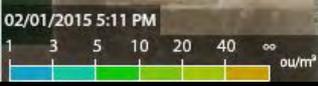
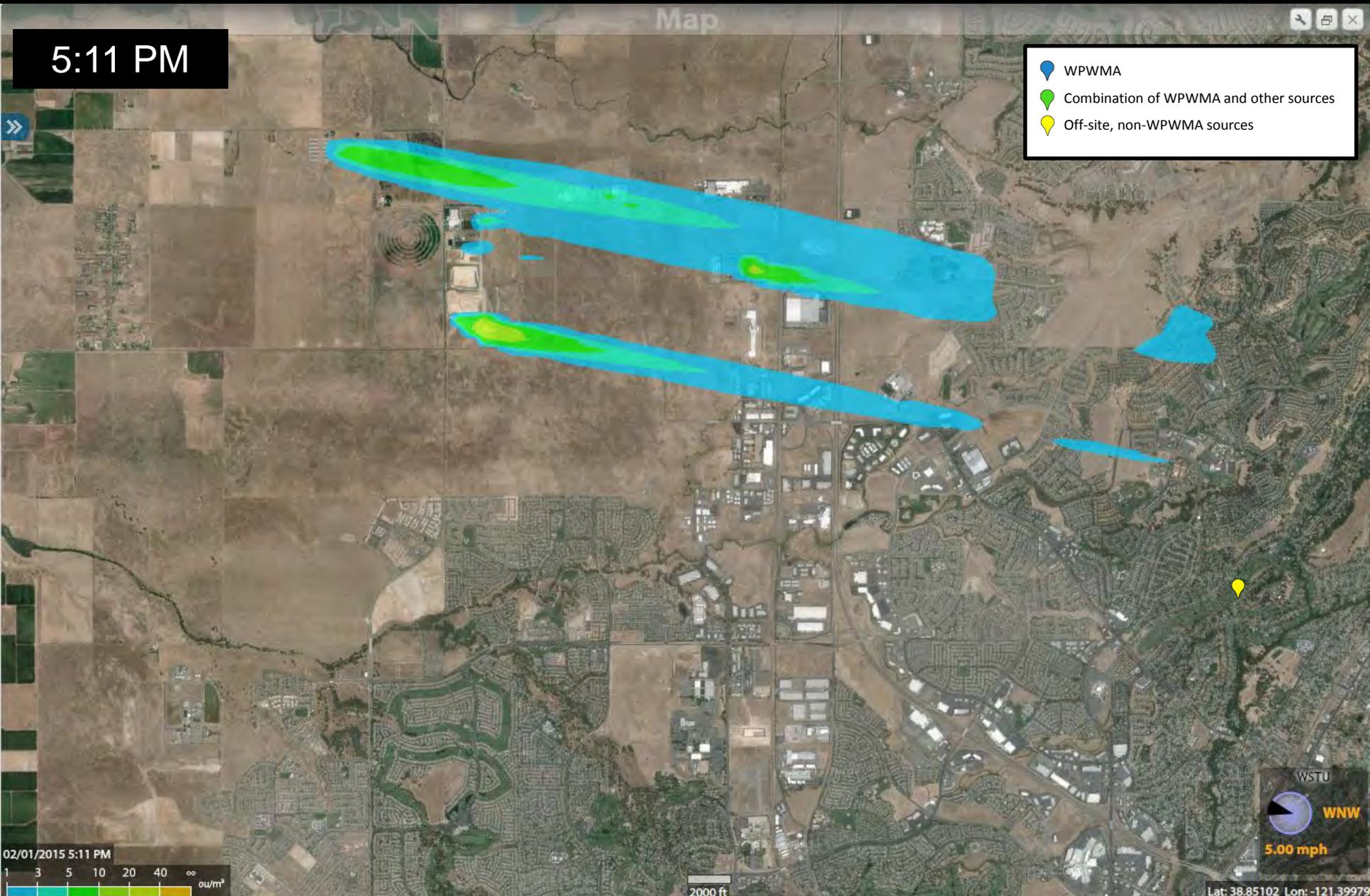
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5:11 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

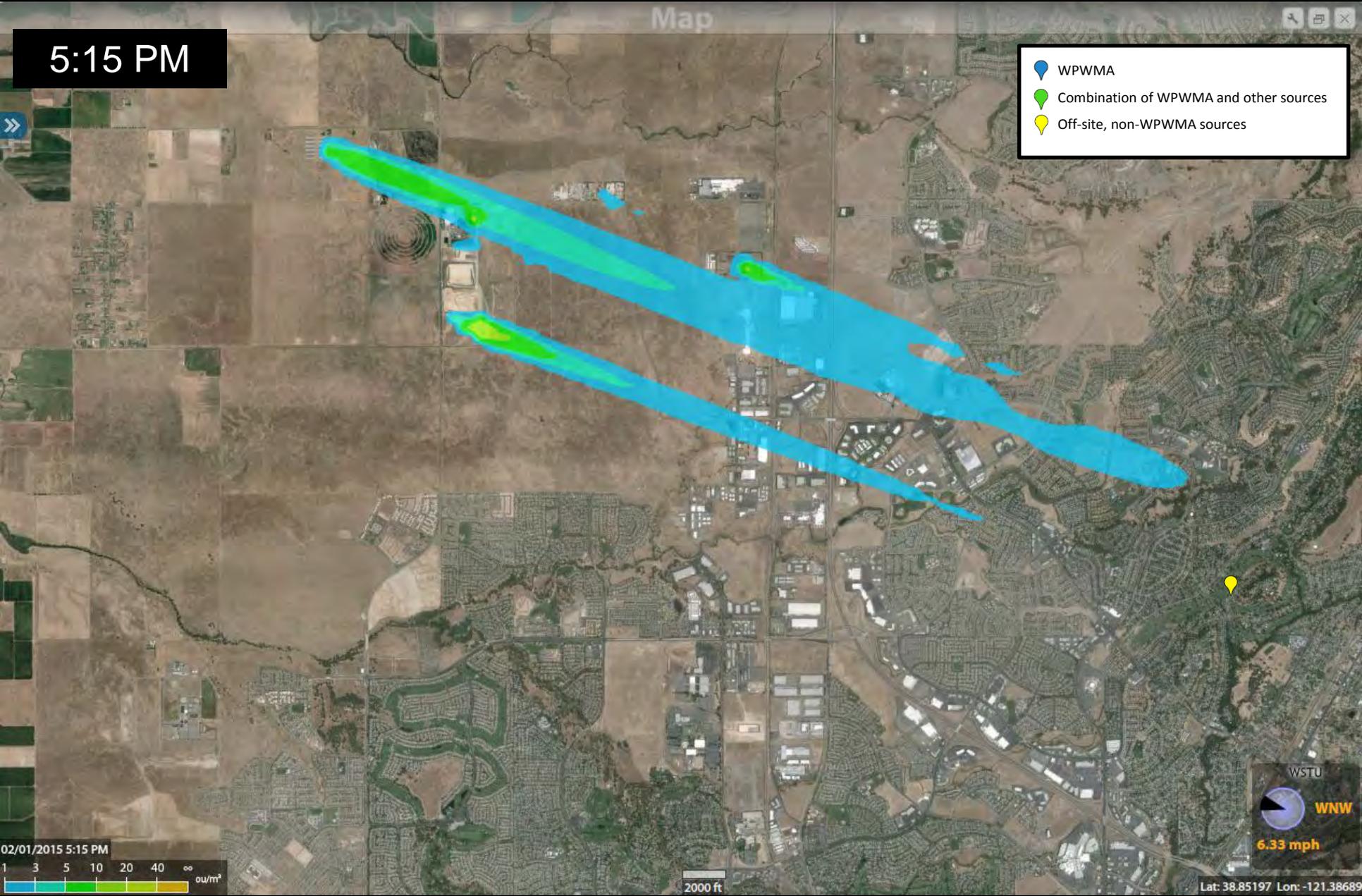


Lat: 38.85102 Lon: -121.39979

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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 5:15 PM



2000 ft

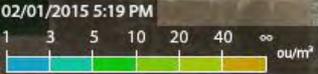


Lat: 38.85197 Lon: -121.38689

5:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



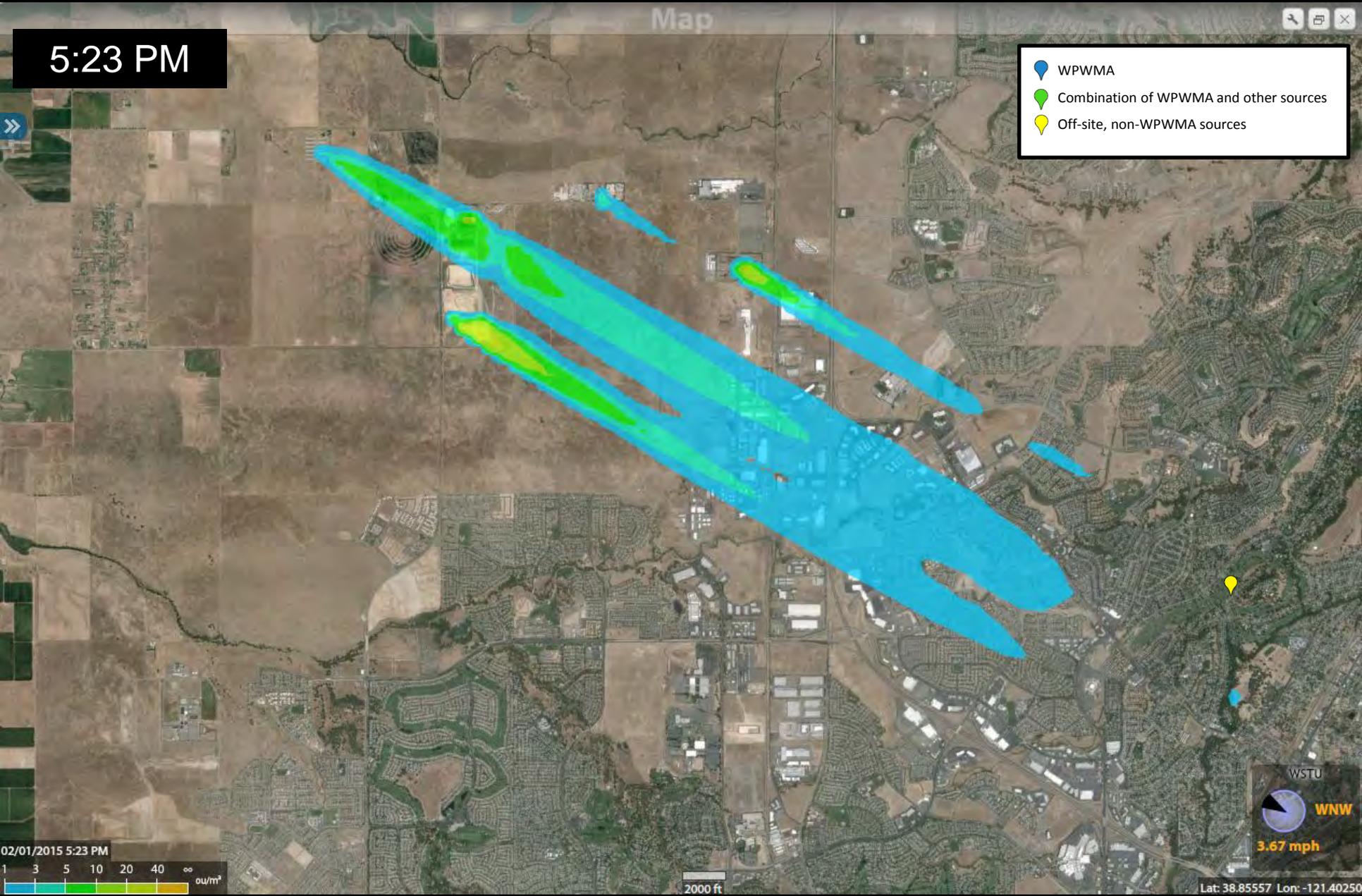
Lat: 38.85483 Lon: -121.39979

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Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 5:23 PM



