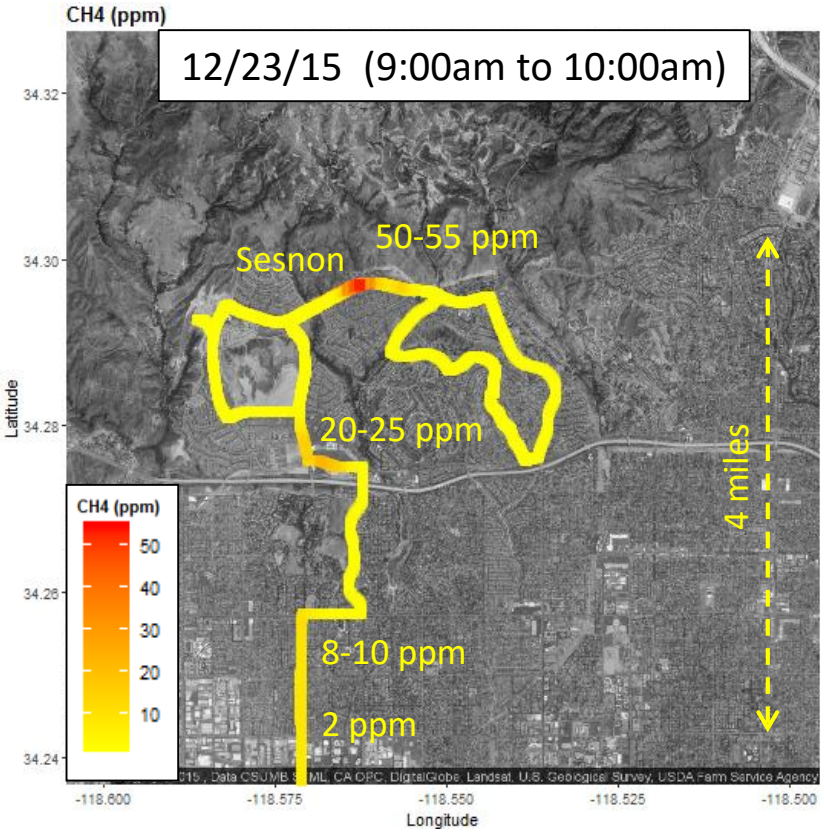
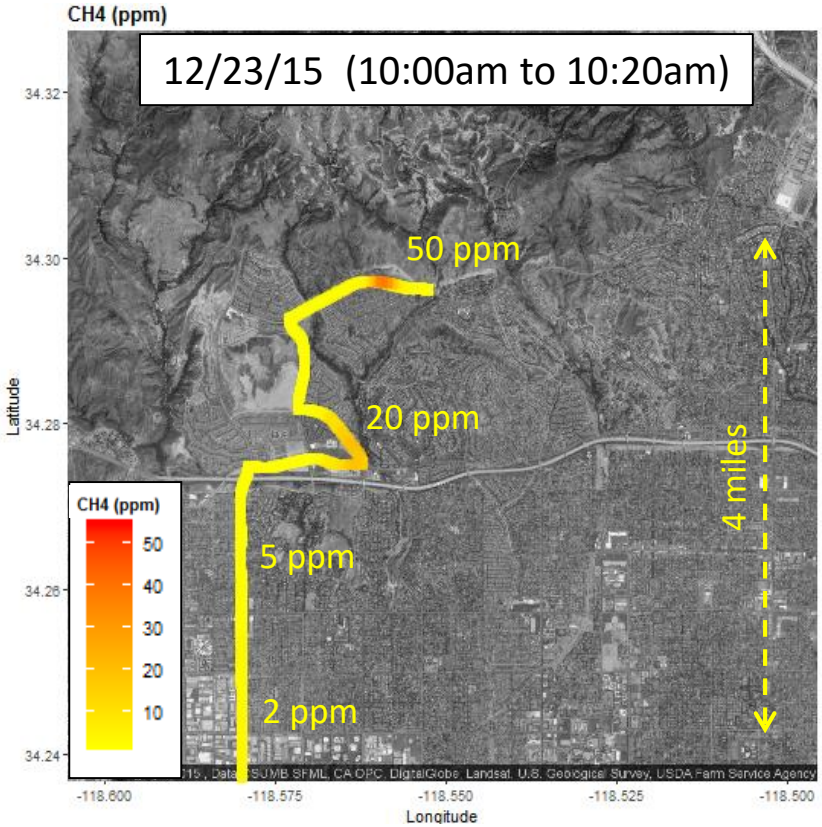
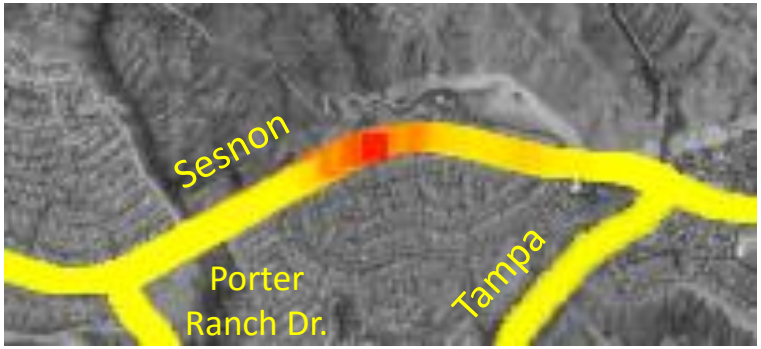
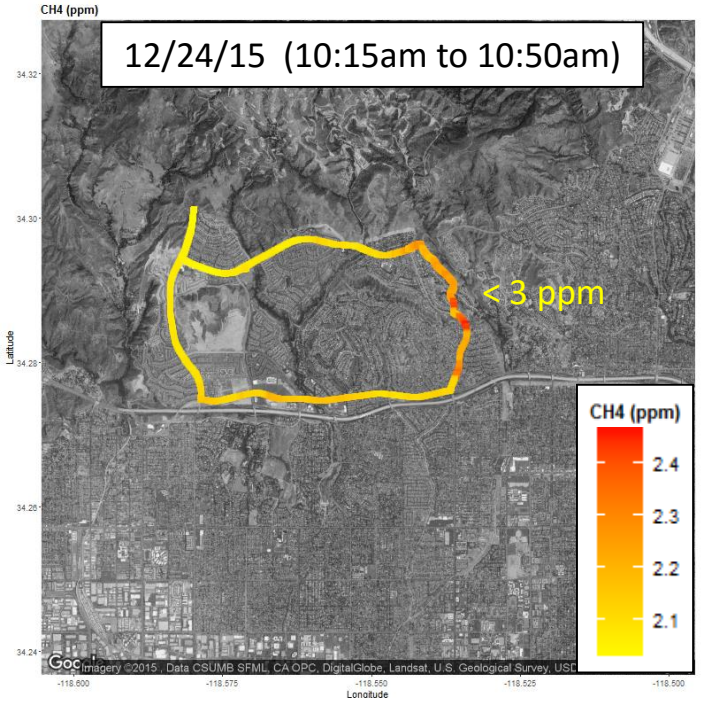
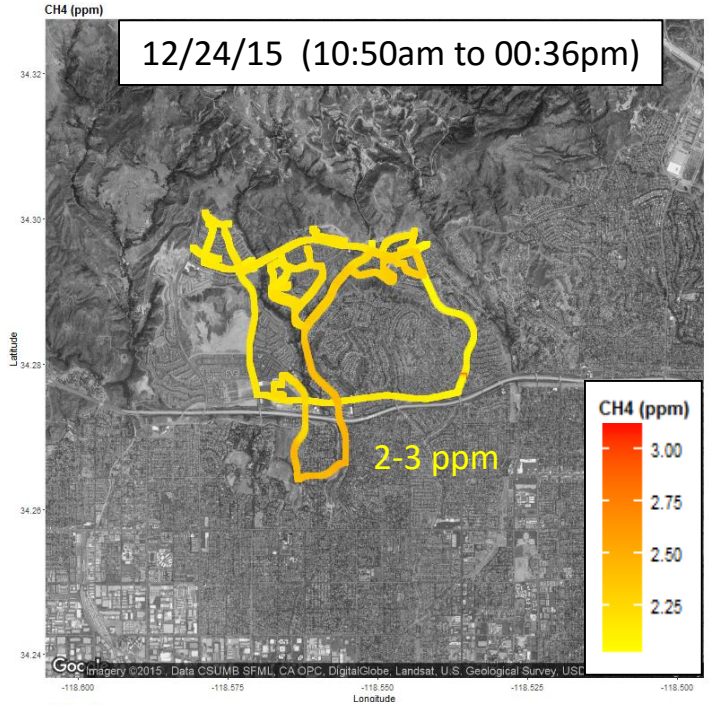


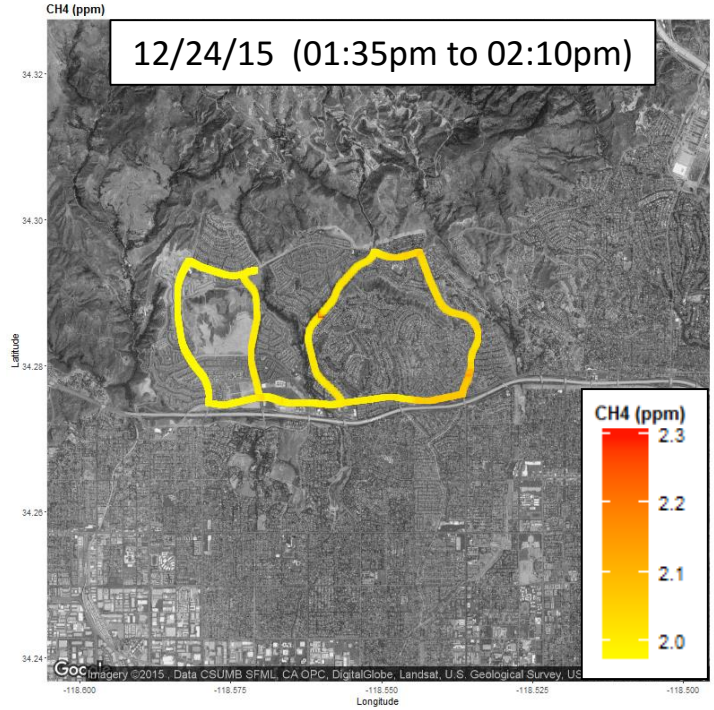


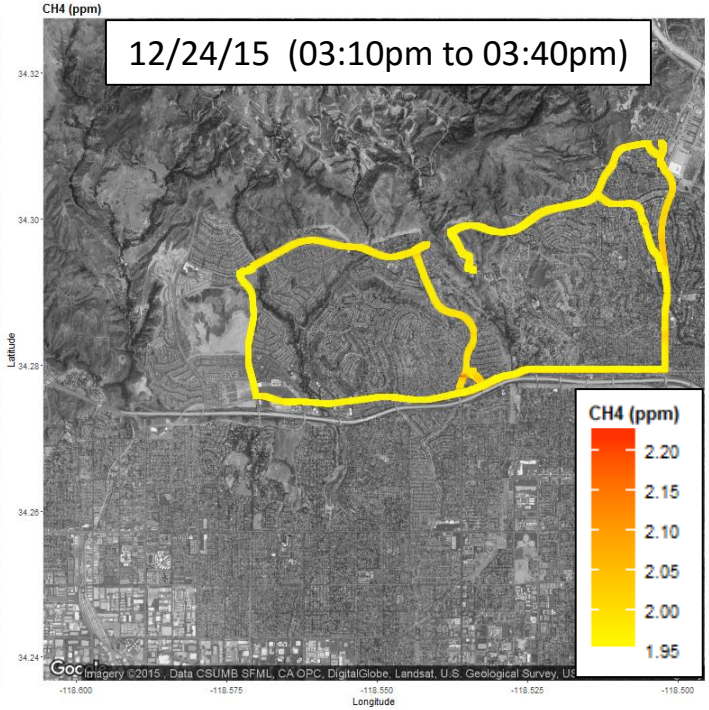
- Northerly winds
- The highest methane concentrations (up to 55 ppm) were measured on Sesnon Blvd, between Porter Ranch Dr. and Tampa Ave. and not too far from (and downwind of) the SoCalGas facility
- A distinctive smell of mercaptan was detected on Sesnon Blvd
- The methane concentration decreased gradually driving from Porter Ranch towards the 118 freeway and reached 2 ppm (background) ~4 miles south of Sesnon Blvd