2000 ft

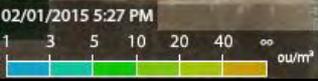
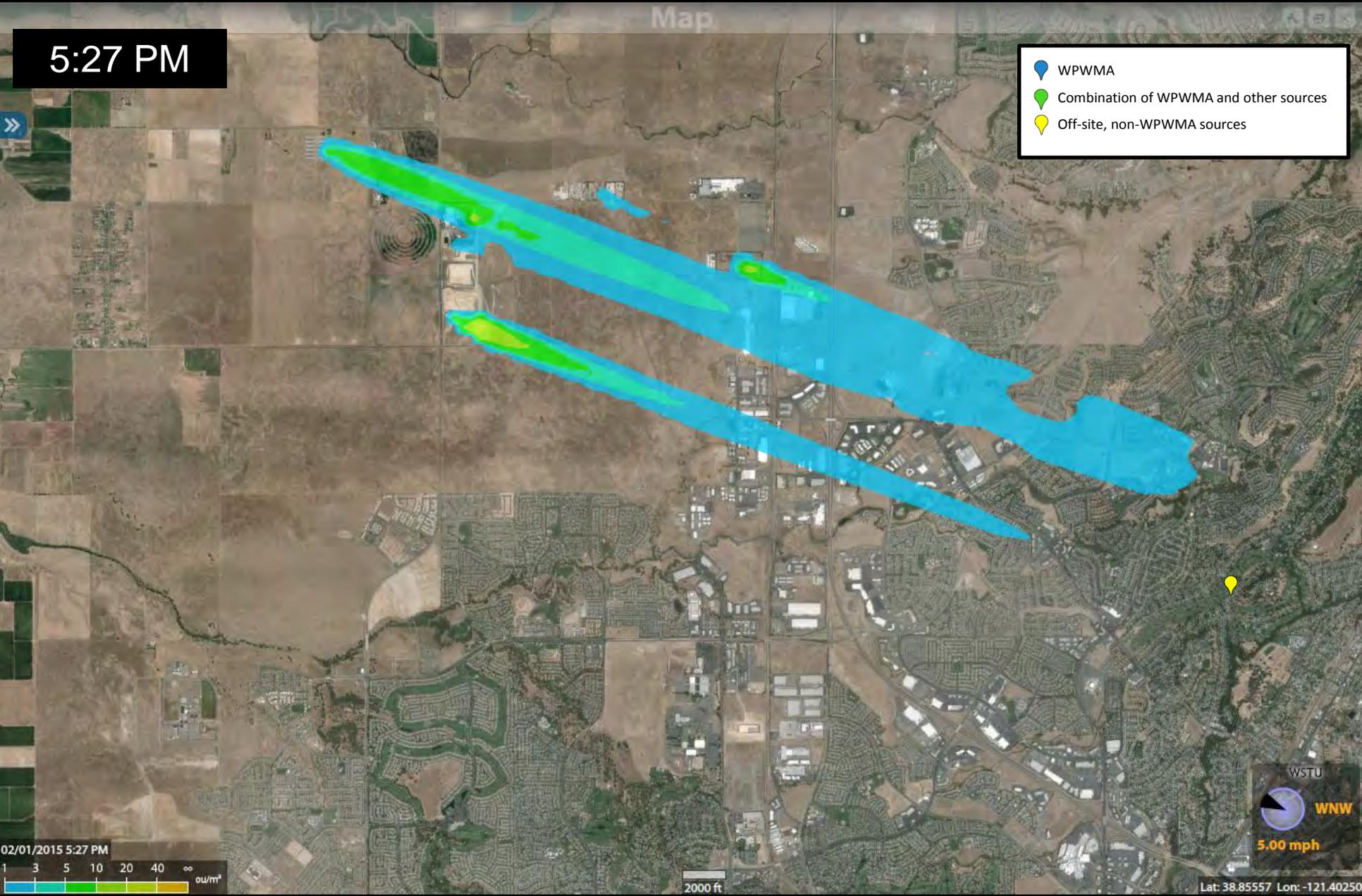


Lat: 38.85557 Lon: -121.40250

5:27 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85557 Lon: -121.40250

Map

5:31 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 5:31 PM



2000 ft

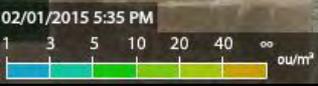
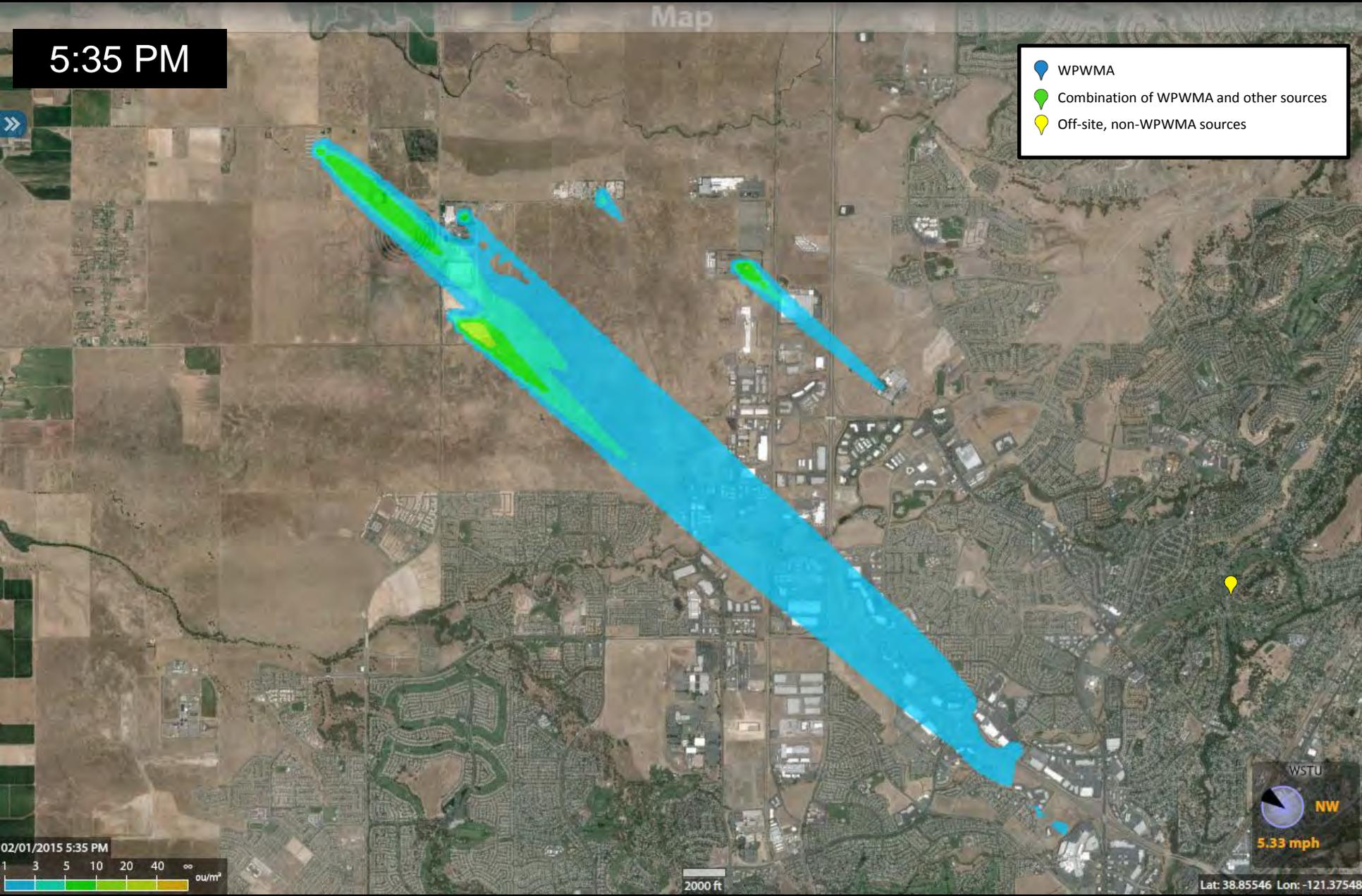


Lat: 38.85515 Lon: -121.33367

Map

5:35 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

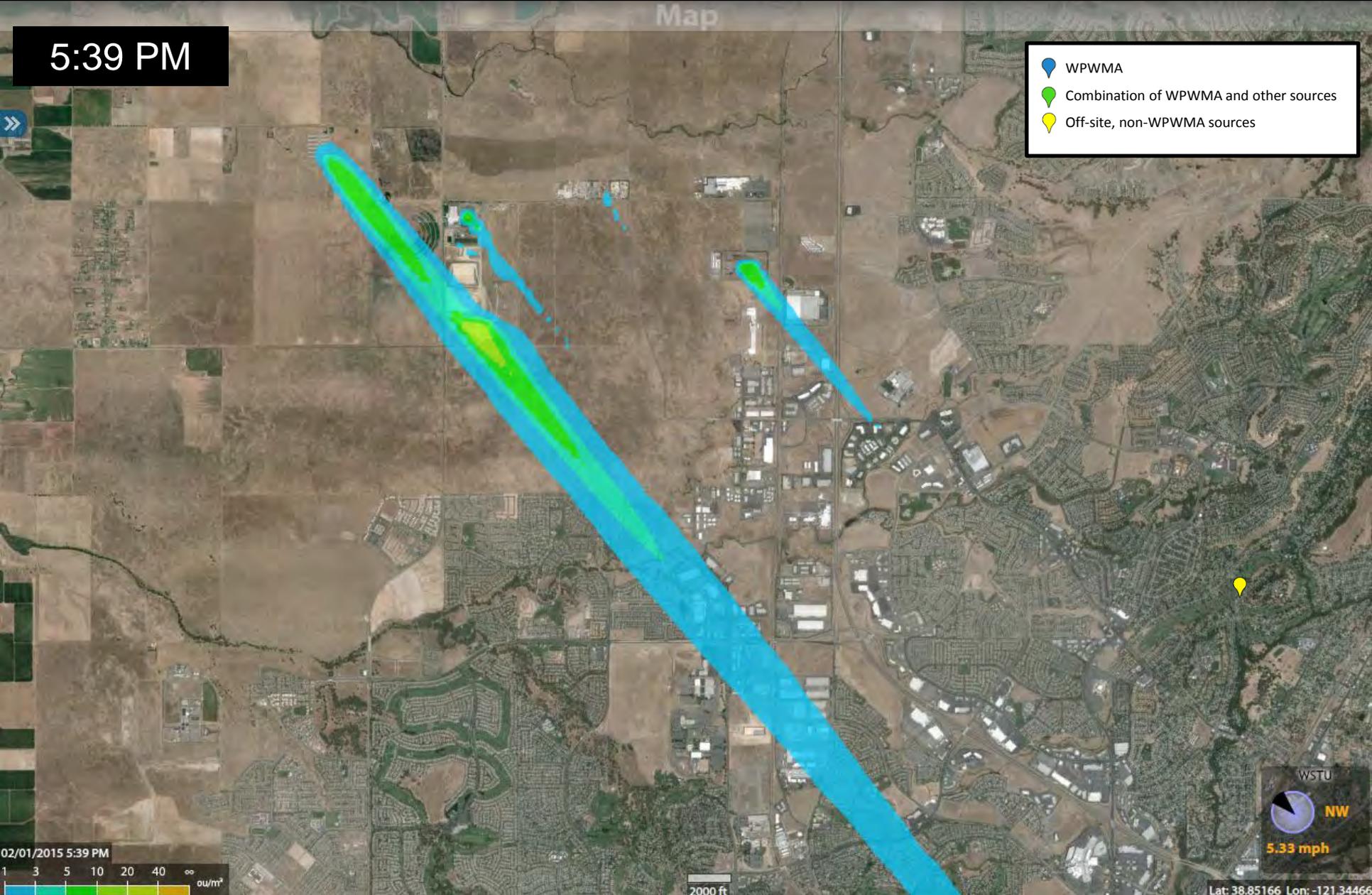


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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

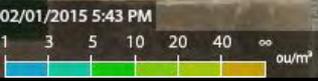


Lat: 38.85166 Lon: -121.34466

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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.84901 Lon: -121.39585