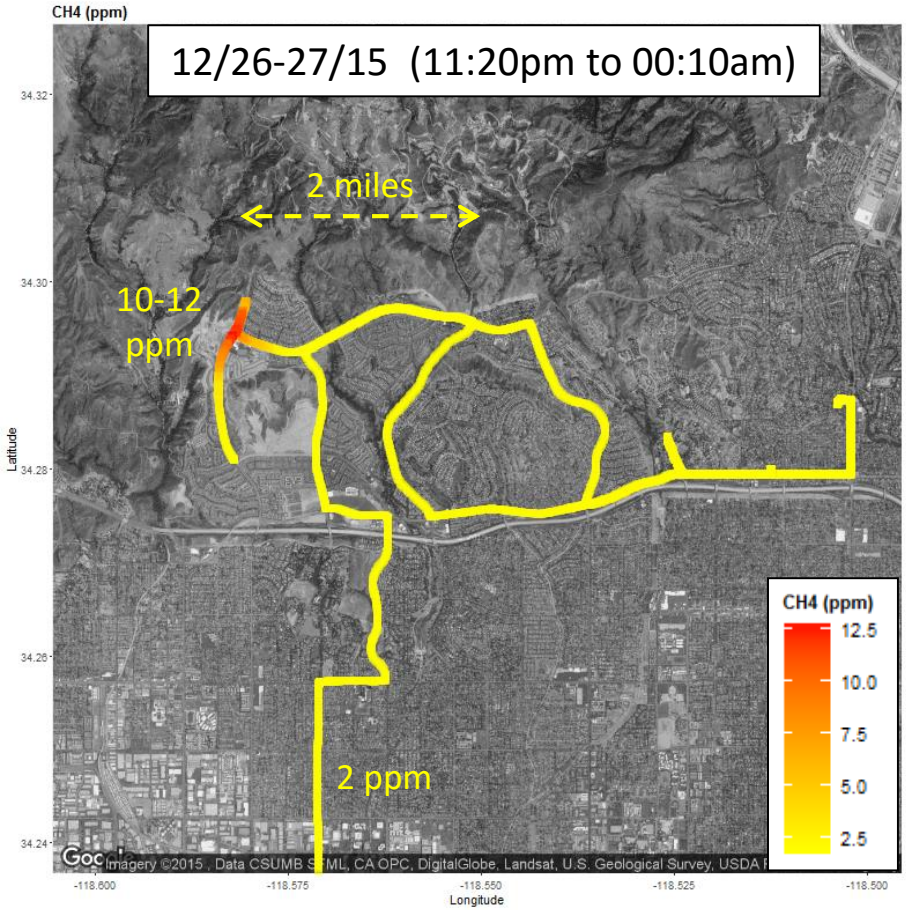


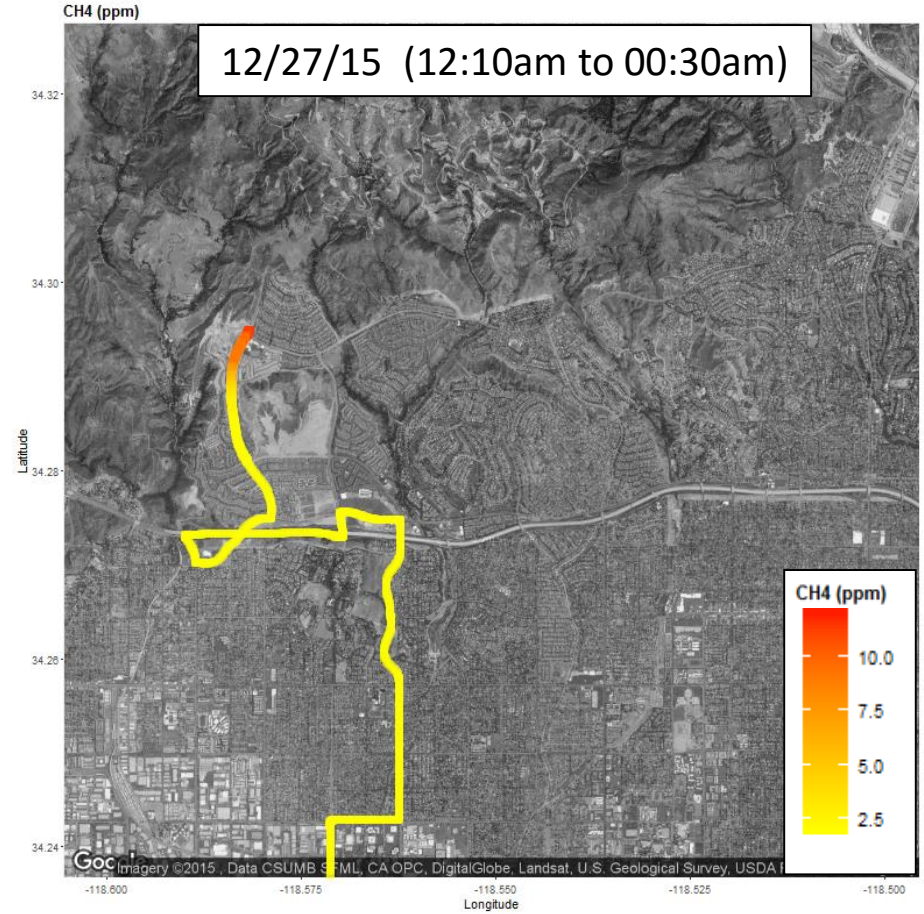


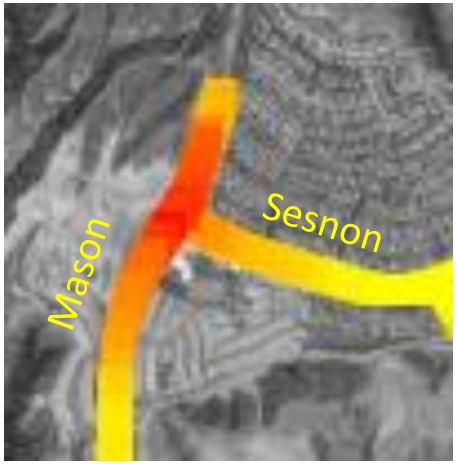




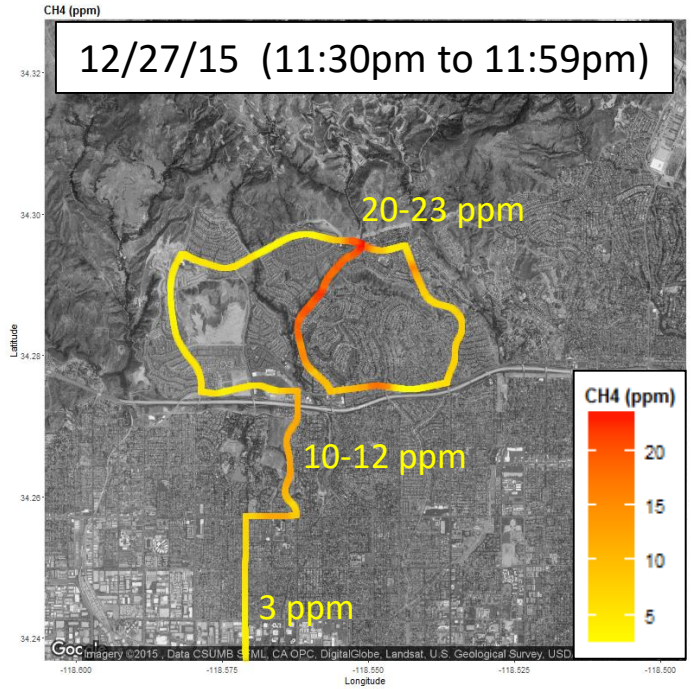
- The highest methane concentrations were slightly above background

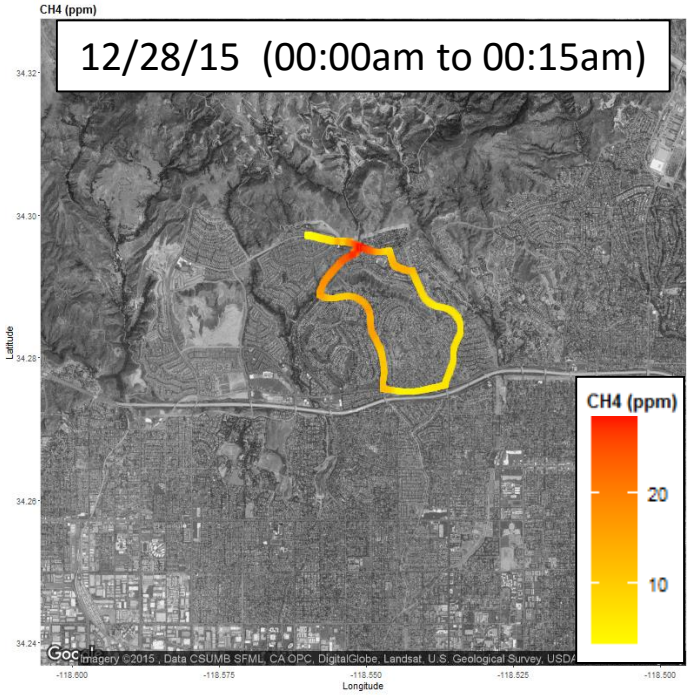


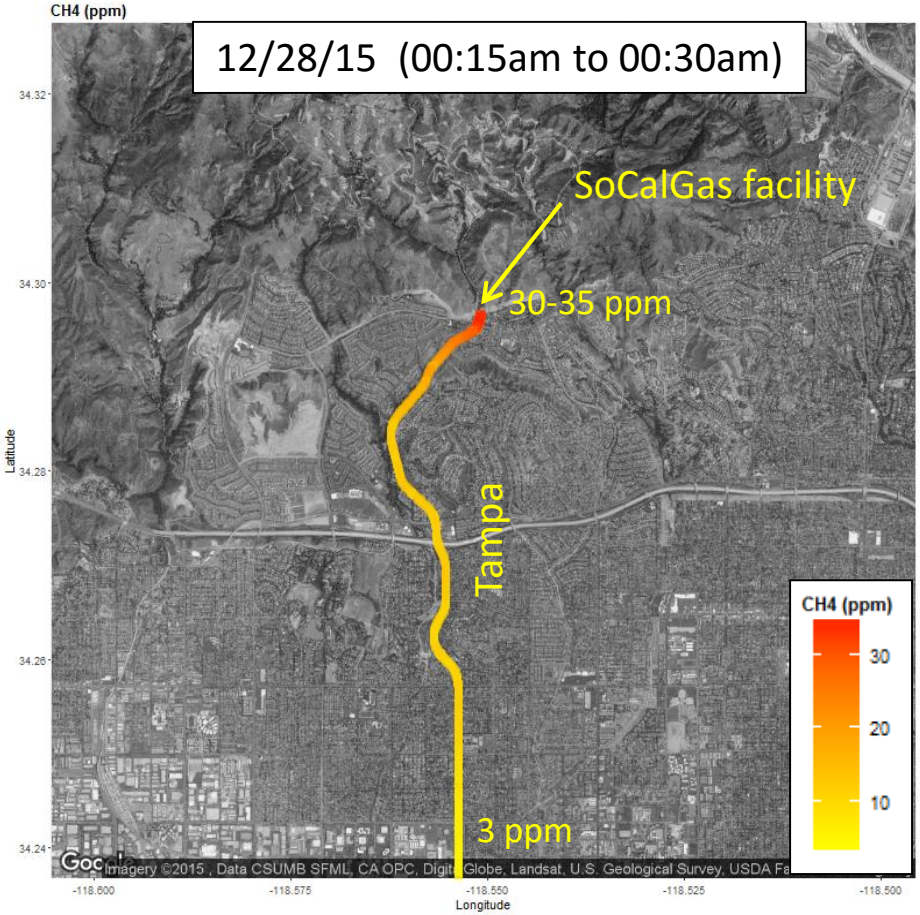




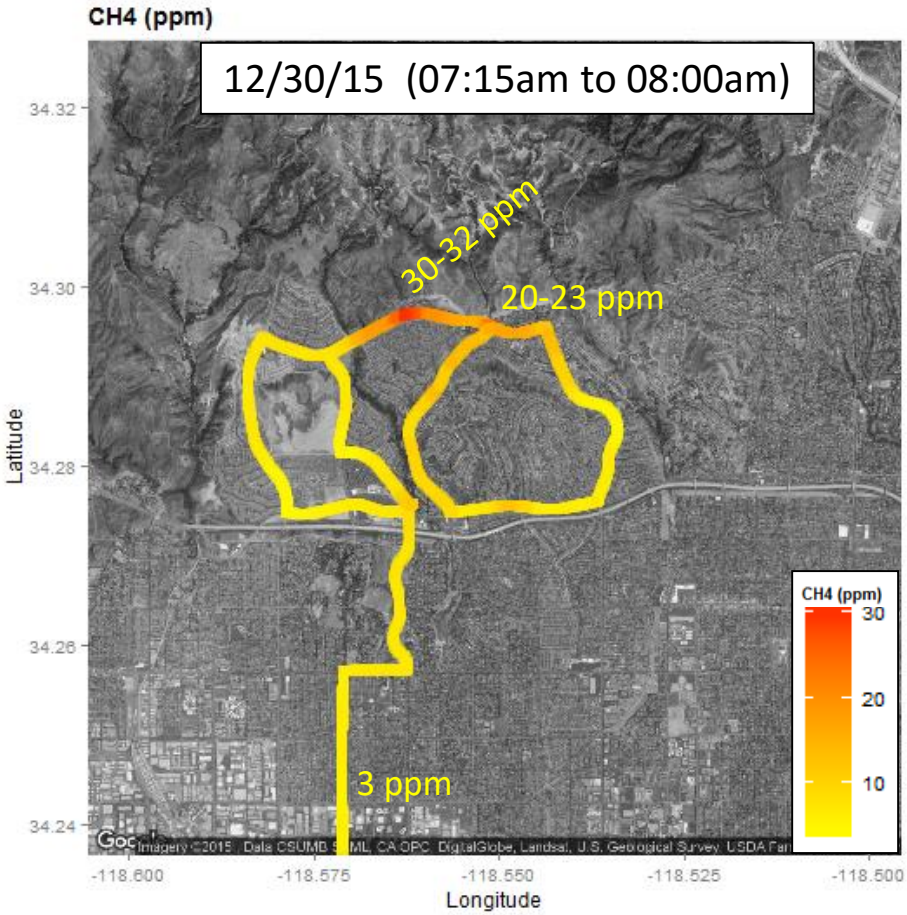
- Easterly winds
- The highest methane concentrations (10-12 ppm) were measured at the intersection between Sesnon Blvd and Mason, about 2 miles West of the source
- No smell of mercaptan was detected

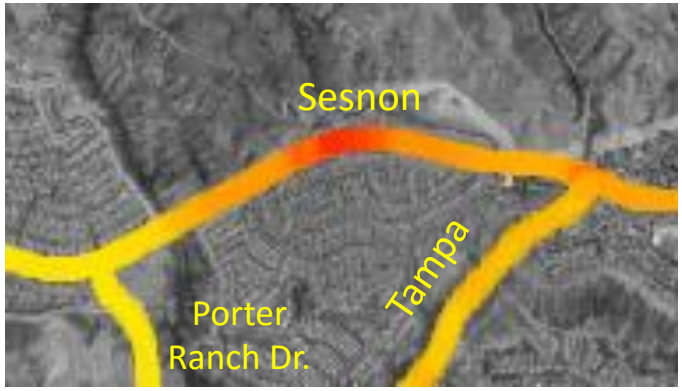




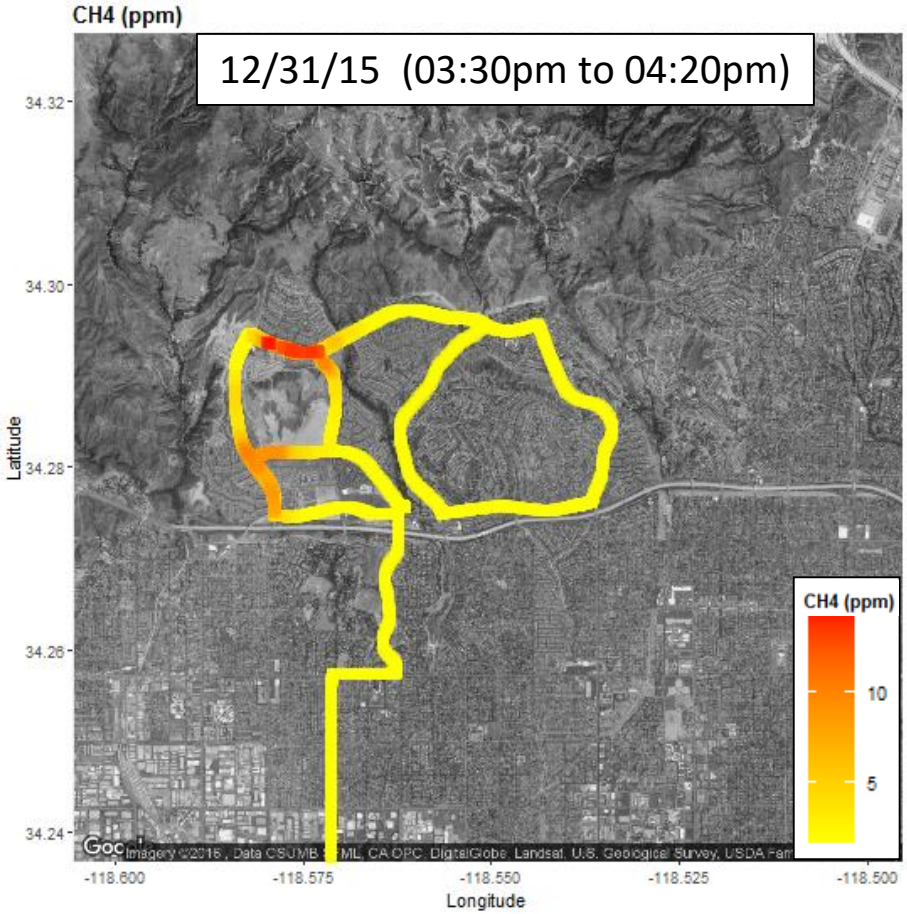


- Calm wind conditions
- Elevated baseline levels (> 3ppm)
- The highest methane concentrations (30-35 ppm) were measured at the entrance of the SoCalGas facility (between Sesnon and Tampa) and decreased gradually moving south on Tampa
- No smell of mercaptan was detected

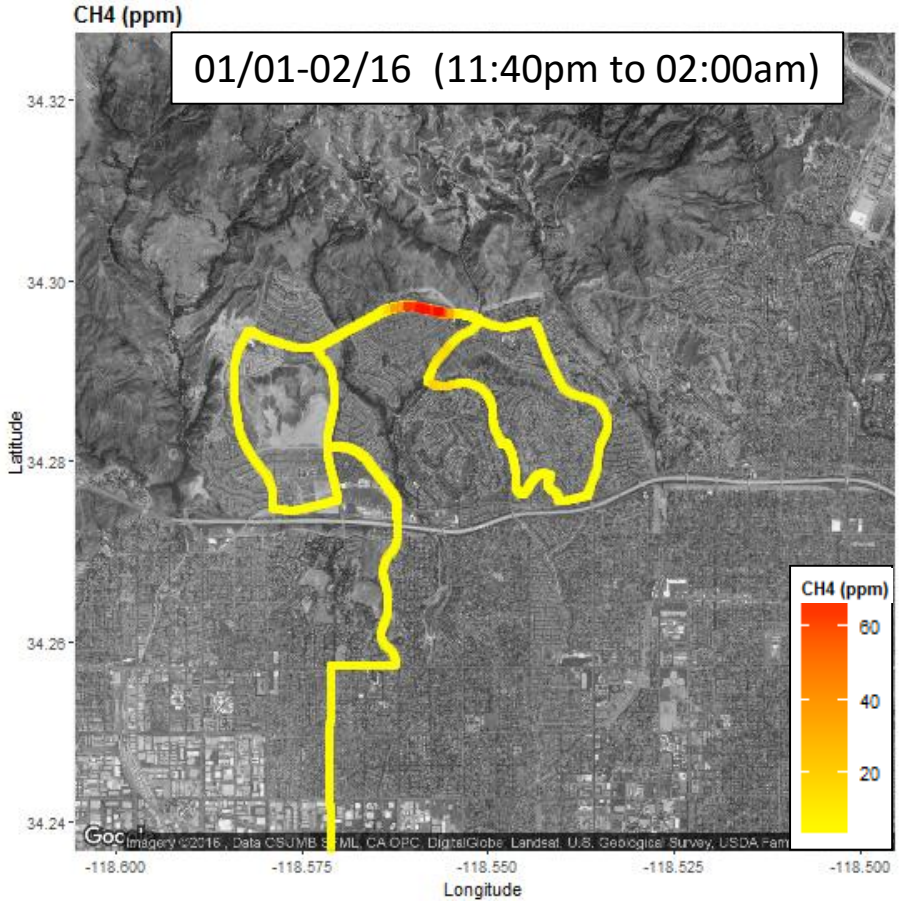


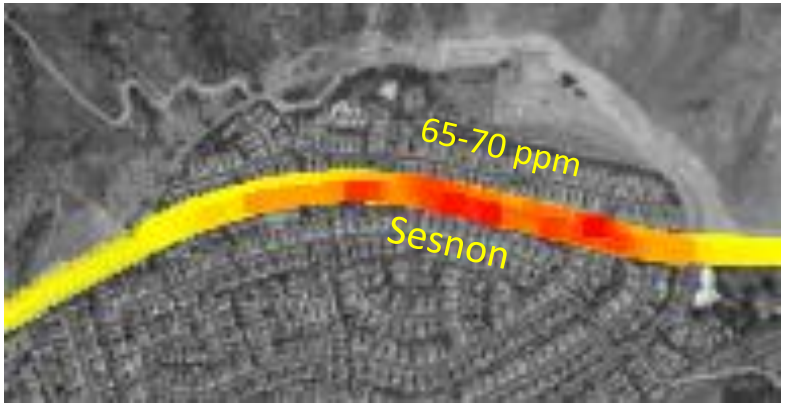


- Calm wind conditions
- Slightly elevated baseline methane levels (~3ppm)
- The highest methane concentrations (30-32 ppm) were measured on Sesnon Blvd near High Glen Way, where one of SCAQMD monitoring trailer is located
- No smell of mercaptan was detected

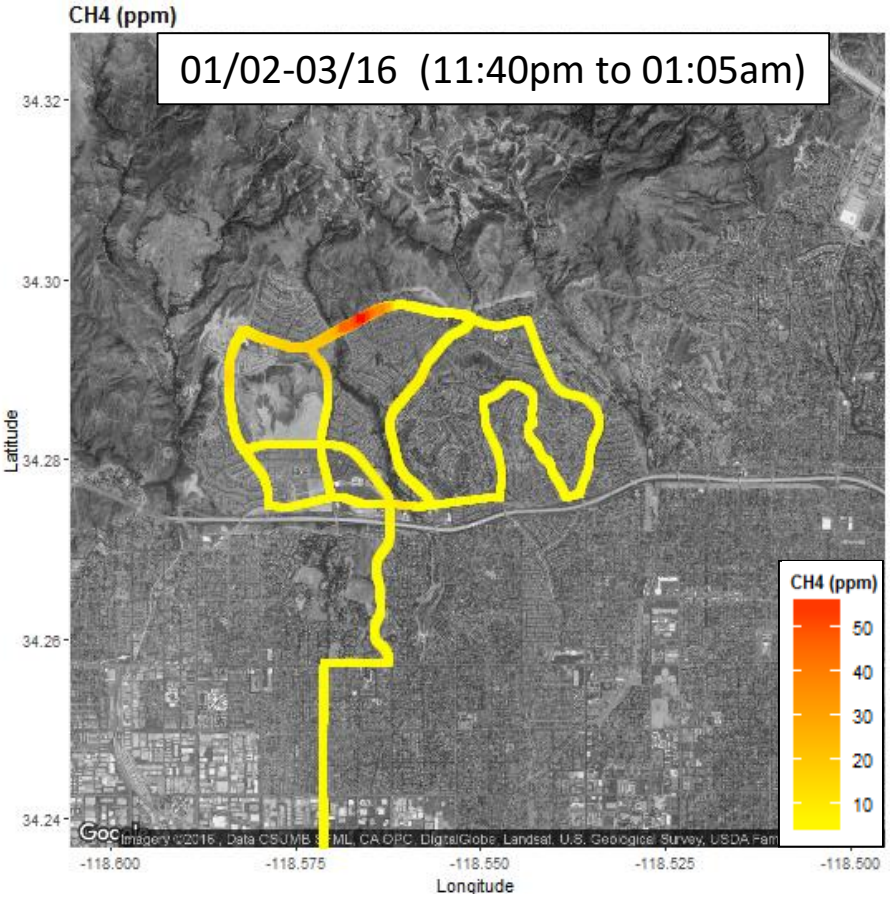


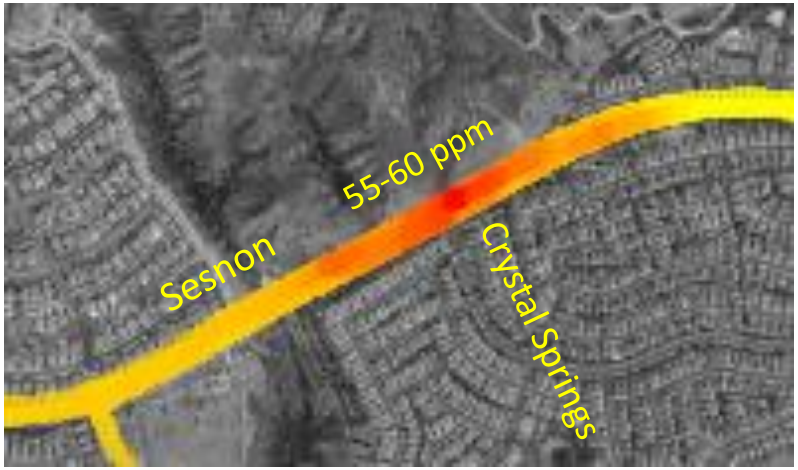
- Winds were blowing from North-East
- The highest methane concentrations (12-14 ppm) were measured on Sesnon Blvd near Porter Ranch Community School, where one of SCAQMD monitoring trailer is located
- Increased concentrations were also measured on Mason St. (south of Corbin)
- No smell of mercaptan was detected