5:47 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

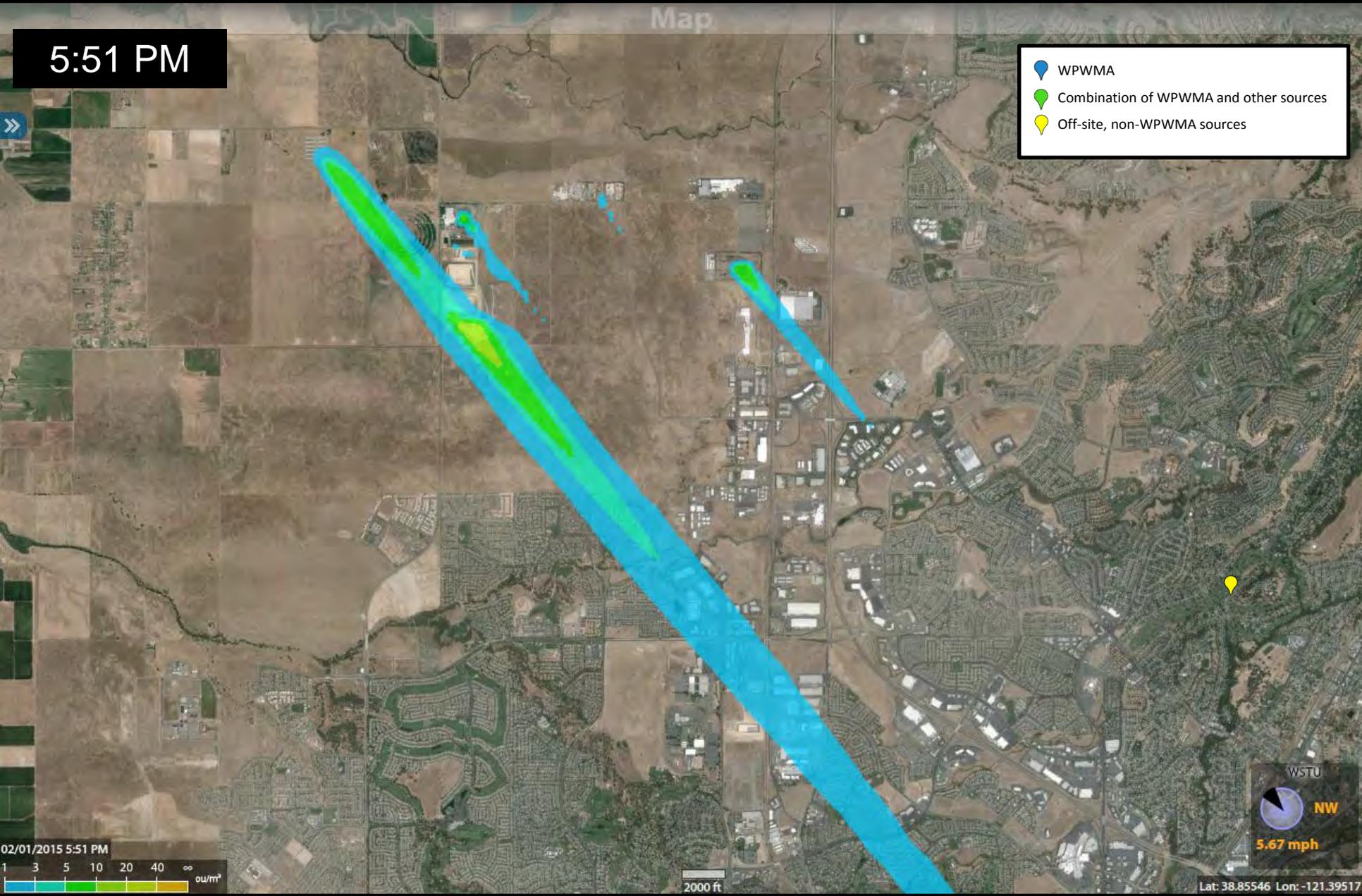


Lat: 38.85430 Lon: -121.39368

Map

5:51 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 5:51 PM
1 3 5 10 20 40 ∞ ou/m^3

2000 ft

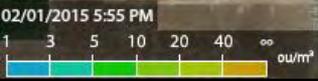
WSTU
NW
5.67 mph

Lat: 38.85546 Lon: -121.39517

5:55 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

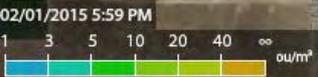


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Map

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- Off-site, non-WPWMA sources



2000 ft

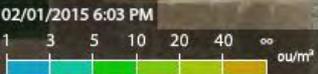
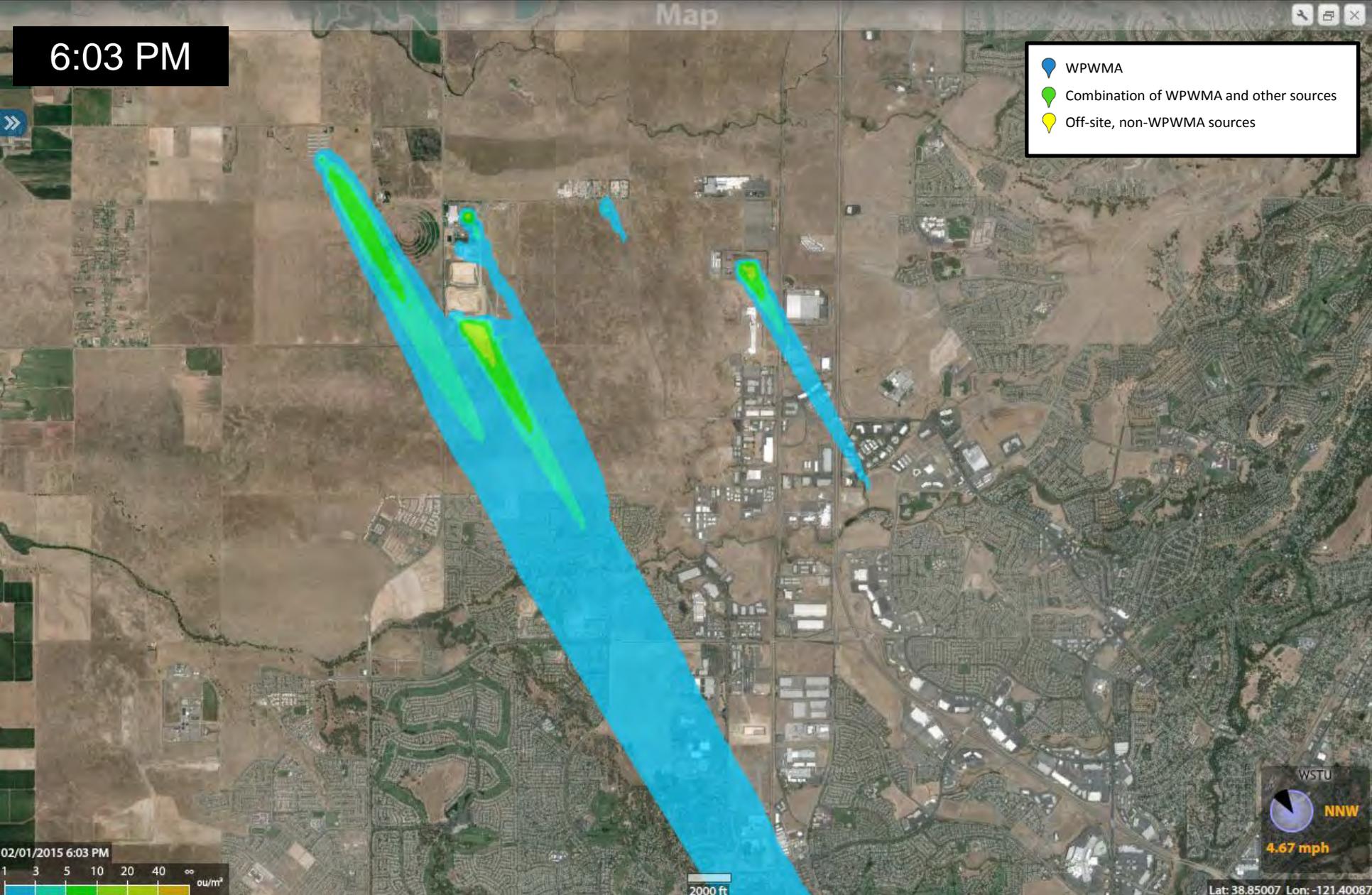


Lat: 38.85081 Lon: -121.40019

6:03 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

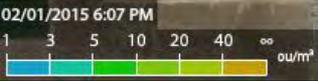


Lat: 38.85007 Lon: -121.40087

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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

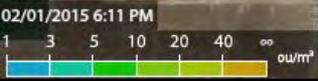


Lat: 38.84880 Lon: -121.39734

6:11 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

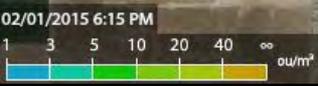
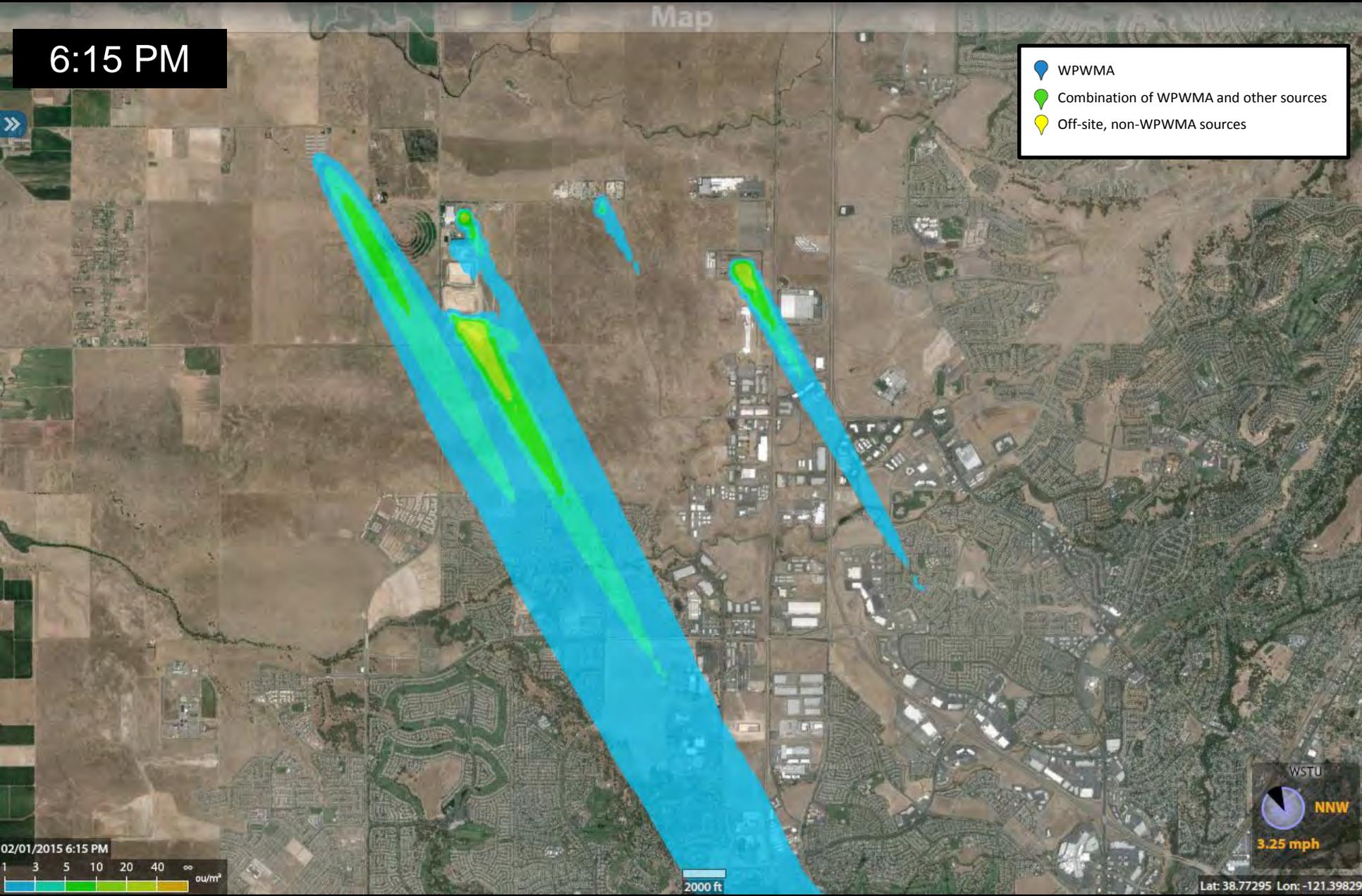