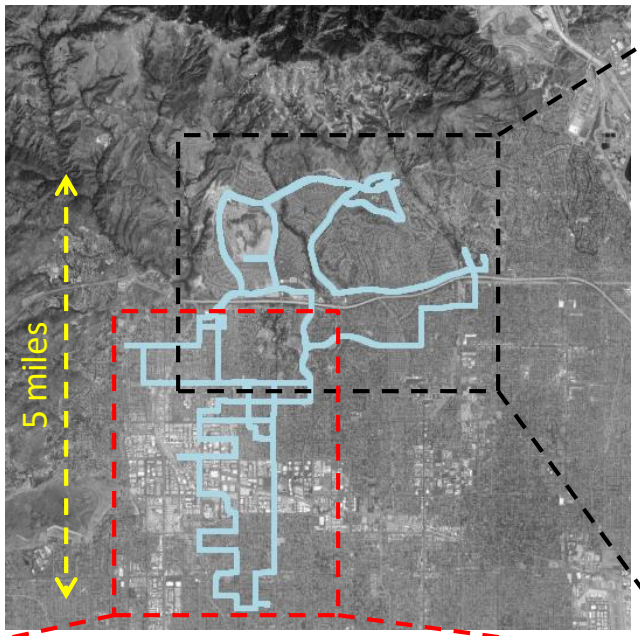


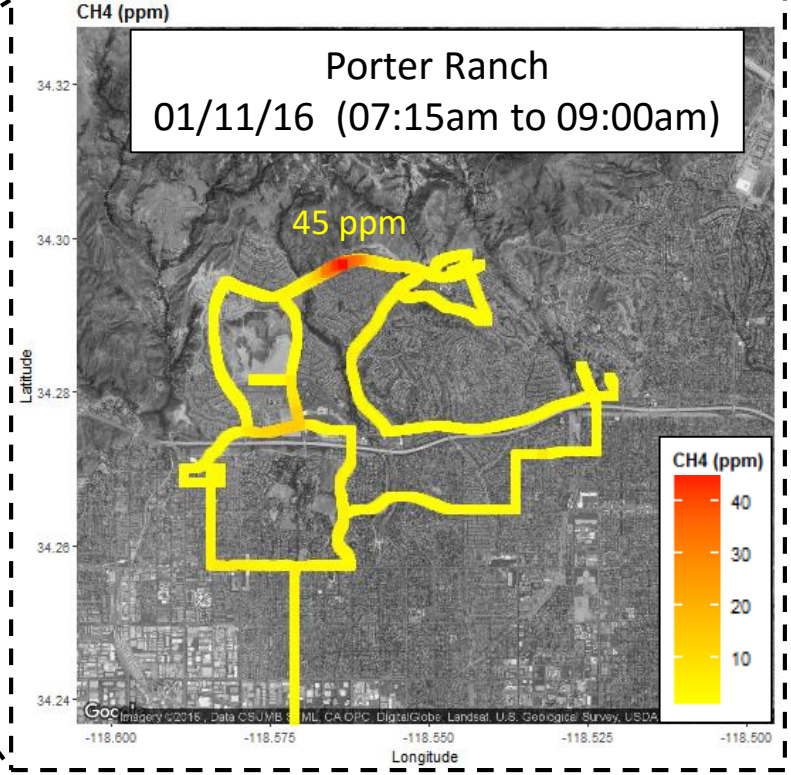
- Winds were calm and blowing from the North
- The highest methane concentrations (65-70 ppm) were measured on Sesnon Blvd
- The smell of mercaptan was very pronounced

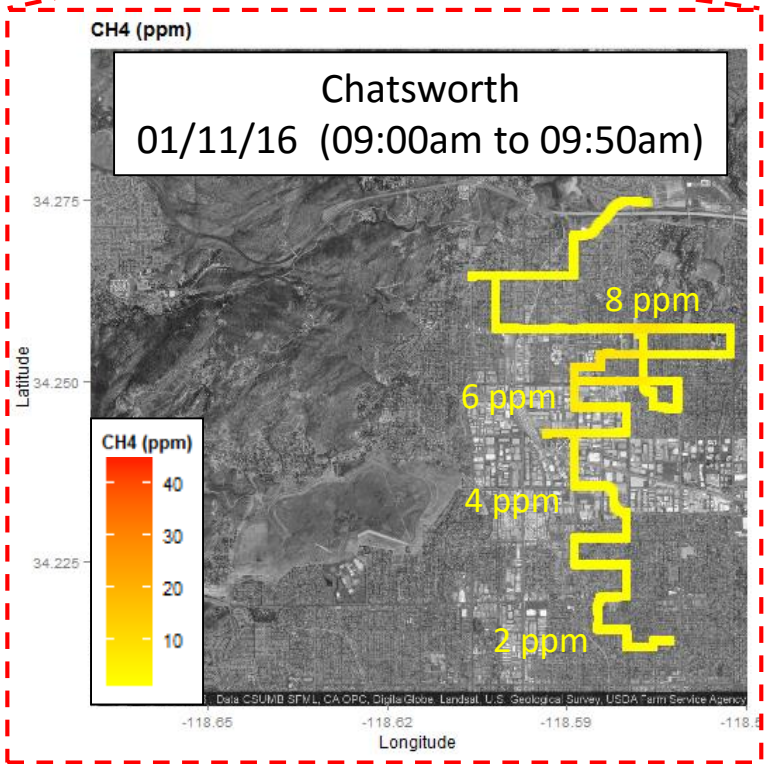




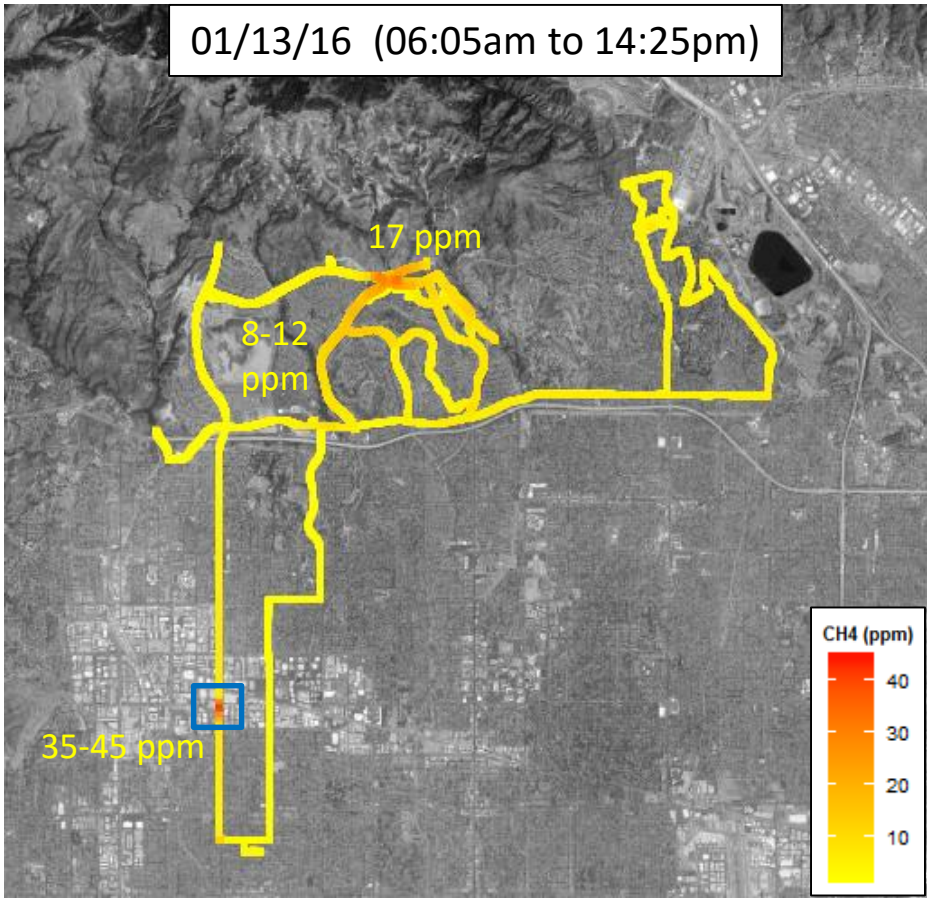
- Winds were calm and blowing from the North
- The highest methane concentrations (55-60 ppm) were measured between Sesnon Blvd and Crystal Springs
- Increased methane levels were also measured on Porter Ranch Dr. (near Senson)
- The smell of mercaptan was very pronounced



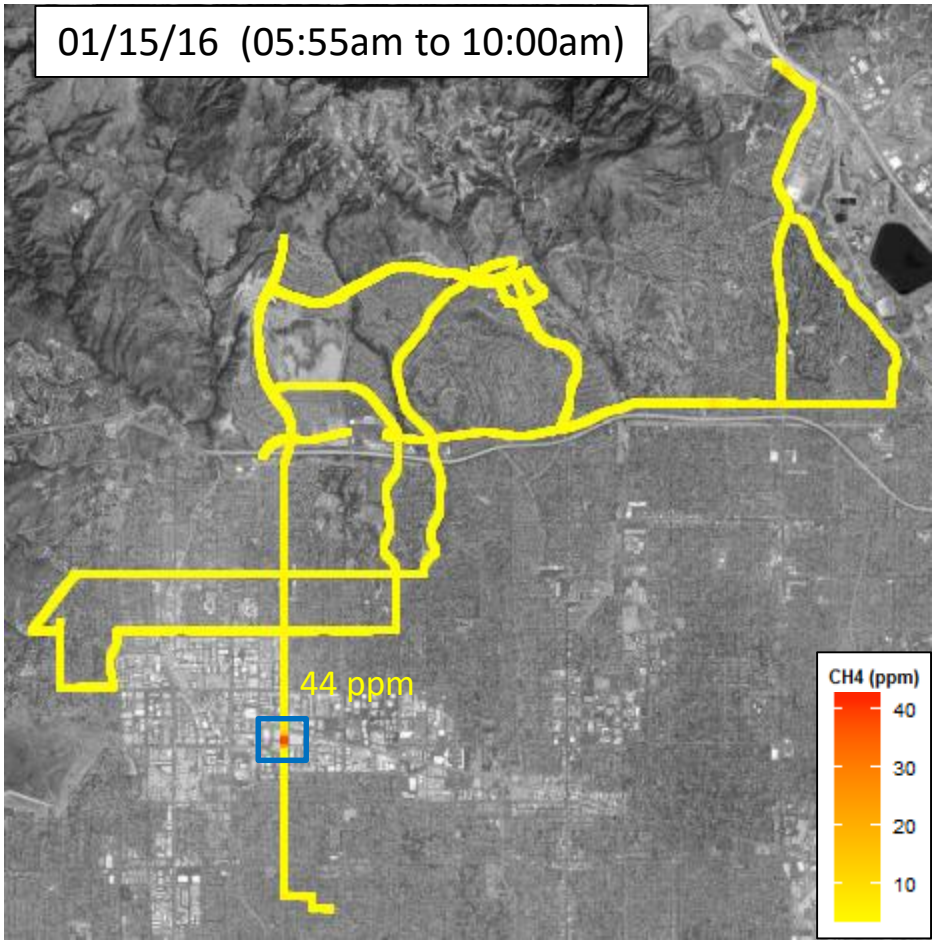




- Winds were blowing from North-East
- The highest methane concentrations (up to 45 ppm) were measured on Sesnon Blvd; here the smell of mercaptan was quite pronounced
- Methane concentrations decreased gradually moving South-West towards Chatsworth and returned to background level (2ppm) about 5 miles South of the SoCalGas facility
- Methane levels in Chatsworth were 2 to 4 times higher than background

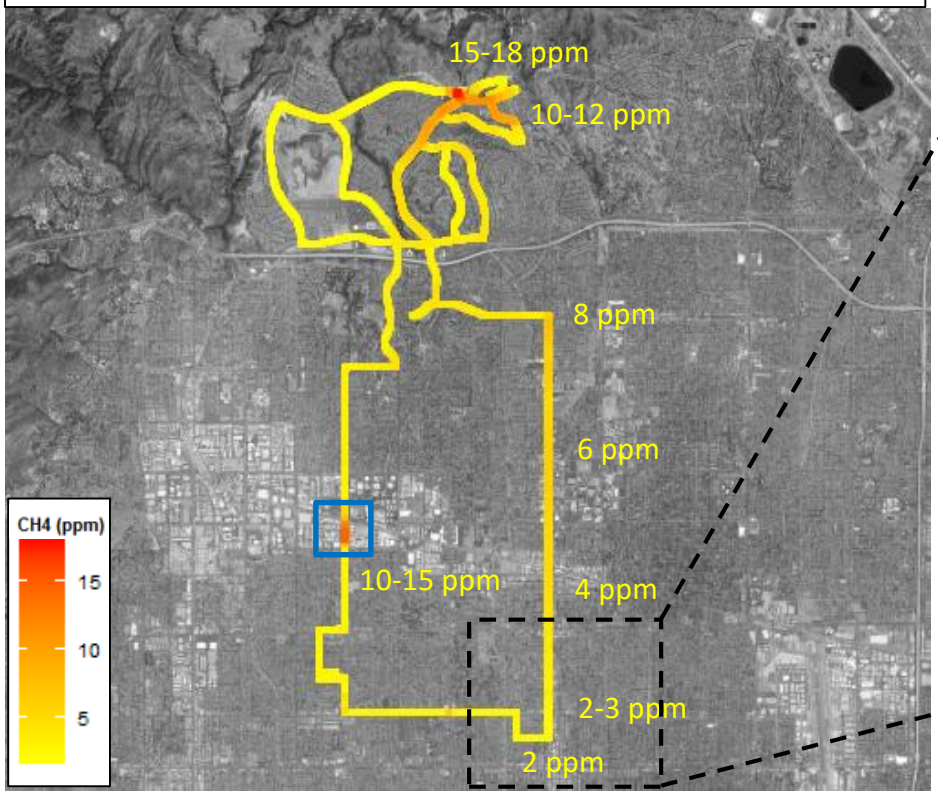


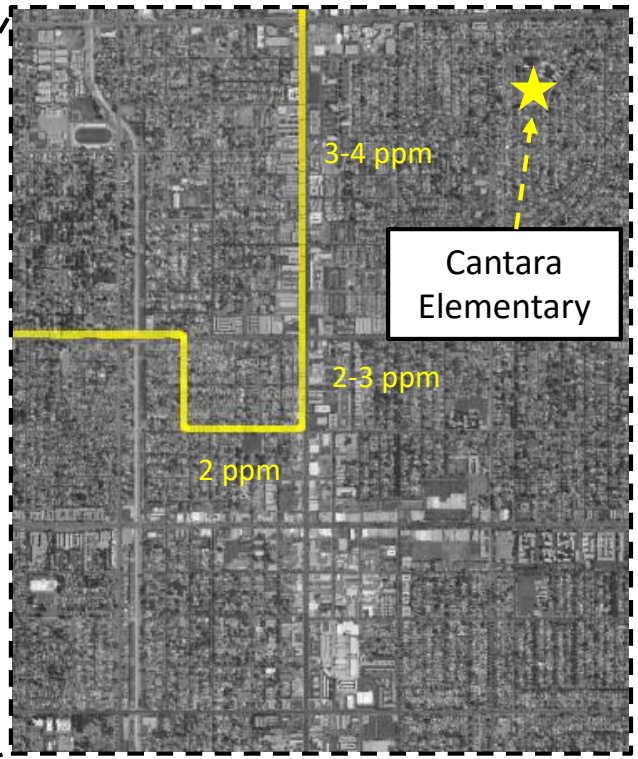
- Overcast / calm winds
- The highest methane concentrations (35-45 ppm) were measured in Winnetka near Mason Ave. and Nordhoff St. These elevated methane levels are probably not related to natural gas emissions from Aliso Canyon
- Increased methane concentrations (up to 17 ppm) were also measured on Sesnon Blvd; here no smell of mercaptan was detected



- Overcast / low clouds / calm winds
- The highest methane concentrations (44 ppm) were measured in Winnetka near Mason Ave. and Nordhoff St. These elevated methane levels are probably not related to natural gas emissions from Aliso Canyon

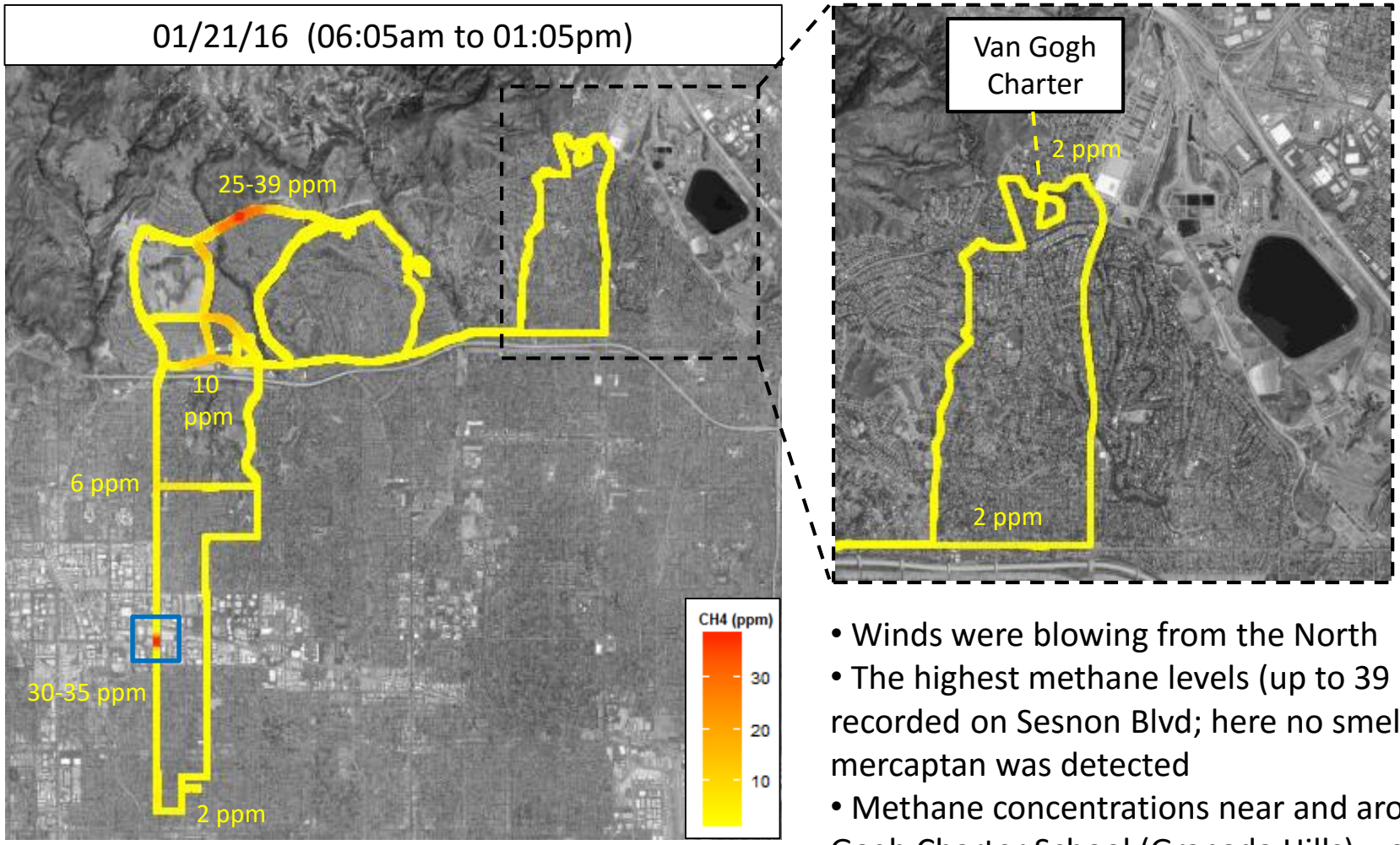
01/17-18/16 (11:50pm to 01:15am)



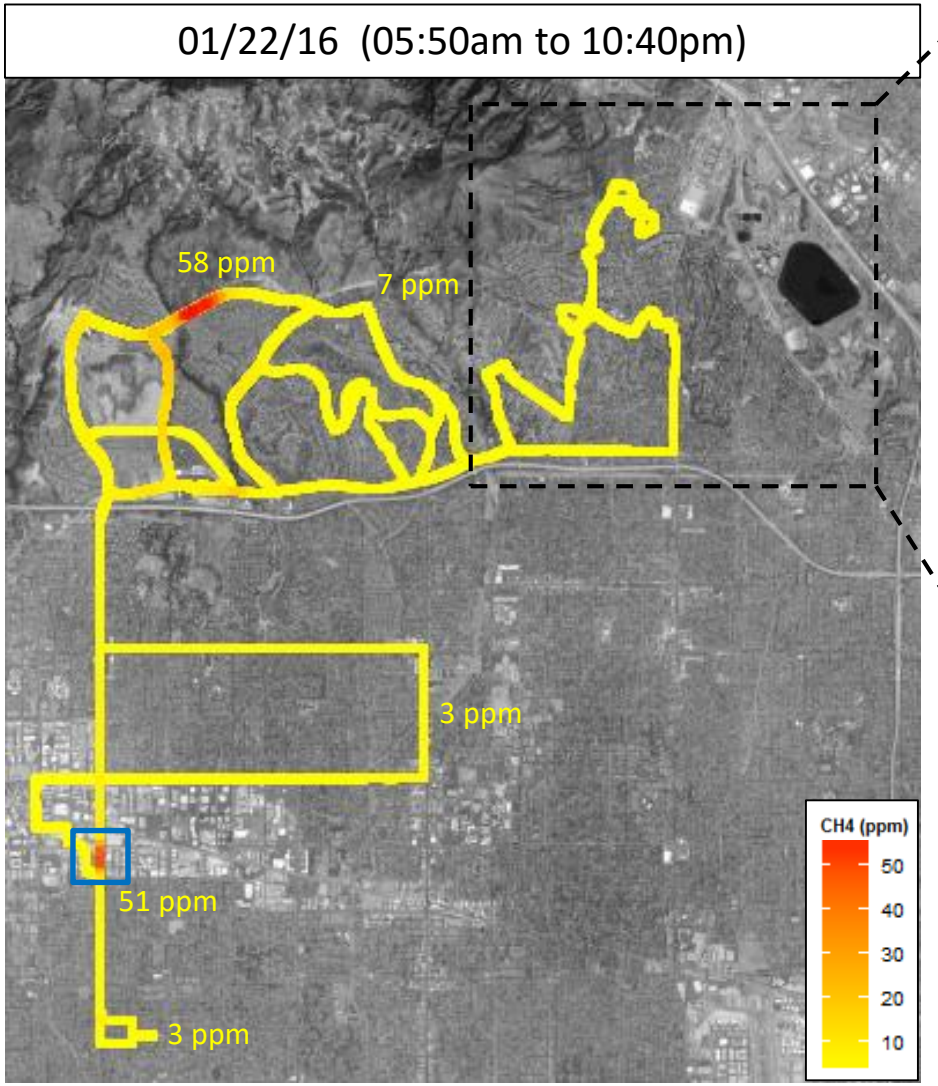


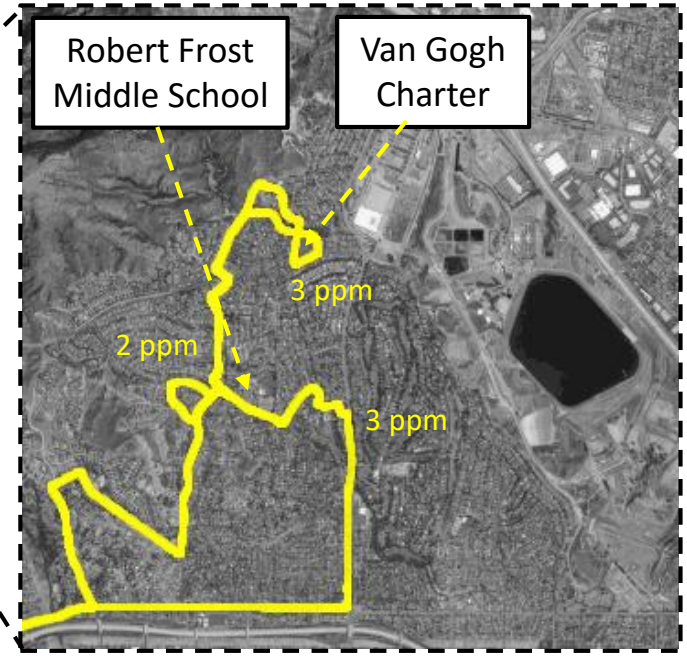
- Winds were blowing from North / North-West
- The highest methane levels (15-18 ppm) were measured on Sesnon Blvd; here no smell of mercaptan was detected
- Methane concentrations decreased gradually moving towards Northridge and returned to background level (2ppm) about 6.5 miles South of the SoCalGas facility
- Increased methane levels (10-15 ppm) were also measured in Winnetka near Winnetka Ave. and Nordhoff St. These elevated concentrations are probably not related to natural gas emissions from Aliso Canyon