Lat: 38.84087 Lon: -121.39476

Map

6:15 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



Lat: 38.77295 Lon: -121.39829

6:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.84923 Lon: -121.39055

6:23 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

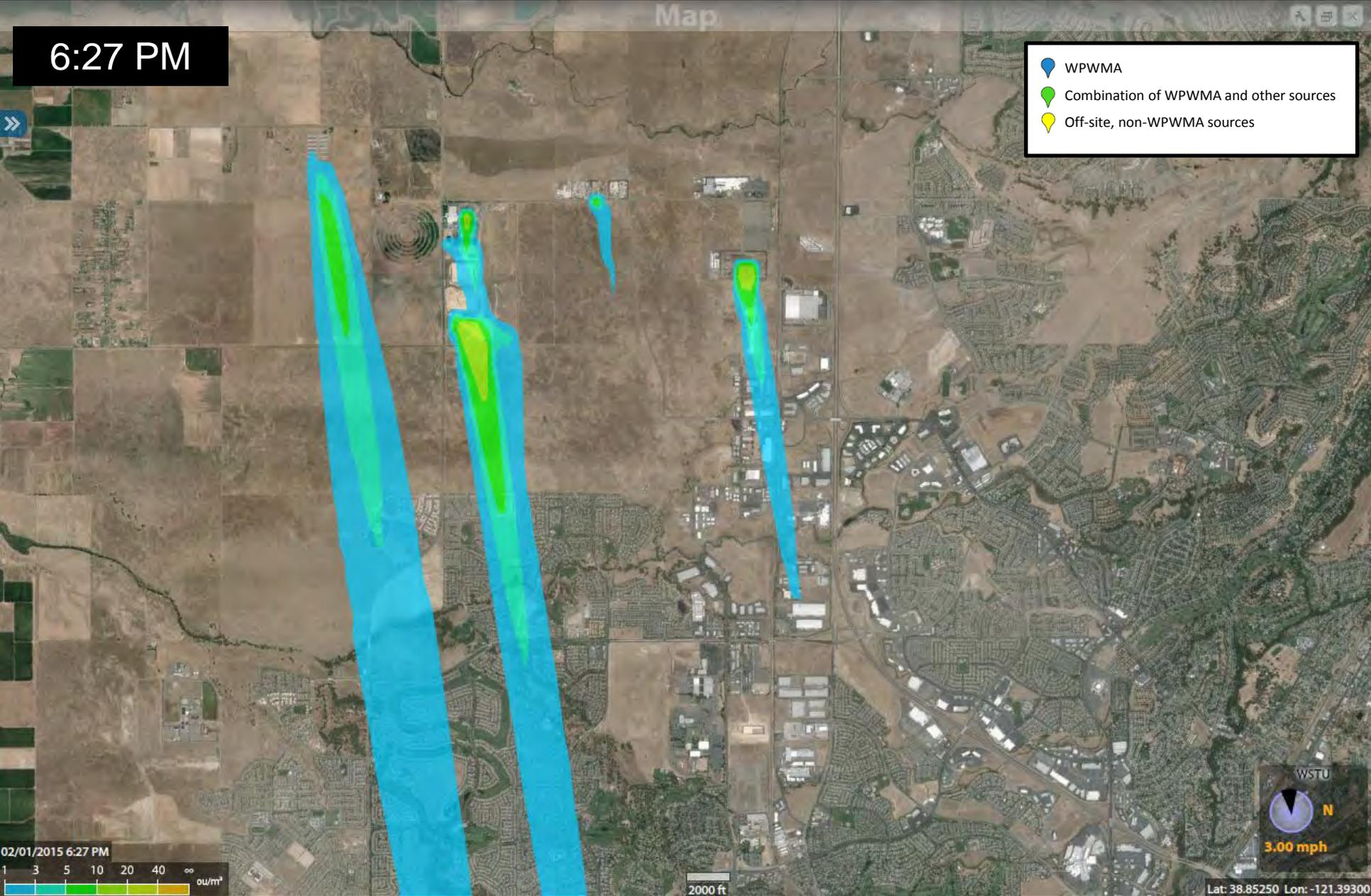


Lat: 38.85462 Lon: -121.38200

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Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 6:27 PM



2000 ft



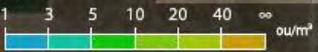
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6:31 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 6:31 PM



2000 ft



Lat: 38.85567 Lon: -121.39069

6:35 PM

Map



- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 6:35 PM



2000 ft

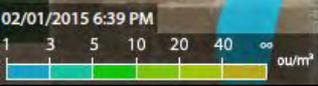
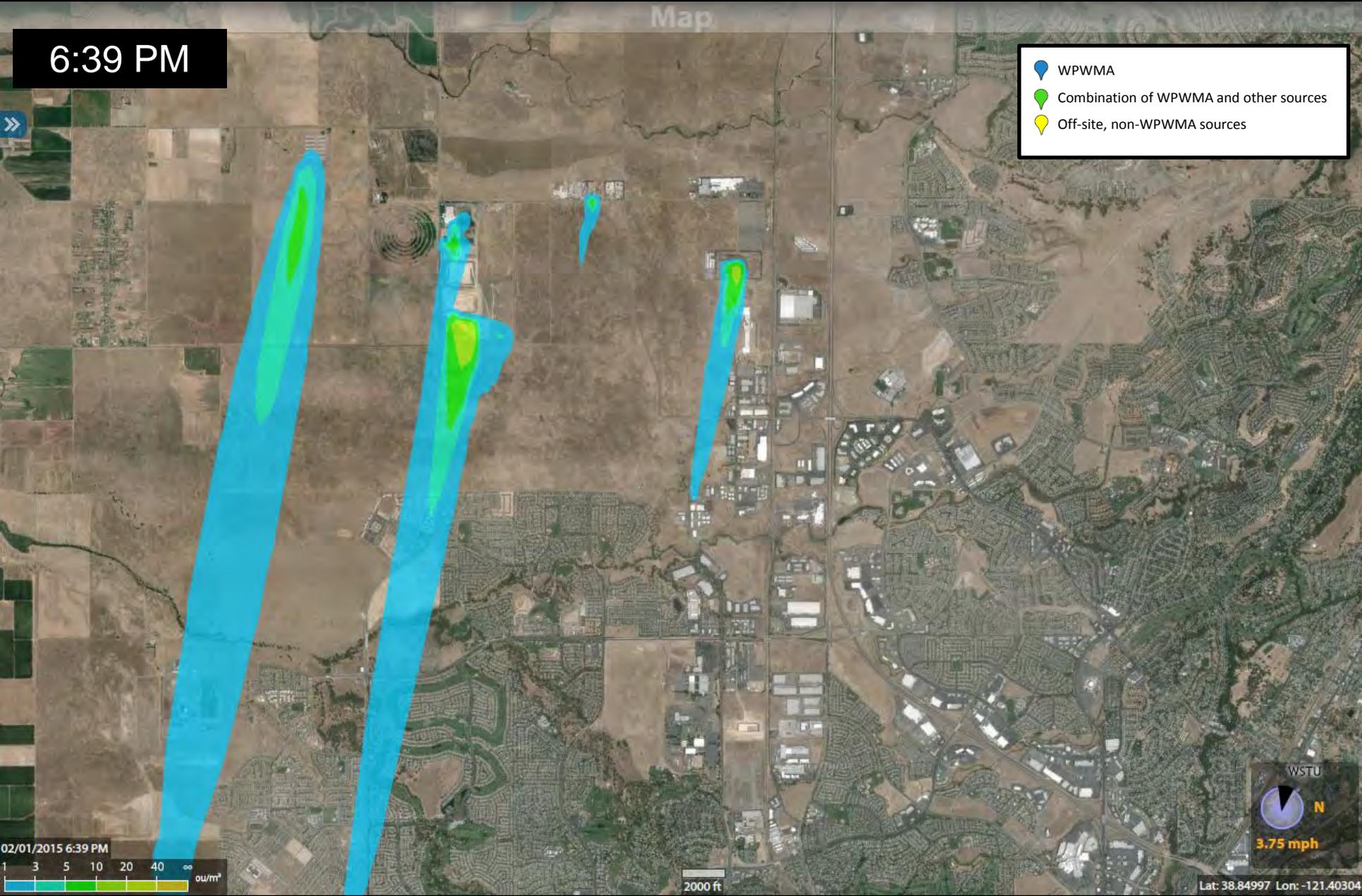


Lat: 38.84510 Lon: -121.39897

Map

6:39 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.84997 Lon: -121.40304

6:43 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 6:43 PM



2000 ft

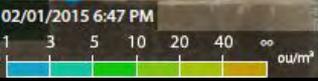


Lat: 38.85187 Lon: -121.40399

6:47 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

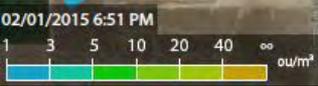


Lat: 38.85567 Lon: -121.38743

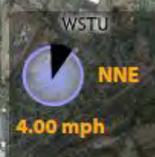
Map

6:51 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

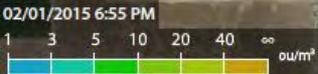
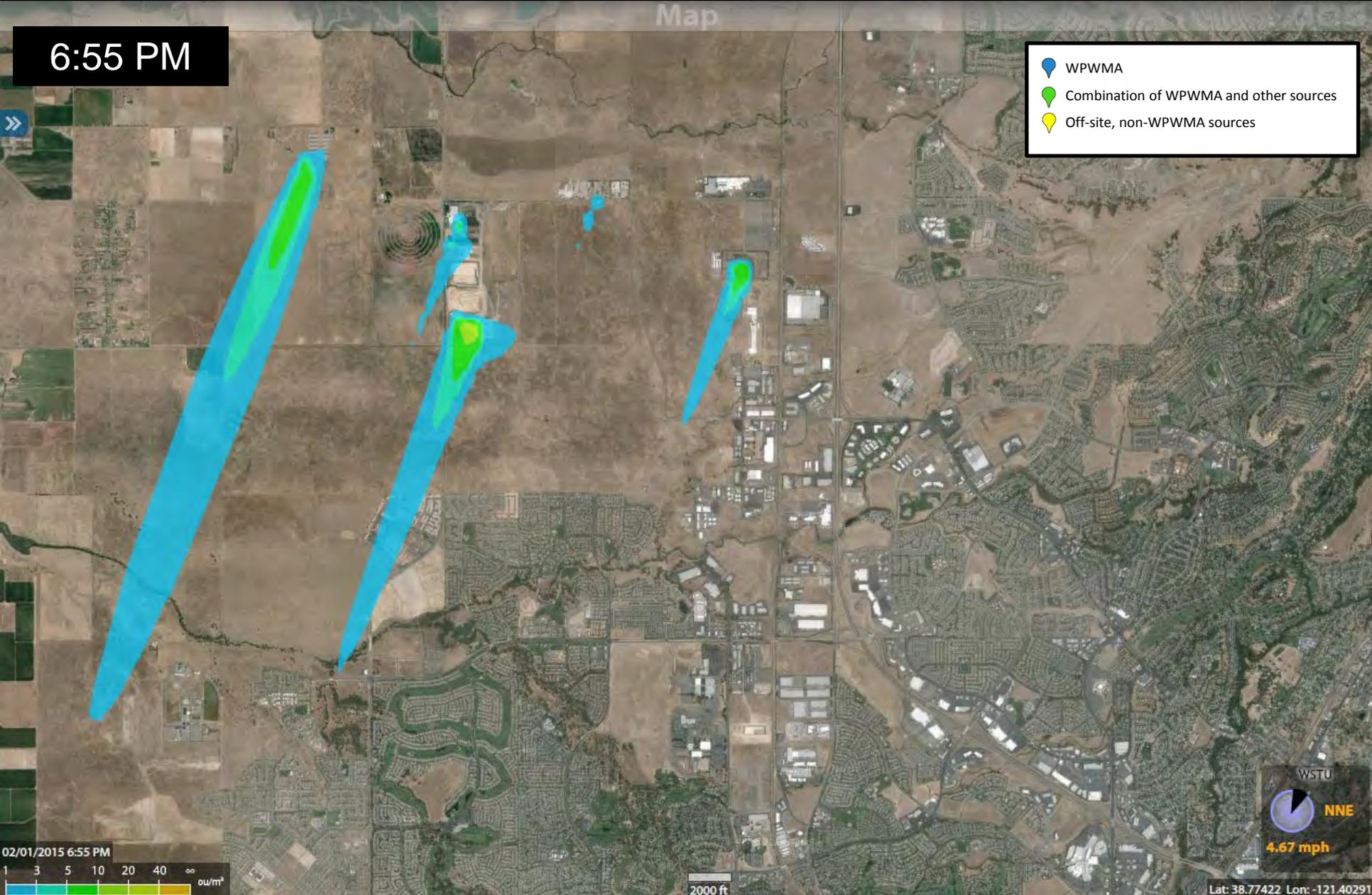