- Methane levels on Reseda Blvd and 0.6 mi West of Cantara Elementary School were slightly above background level (3-4 ppm)

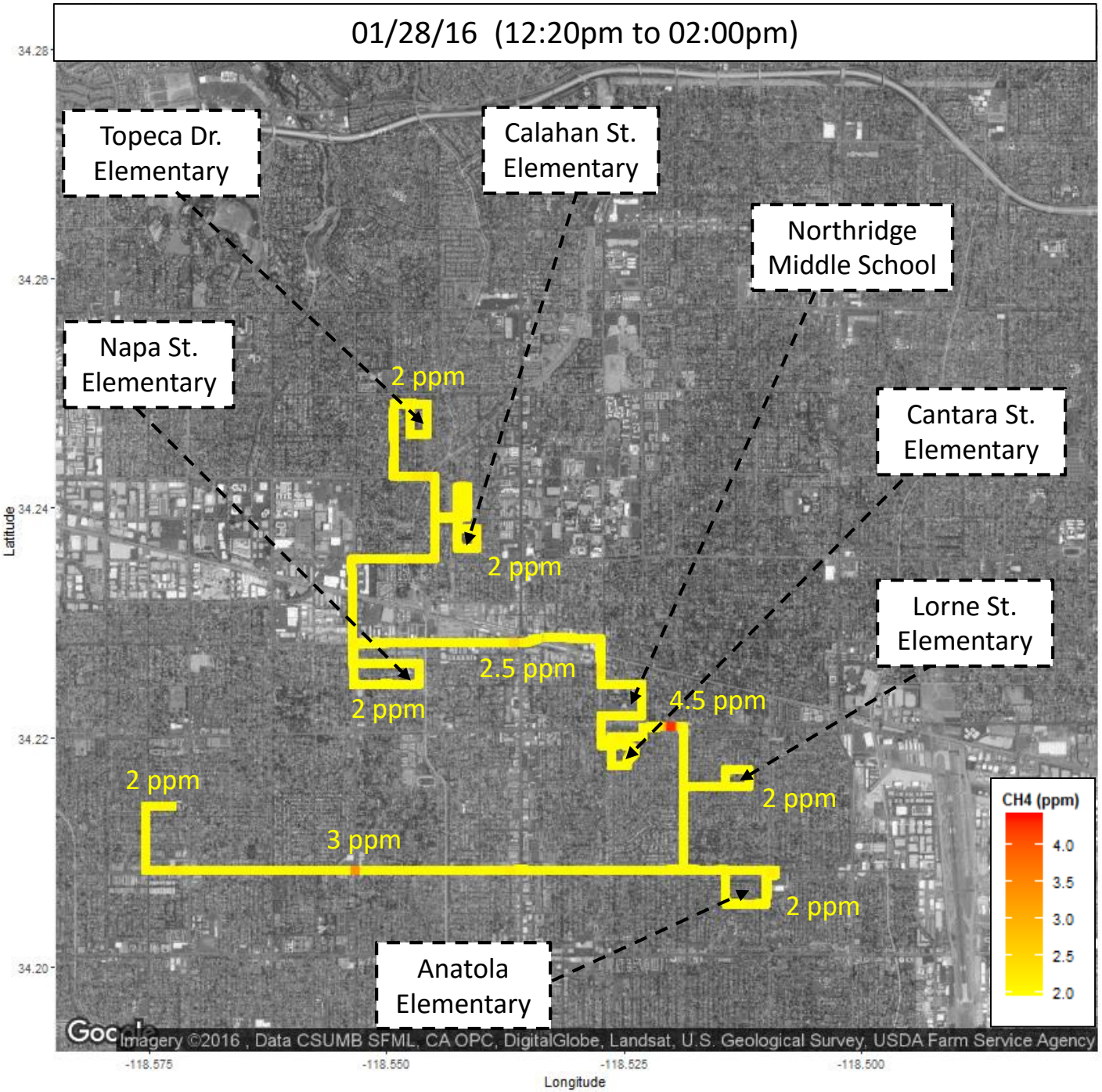


- Winds were blowing from the North
- The highest methane levels (up to 39 ppm) were recorded on Sesnon Blvd; here no smell of mercaptan was detected
- Methane concentrations near and around Van Gogh Charter School (Granada Hills) were close to background
- Elevated methane concentrations (30-35 ppm) were measured in Winnetka near Mason Ave. and Nordhoff St. These elevated concentrations are probably not related to natural gas emissions from Aliso Canyon



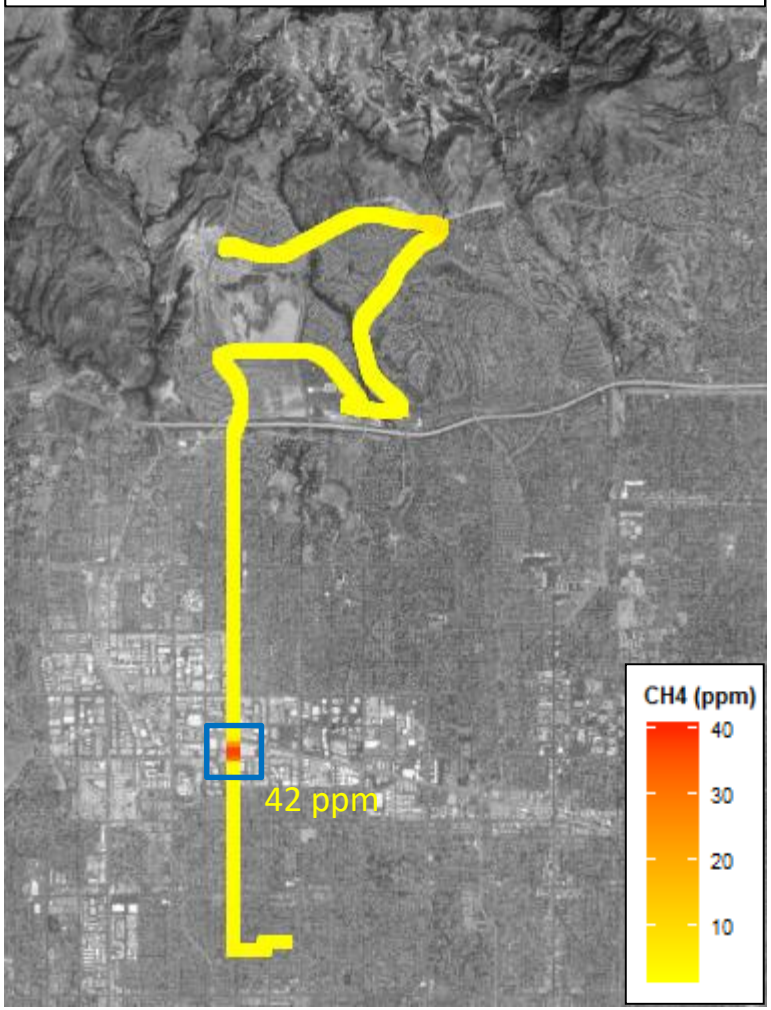


- Winds were calm and blowing from North / North-East
- The highest methane levels (up to 58 ppm) were recorded on Sesnon Blvd; here no smell of mercaptan was detected
- Methane concentrations near and around Van Gogh Charter School (Granada Hills) and Robert Frost Middle School (Granada Hills) were close to background
- Elevated methane concentrations (up to 51 ppm) were measured in Winnetka near Mason Ave. and Nordhoff St. These elevated concentrations are probably not related to natural gas emissions from Aliso Canyon



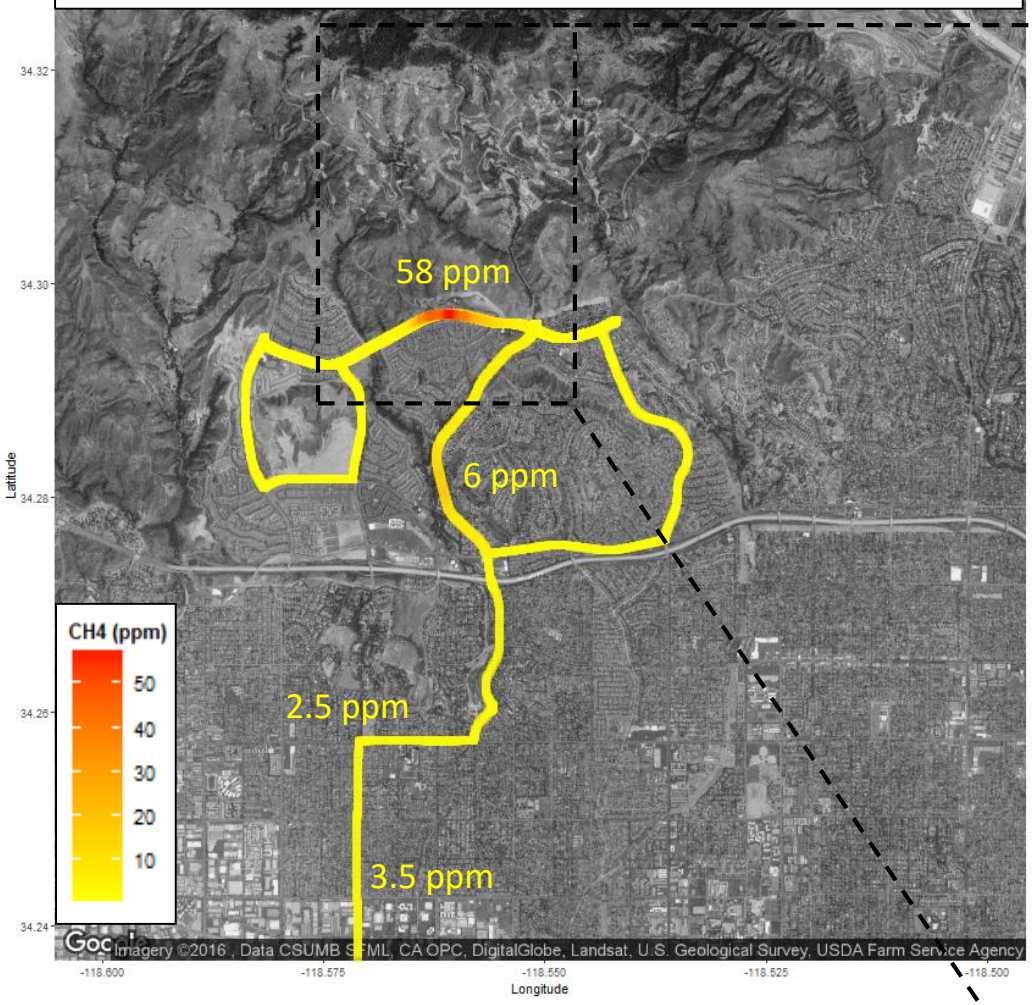
- Winds were calm
- Methane concentrations near and around several schools in the Northridge, Reseda, and Lake Balboa area were close to background (2 ppm)
- Slightly elevated methane levels (up to 4.5 ppm) were measured for short periods of time while driving on surface streets