Lat: 38.83971 Lon: -121.39286

Map

6:55 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

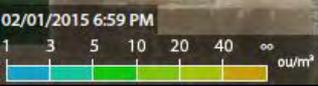
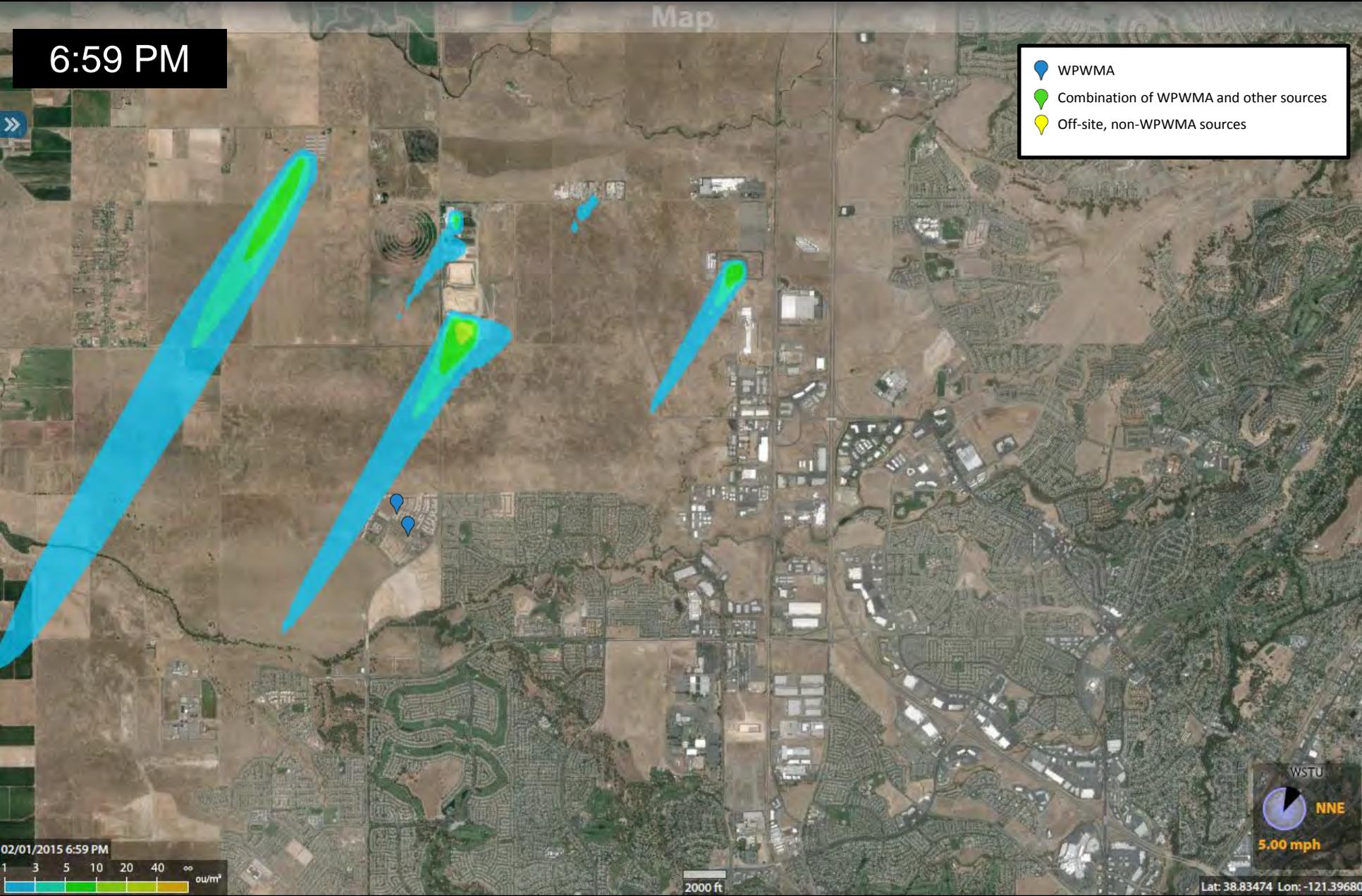


Lat: 38.77422 Lon: -121.40291

Map

6:59 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

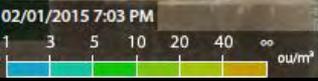


Lat: 38.83474 Lon: -121.39680

7:03 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

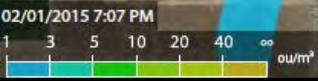


Lat: 38.83231 Lon: -121.39259

7:07 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85567 Lon: -121.36462

7:11 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:11 PM



2000 ft

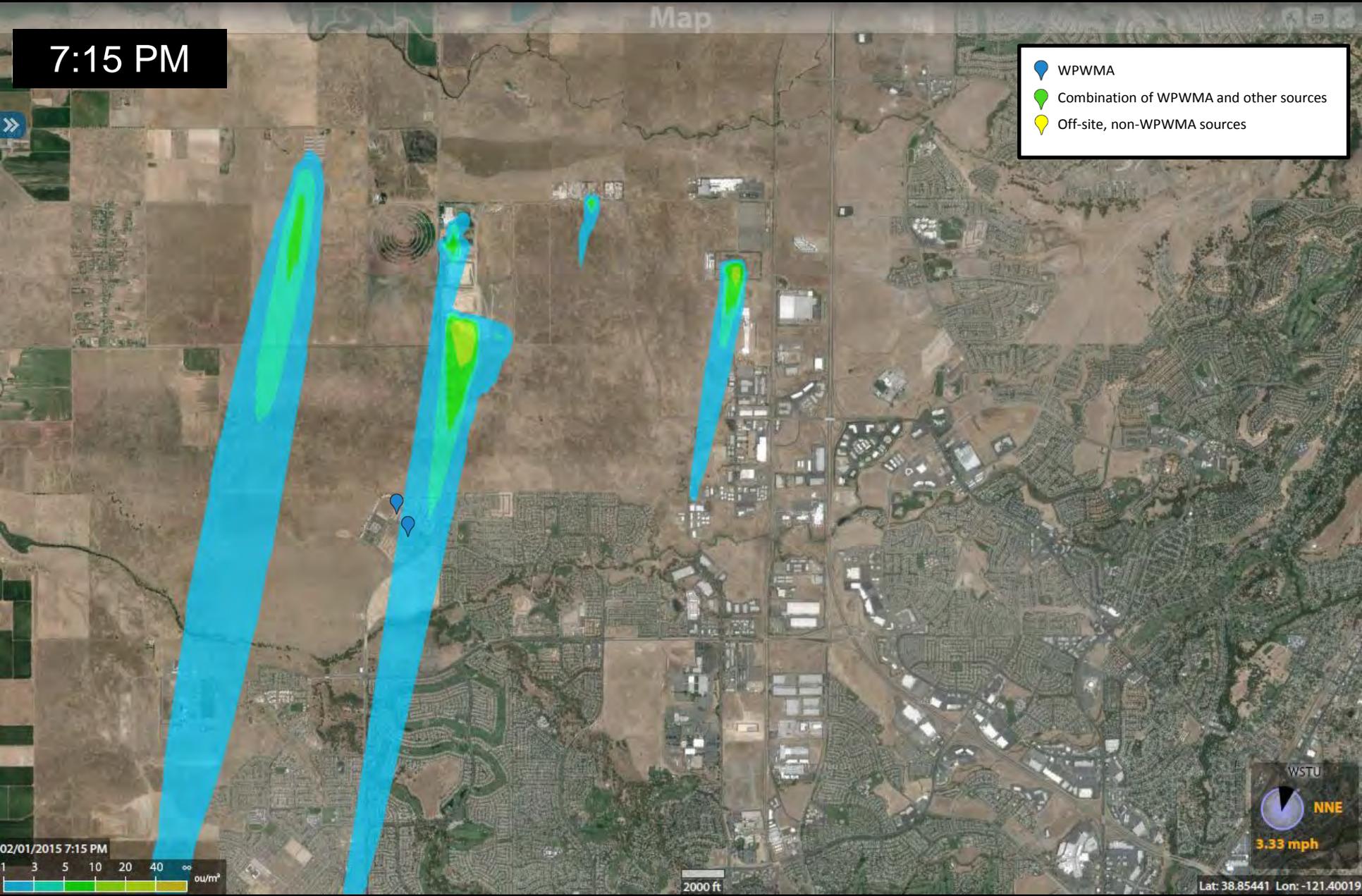


Lat: 38.85441 Lon: -121.40019

7:15 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 7:15 PM



2000 ft



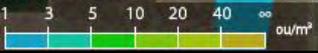
Lat: 38.85441 Lon: -121.40019

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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources

02/01/2015 7:19 PM



2000 ft



Lat: 38.84447 Lon: -121.40399

7:23 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:23 PM



2000 ft



Lat: 38.84901 Lon: -121.38648

7:27 PM

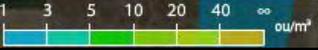
Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 7:27 PM



2000 ft

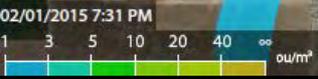


Lat: 38.85282 Lon: -121.38879

7:31 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



Lat: 38.84669 Lon: -121.39558

7:35 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:35 PM



2000 ft



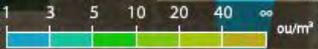
Lat: 38.85049 Lon: -121.39653

7:39 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:39 PM



2000 ft

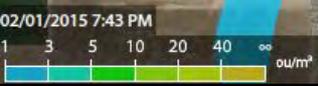


Lat: 38.85208 Lon: -121.40359

Map

7:43 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



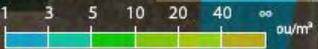
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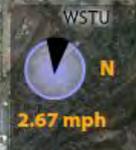
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 7:47 PM



2000 ft



Lat: 38.85557 Lon: -121.39924

7:51 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

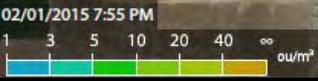


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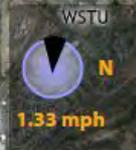
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Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



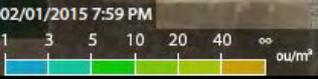
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7:59 PM

Map



-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

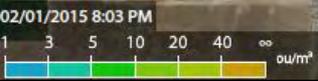


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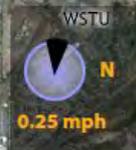
8:03 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

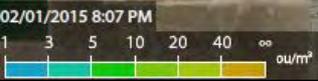


Lat: 38.84299 Lon: -121.40304

8:07 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

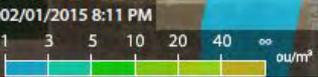


Lat: 38.85388 Lon: -121.40399

8:11 PM

Map

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85155 Lon: -121.39992

8:15 PM

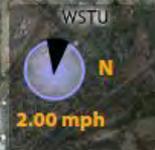
Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 8:15 PM



2000 ft



Lat: 38.85567 Lon: -121.38729

8:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 8:19 PM



2000 ft

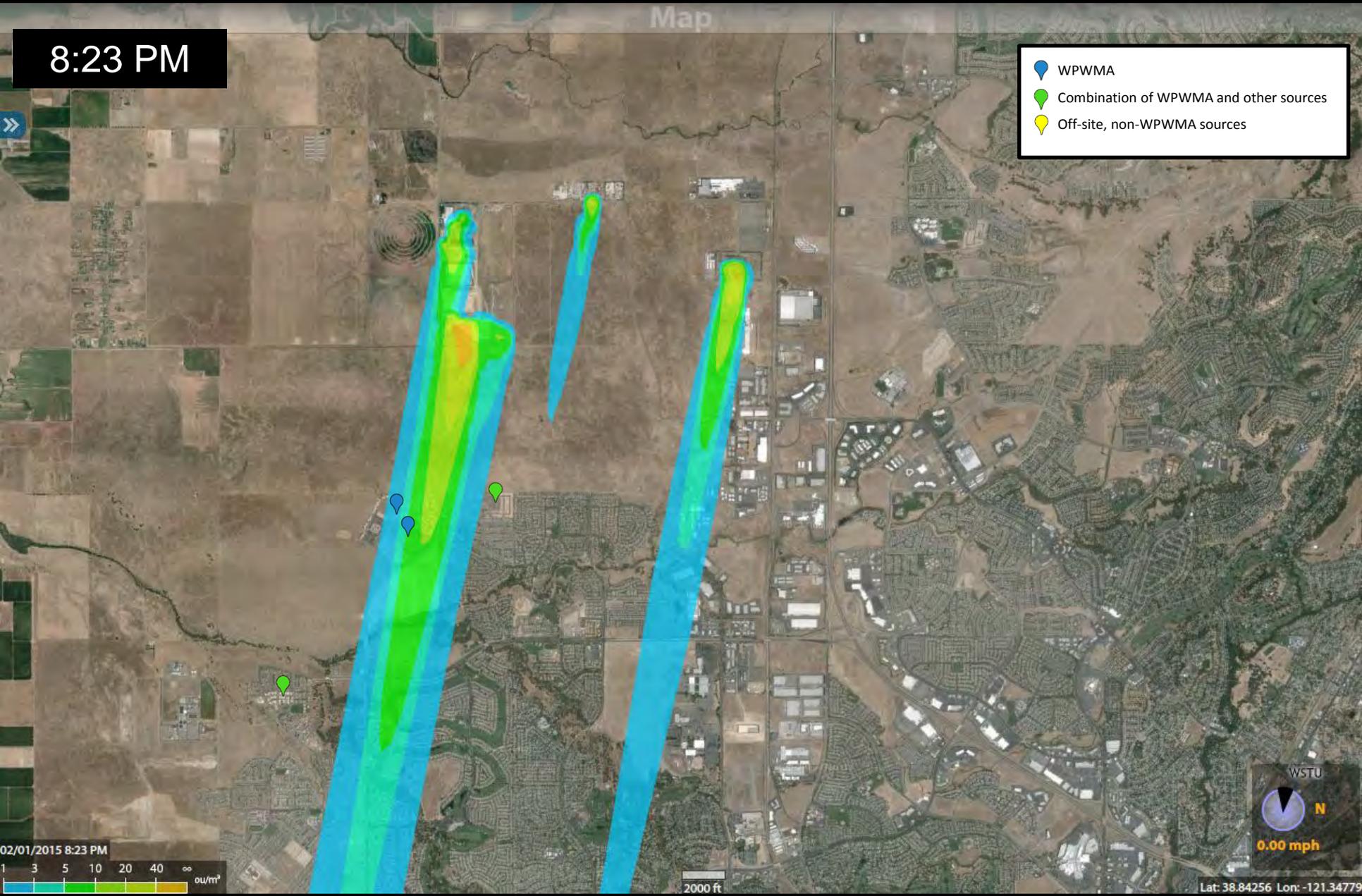


Lat: 38.85567 Lon: -121.38729

Map

8:23 PM

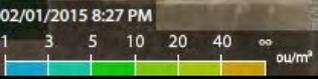
- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



8:27 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

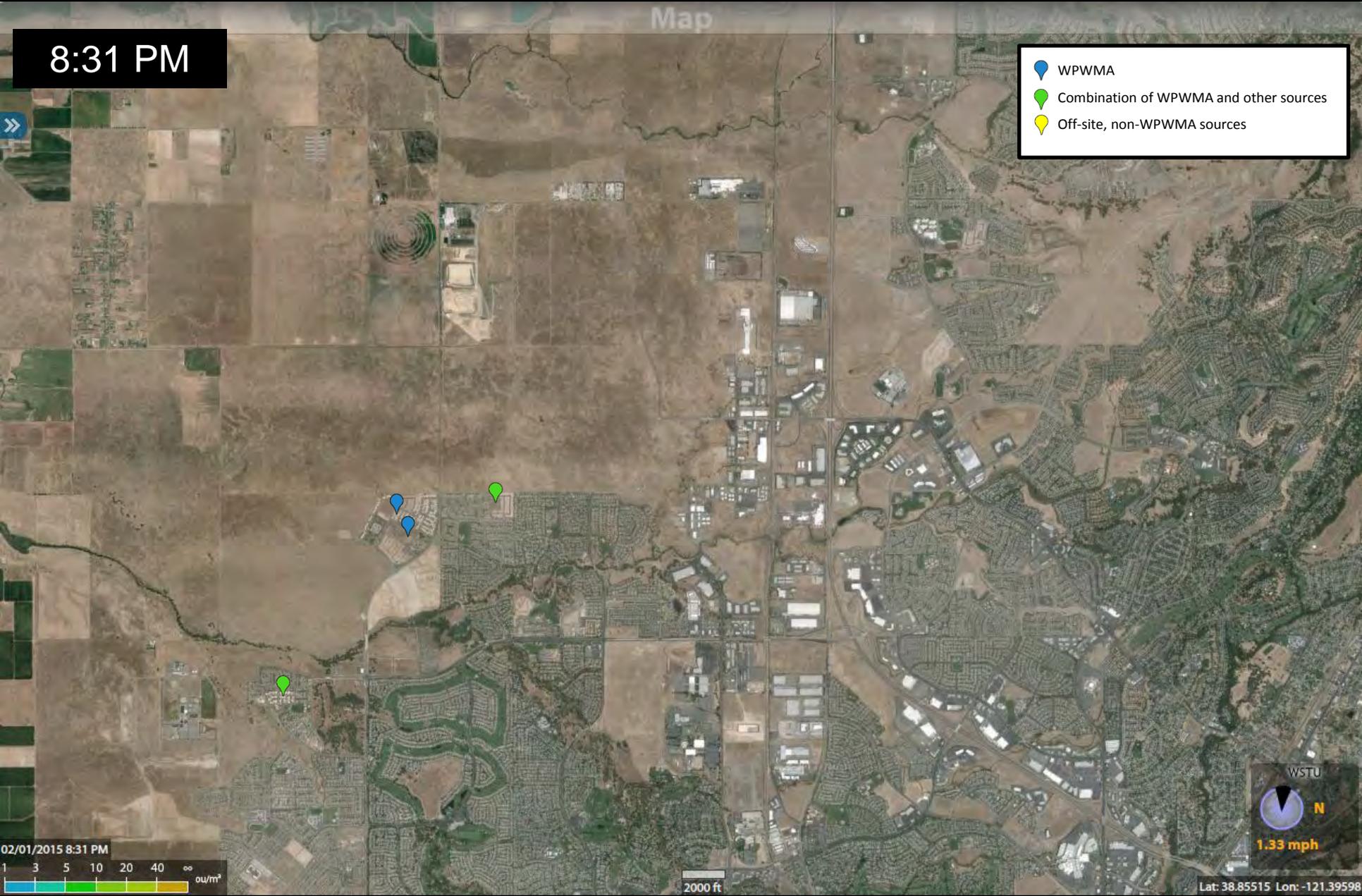


Lat: 38.84256 Lon: -121.34779

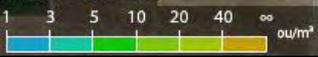
Map

8:31 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



02/01/2015 8:31 PM



2000 ft



Lat: 38.85515 Lon: -121.39598

8:35 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 8:35 PM



2000 ft

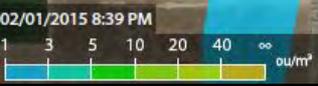
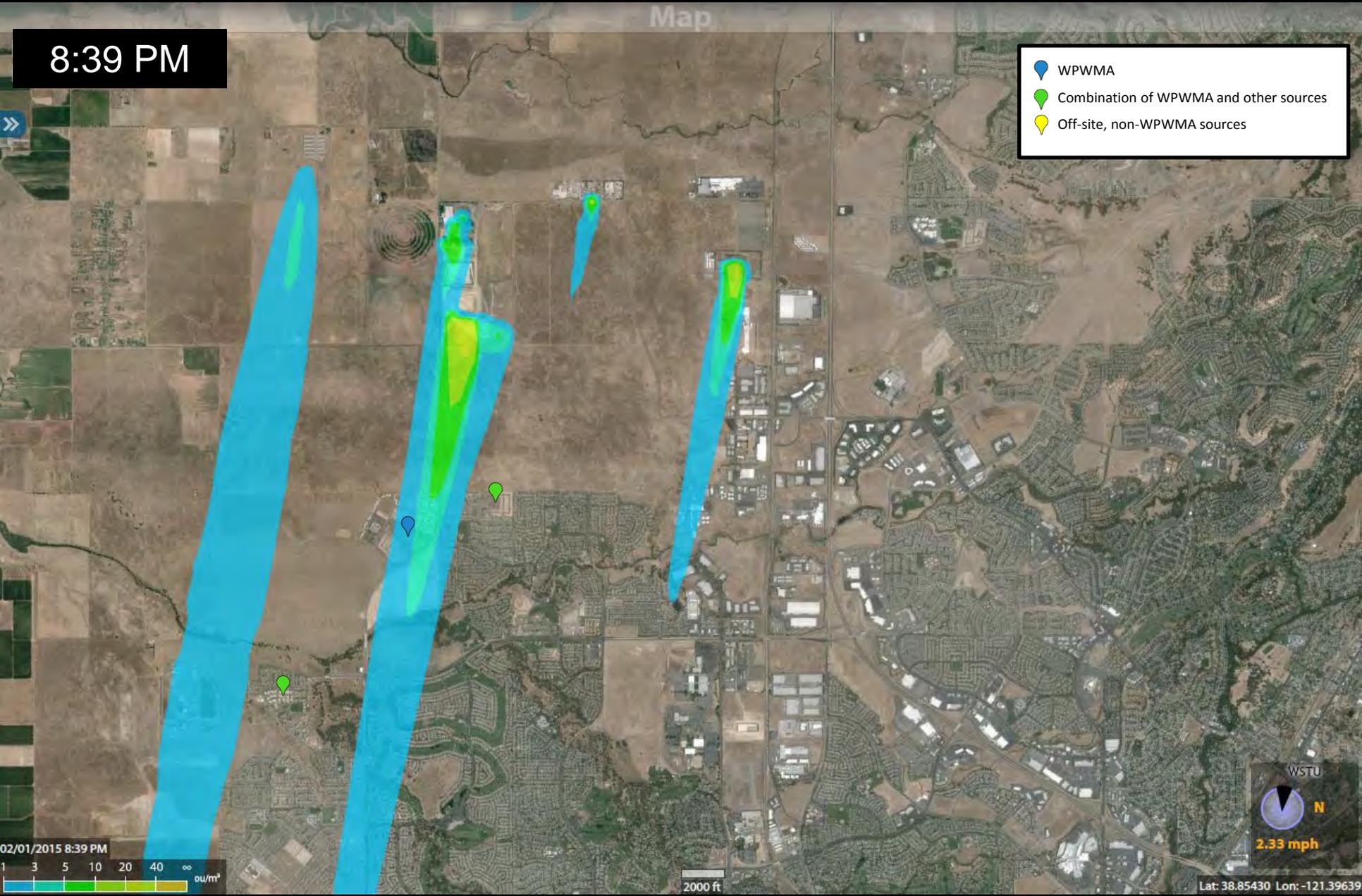