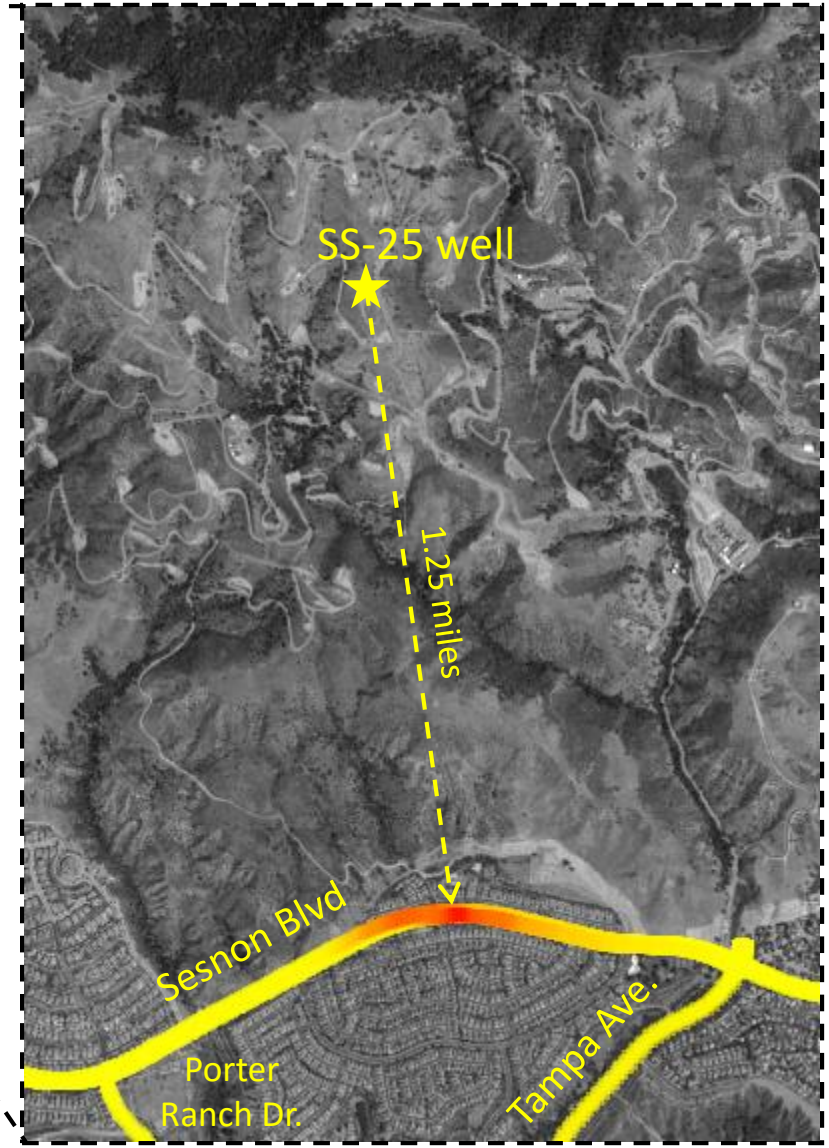
01/29/16 (07:30am to 08:20pm)



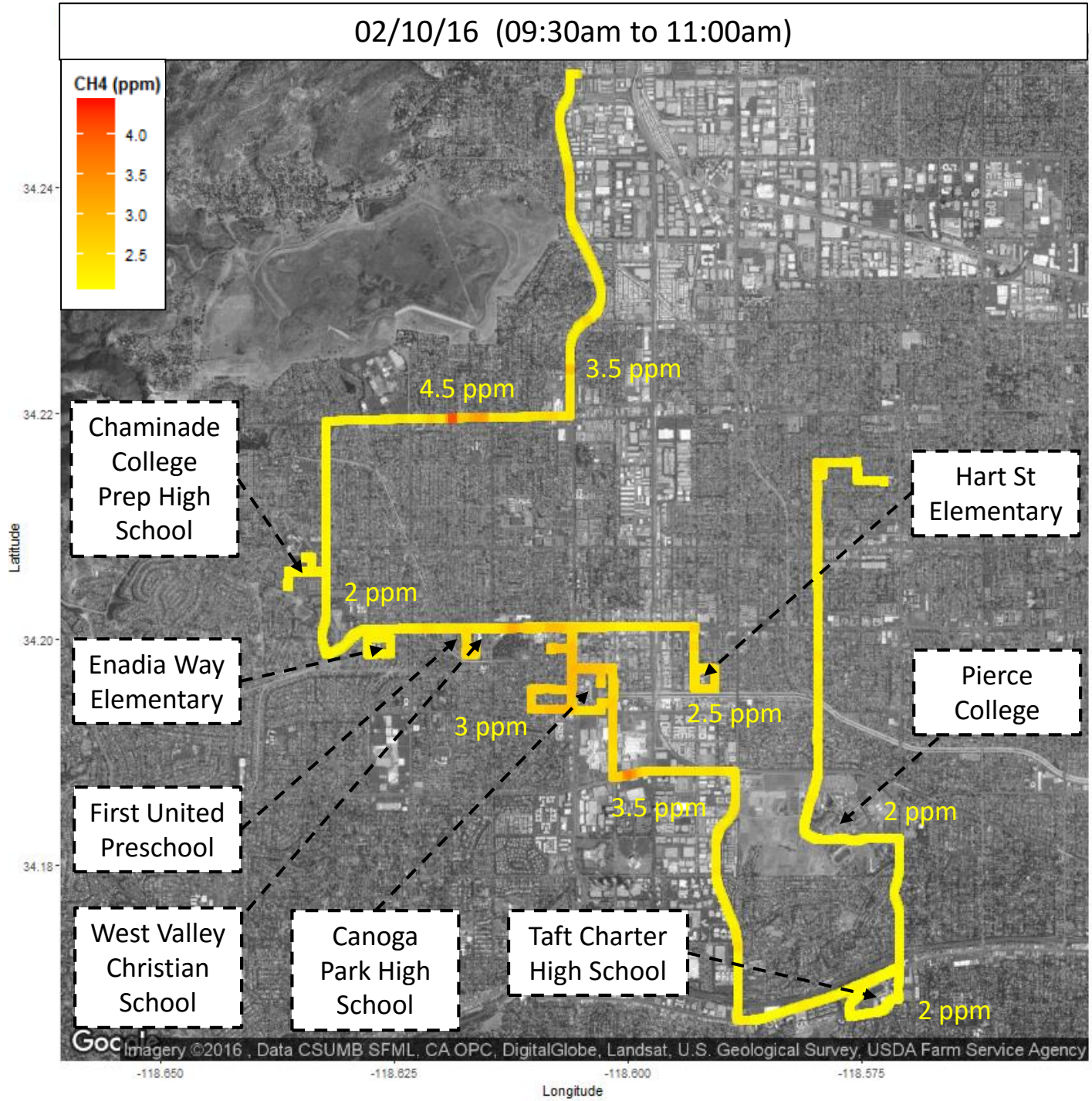
- Winds were calm
- The highest methane concentrations (42 ppm) were measured in Winnetka near Mason Ave. and Nordhoff St. These elevated concentrations are probably not related to natural gas emissions from Aliso Canyon

02/10/16 (06:20am to 07:40am)

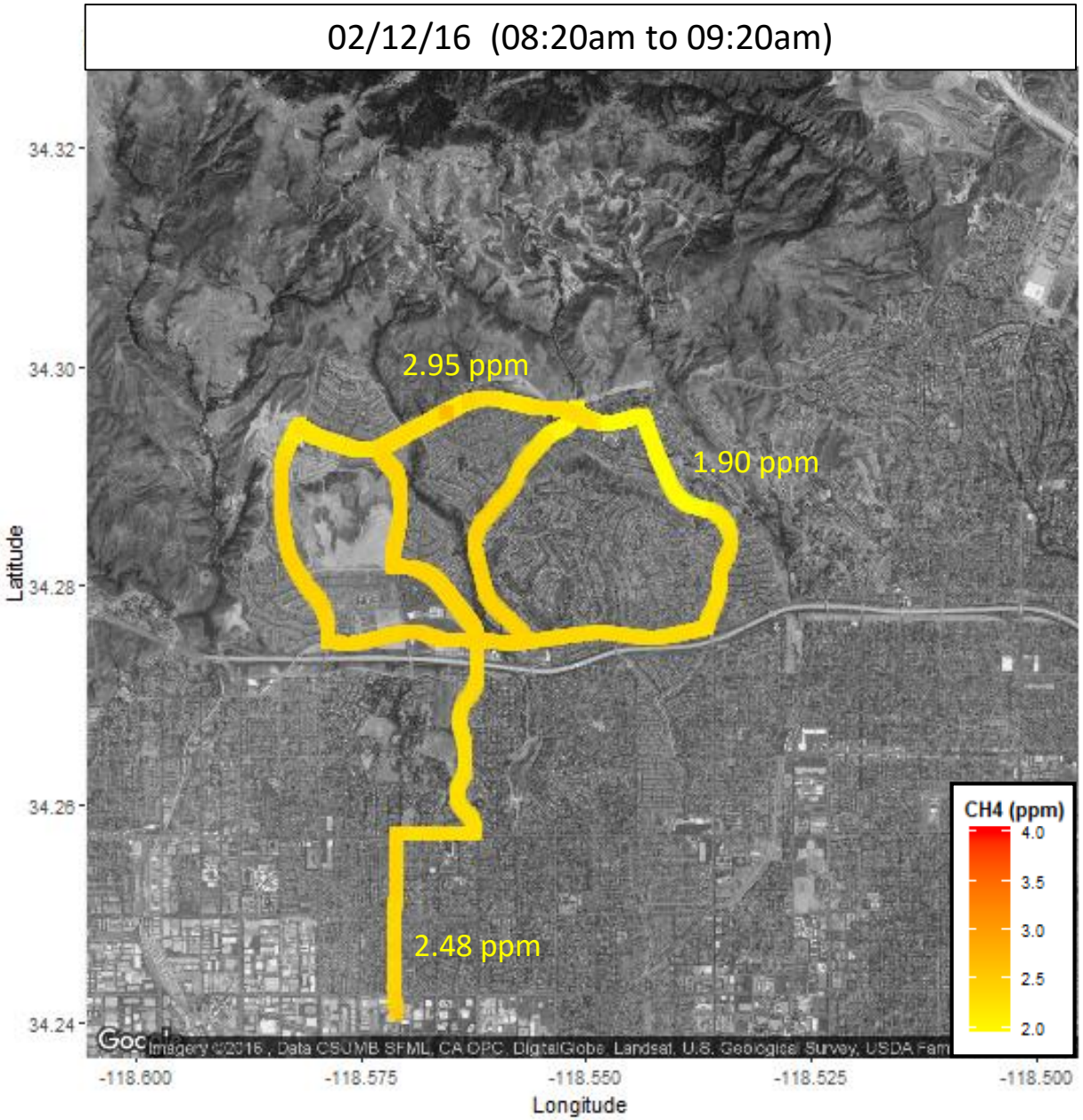




- Winds were strong and blowing from the North
- The highest methane concentrations (up to 58 ppm) were measured on Sesnon Blvd near High Glen Way, where one of SCAQMD monitoring trailer is located; the smell of mercaptan was quite pronounced
- Increased methane levels were also measured on Tampa Ave.