Lat: 38.85335 Lon: -121.33489

Map

8:39 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft



Lat: 38.85430 Lon: -121.39639

8:43 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 8:43 PM



2000 ft

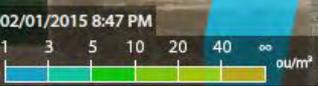


Lat: 38.79253 Lon: -121.38784

Map

8:47 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



2000 ft

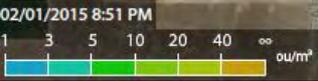


Lat: 38.85504 Lon: -121.37643

8:51 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

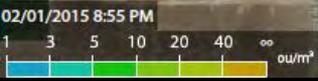


Lat: 38.85557 Lon: -121.39639

8:55 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

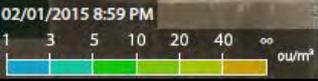
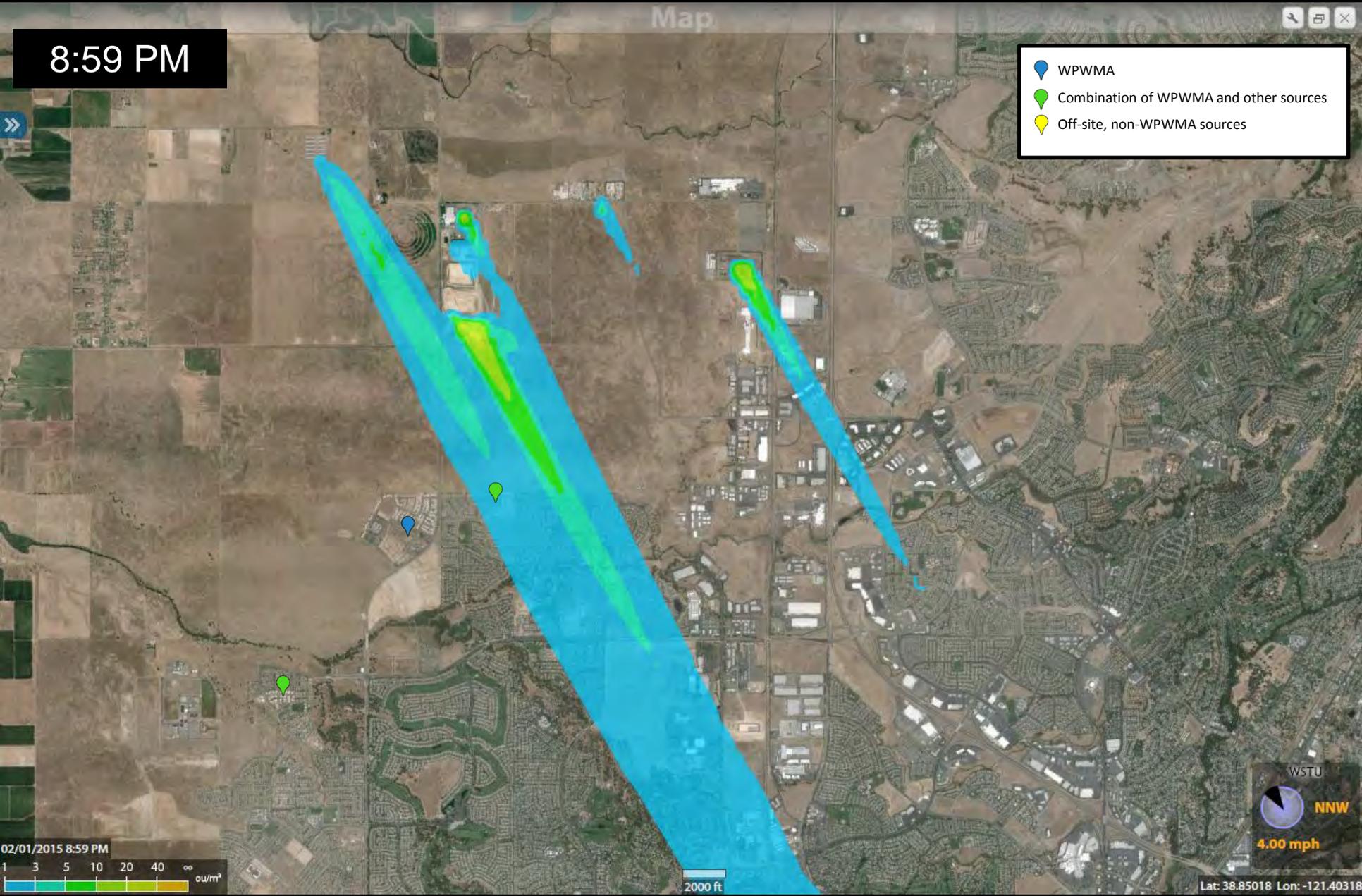


Lat: 38.85557 Lon: -121.39639

8:59 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

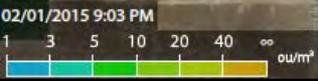
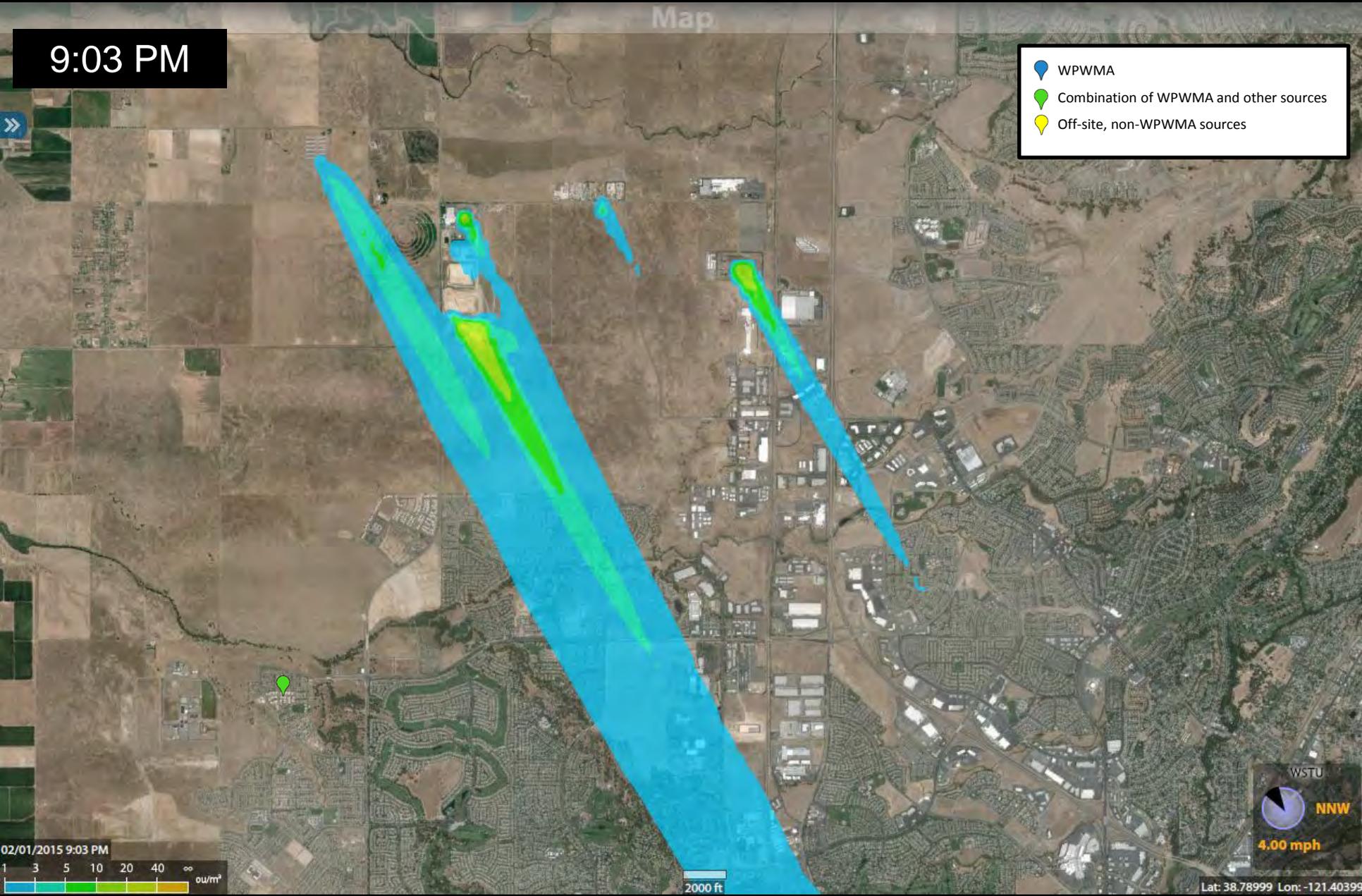


Lat: 38.85018 Lon: -121.40318

9:03 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

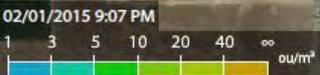


Lat: 38.78999 Lon: -121.40399

9:07 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

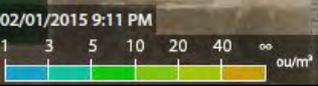
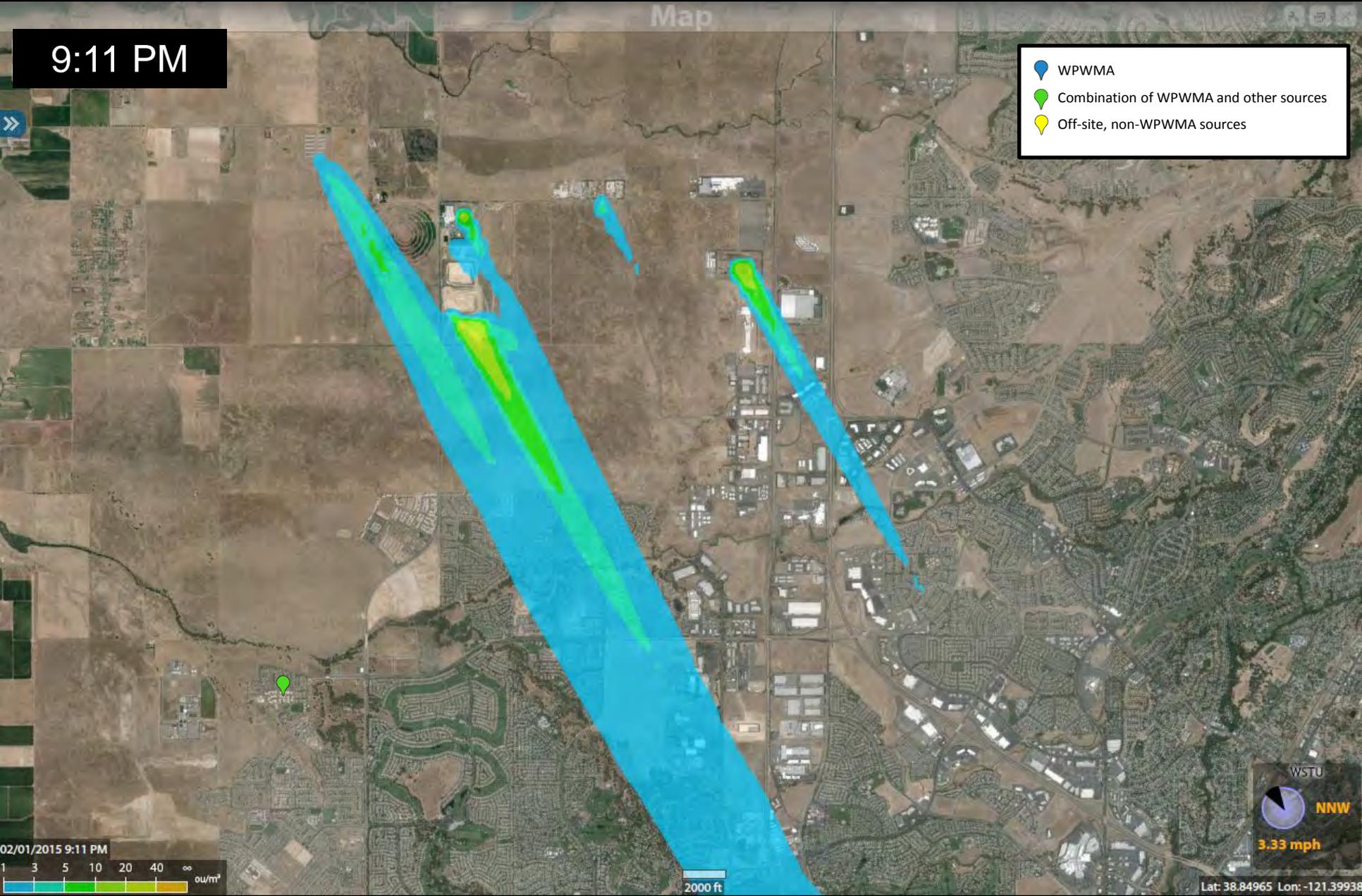


Lat: 38.85240 Lon: -121.39761

Map

9:11 PM

-  WPWMA
-  Combination of WPWMA and other sources
-  Off-site, non-WPWMA sources



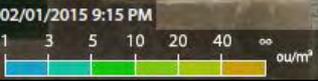
2000 ft

Lat: 38.84965 Lon: -121.39938

9:15 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft



Lat: 38.85567 Lon: -121.39992

9:19 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources

02/01/2015 9:19 PM



2000 ft

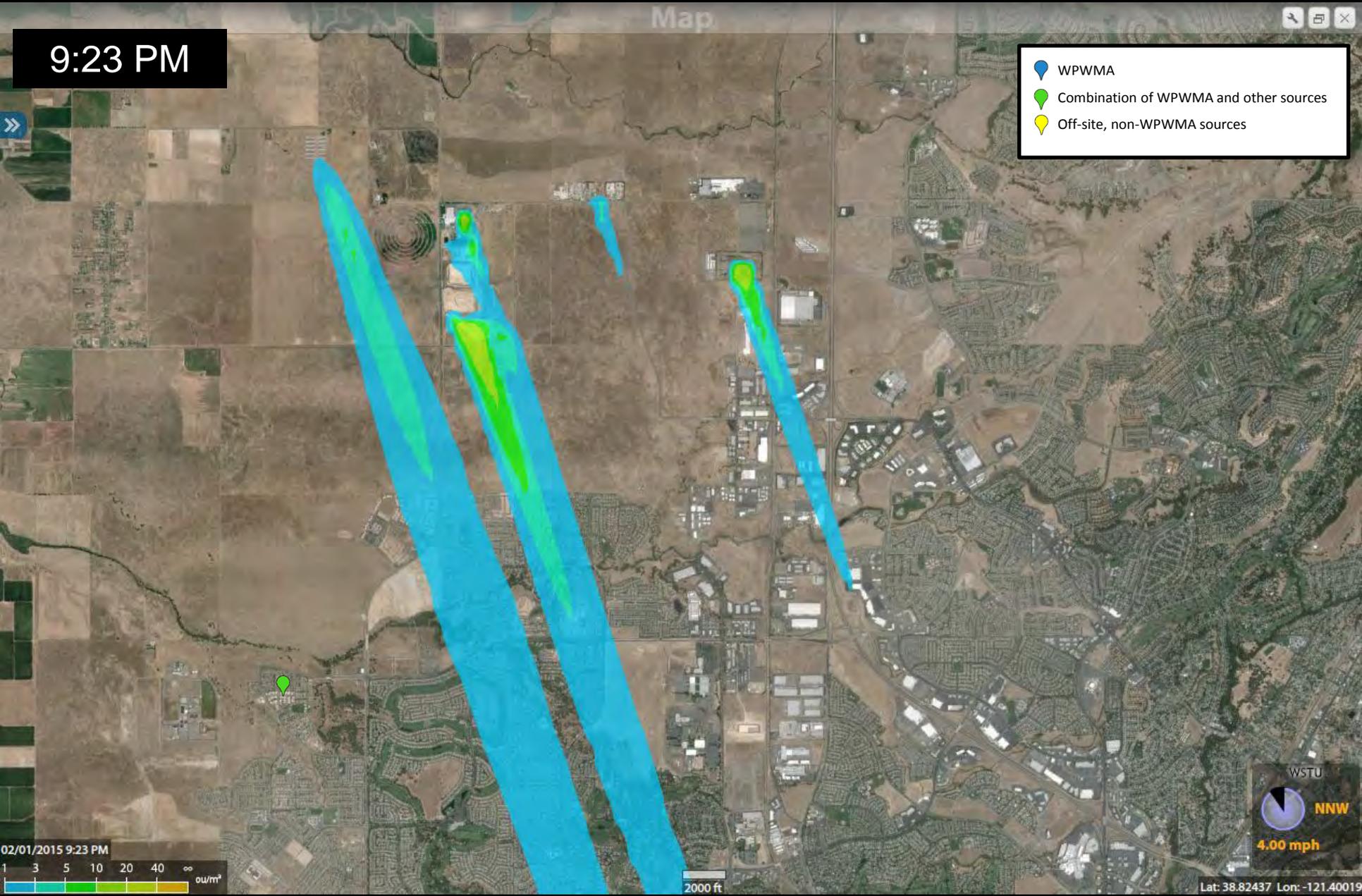


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9:23 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 9:23 PM
1 3 5 10 20 40 ∞
ow/m³

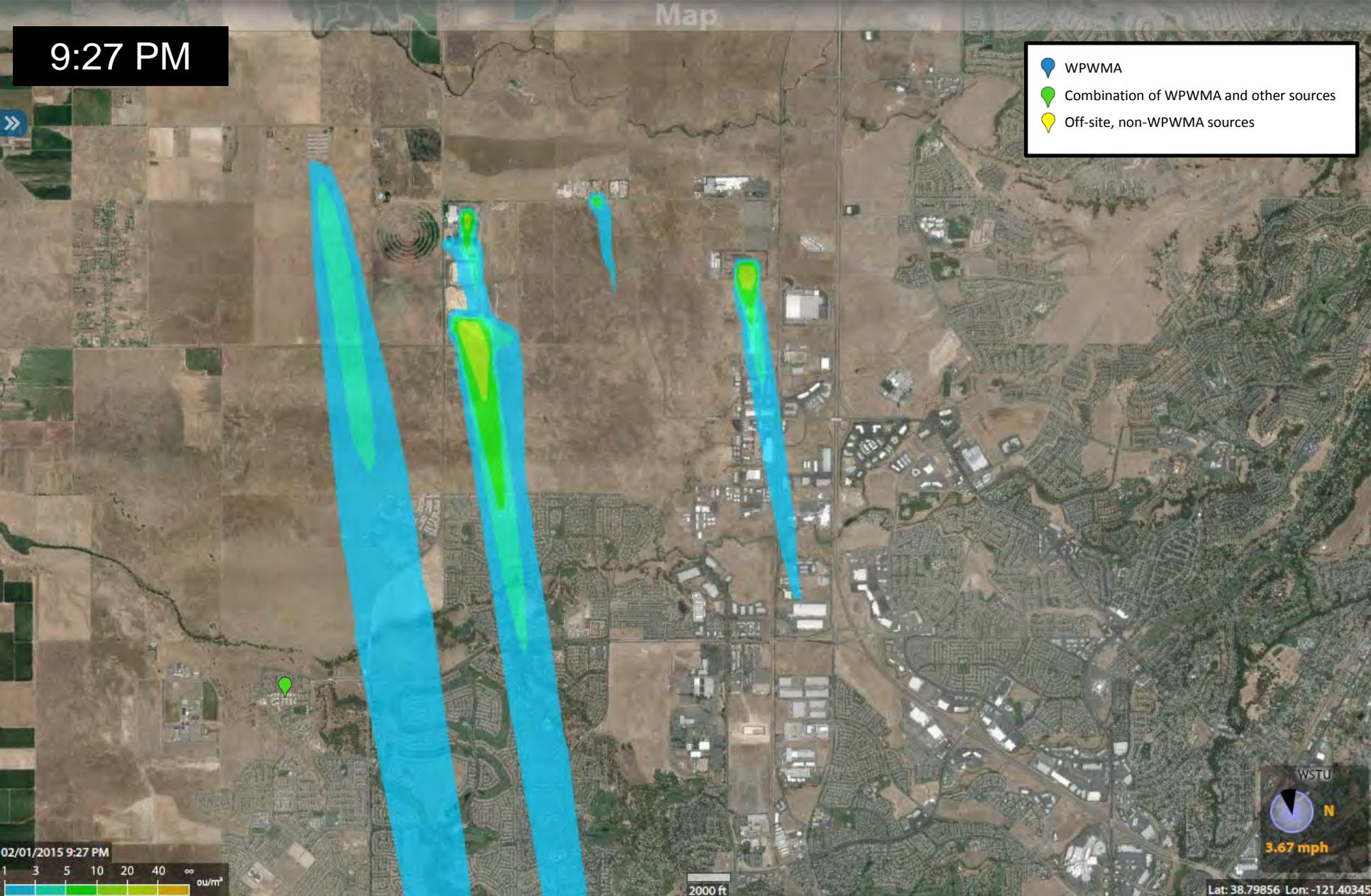
WSTU
NNW
4.00 mph

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9:27 PM

Map

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



2000 ft

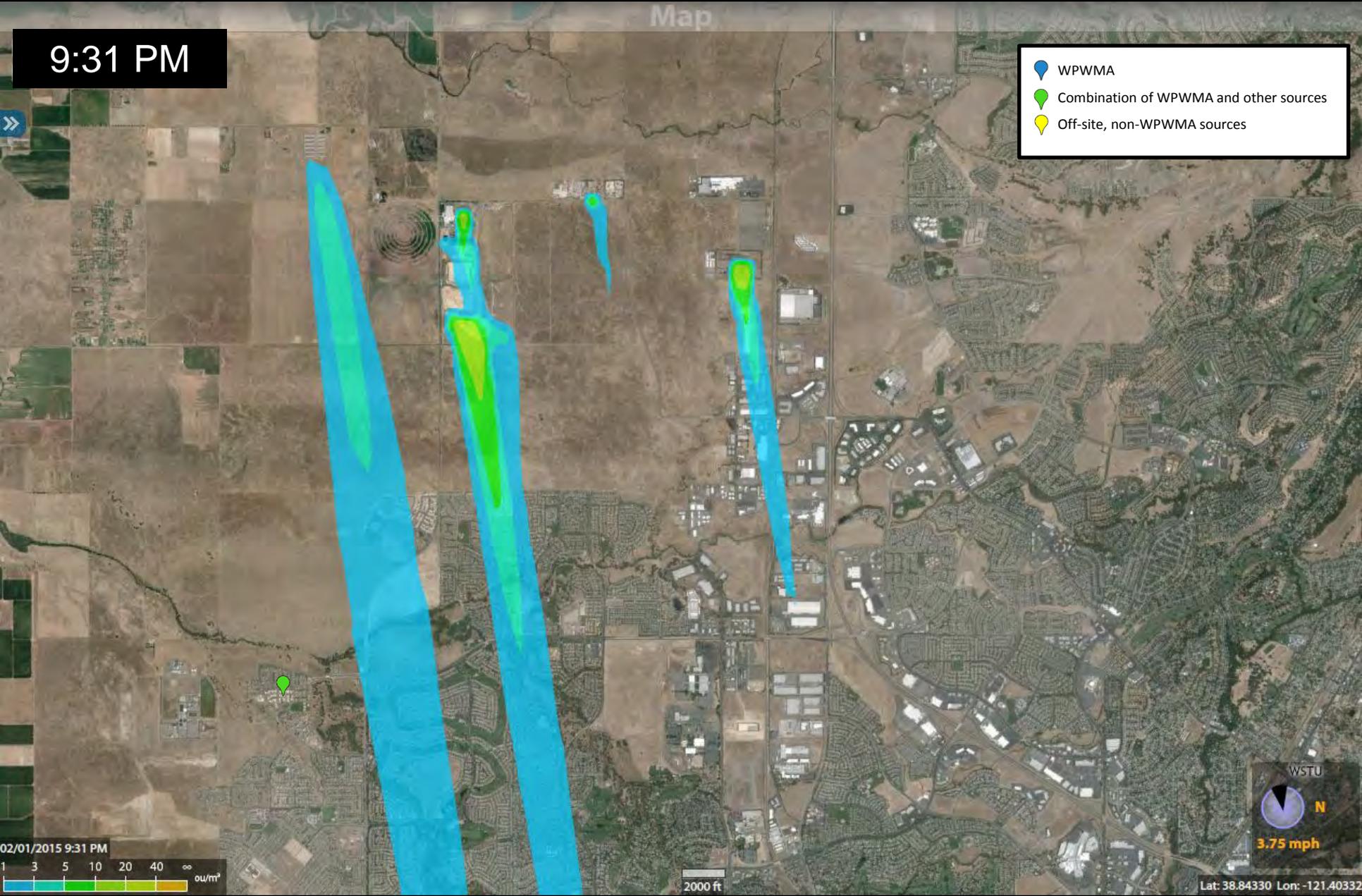


Lat: 38.79856 Lon: -121.40345

Map

9:31 PM

- WPWMA
- Combination of WPWMA and other sources
- Off-site, non-WPWMA sources



02/01/2015 9:31 PM
1 3 5 10 20 40 ∞
ou/m³

2000 ft

WSTU
N
3.75 mph

Lat: 38.84330 Lon: -121.40332



SUMMARY & NEXT STEPS

- Based on the results from the WPWMA's continuous odor monitoring system, it appears most of the reported odors experienced in the area were not directly related to the WPWMA's operations.
- The WPWMA is proceeding with efforts to continue to reduce odors from its operations, including:
 - Installation of the final cover system on the south slopes of the landfill
 - Application of an odor neutralizer of wastes leaving the MRF prior to burial at the landfill
 - Conducting an in-vessel food waste composting pilot study
- The WPWMA is also making improvements to the odor monitoring system to improve its accuracy and sensitivity during low wind conditions.