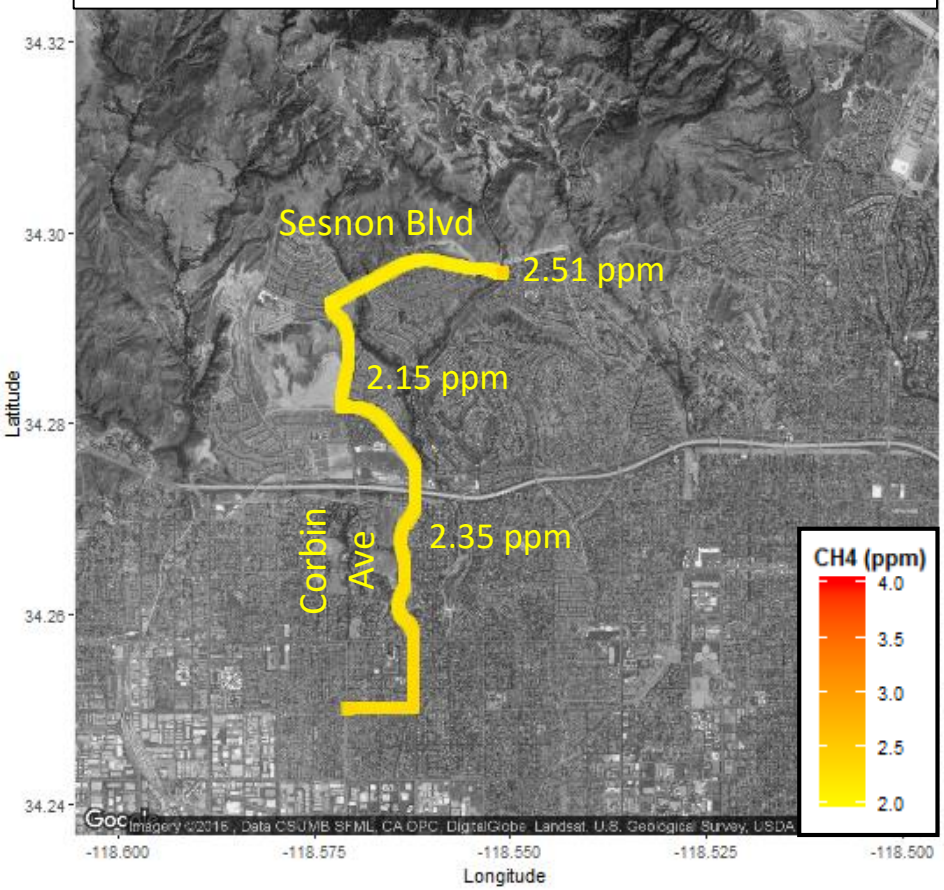


- Winds were blowing from the North
- Methane concentrations near and around several schools in Canoga Park and Woodland Hills were close to background
- Slightly elevated methane levels (up to 4.5 ppm) were measured for short periods of time while driving on surface streets



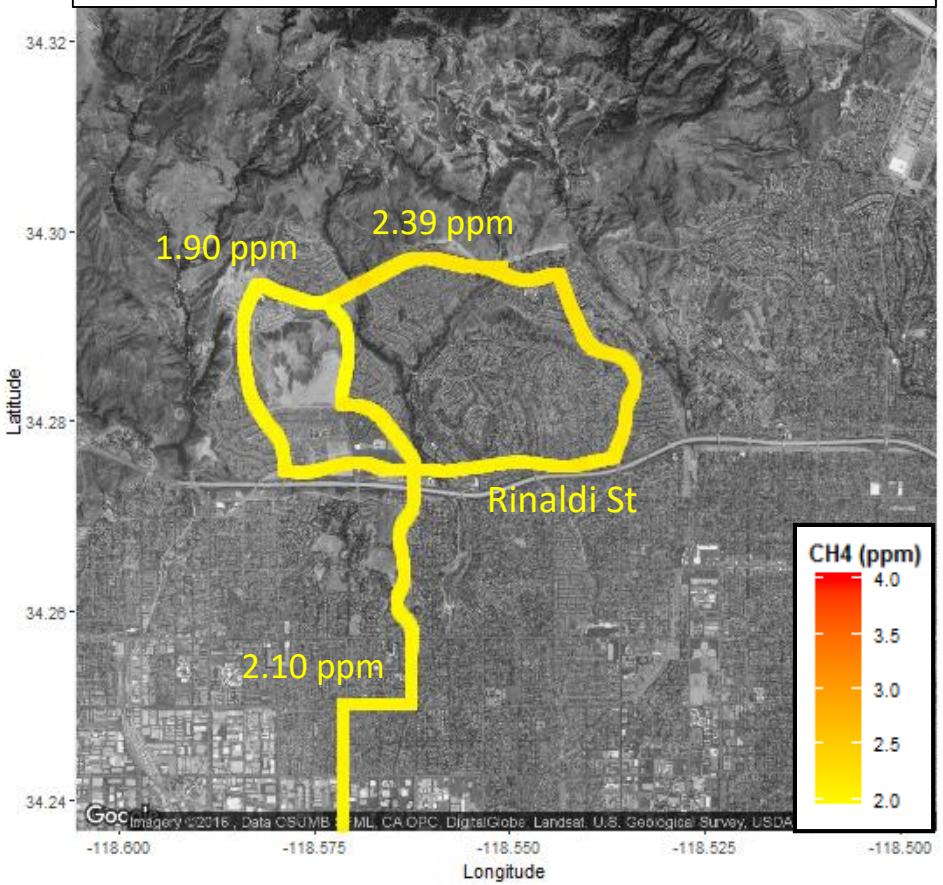
- Winds were calm and blowing from the North
- Methane levels south of Sesnon Blvd. and around Porter Ranch have decreased substantially since well SS25 has been capped
- The average methane concentration measured in the Porter Ranch and Northridge areas was 2.18 ppm; the maximum methane level (2.95 ppm) was recorded on Sesnon Blvd

02/13/16 (09:05am to 09:40am)

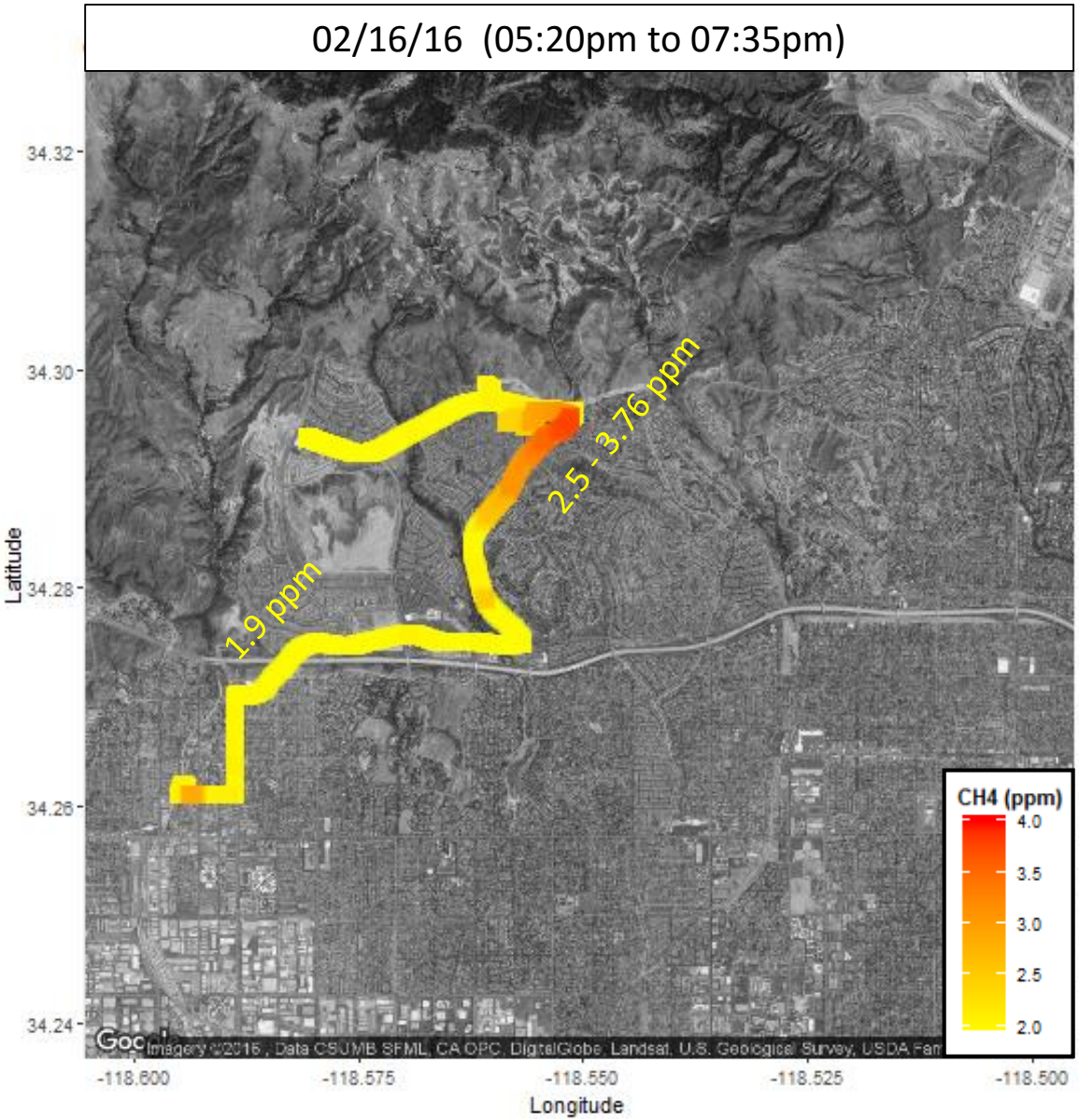


- Winds were blowing from the North
- The average methane concentration recorded during this short survey was 2.16 ppm; the maximum methane level (2.51 ppm) was measured on Sesnon Blvd

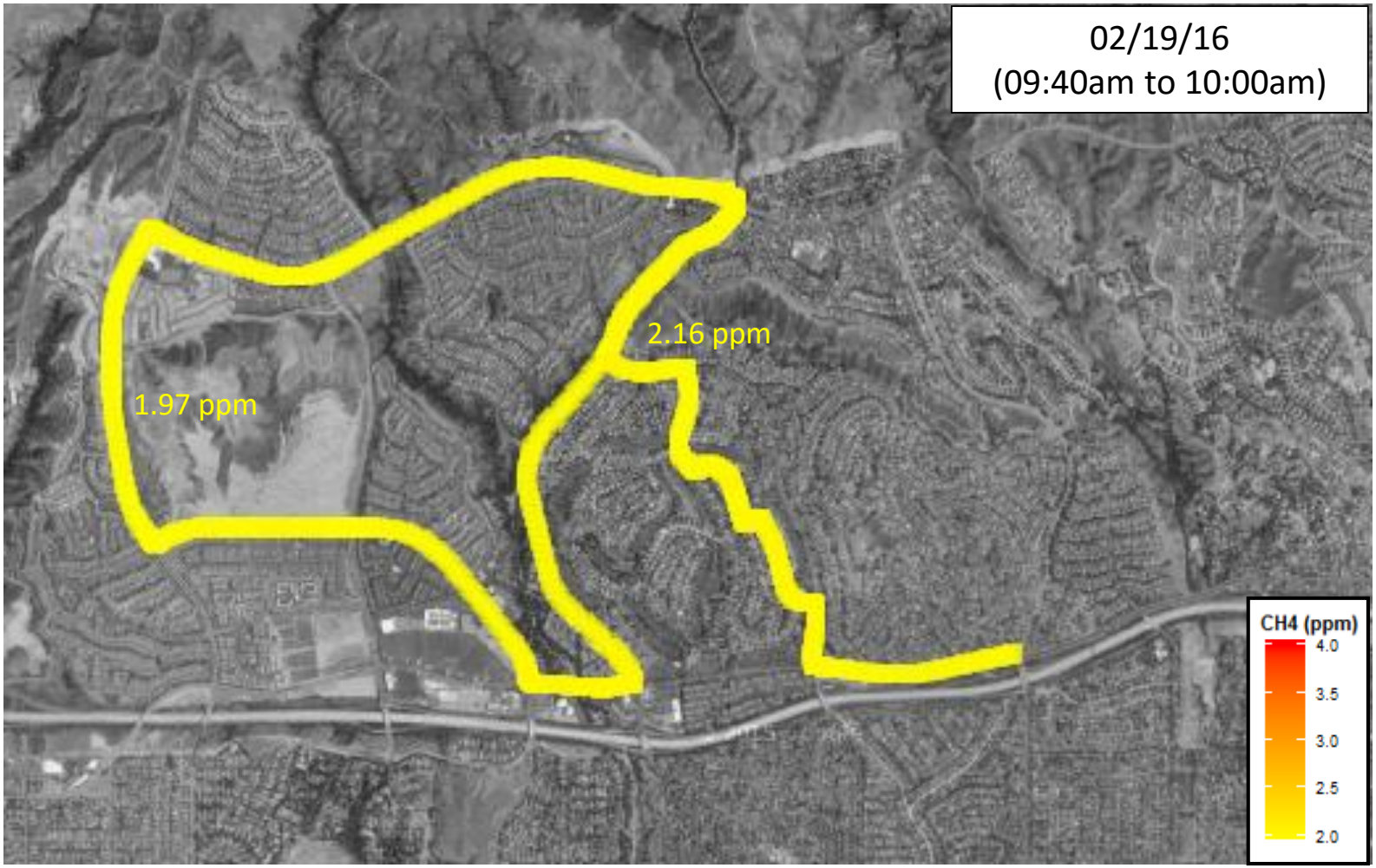
02/13/16 (03:35pm to 04:15pm)

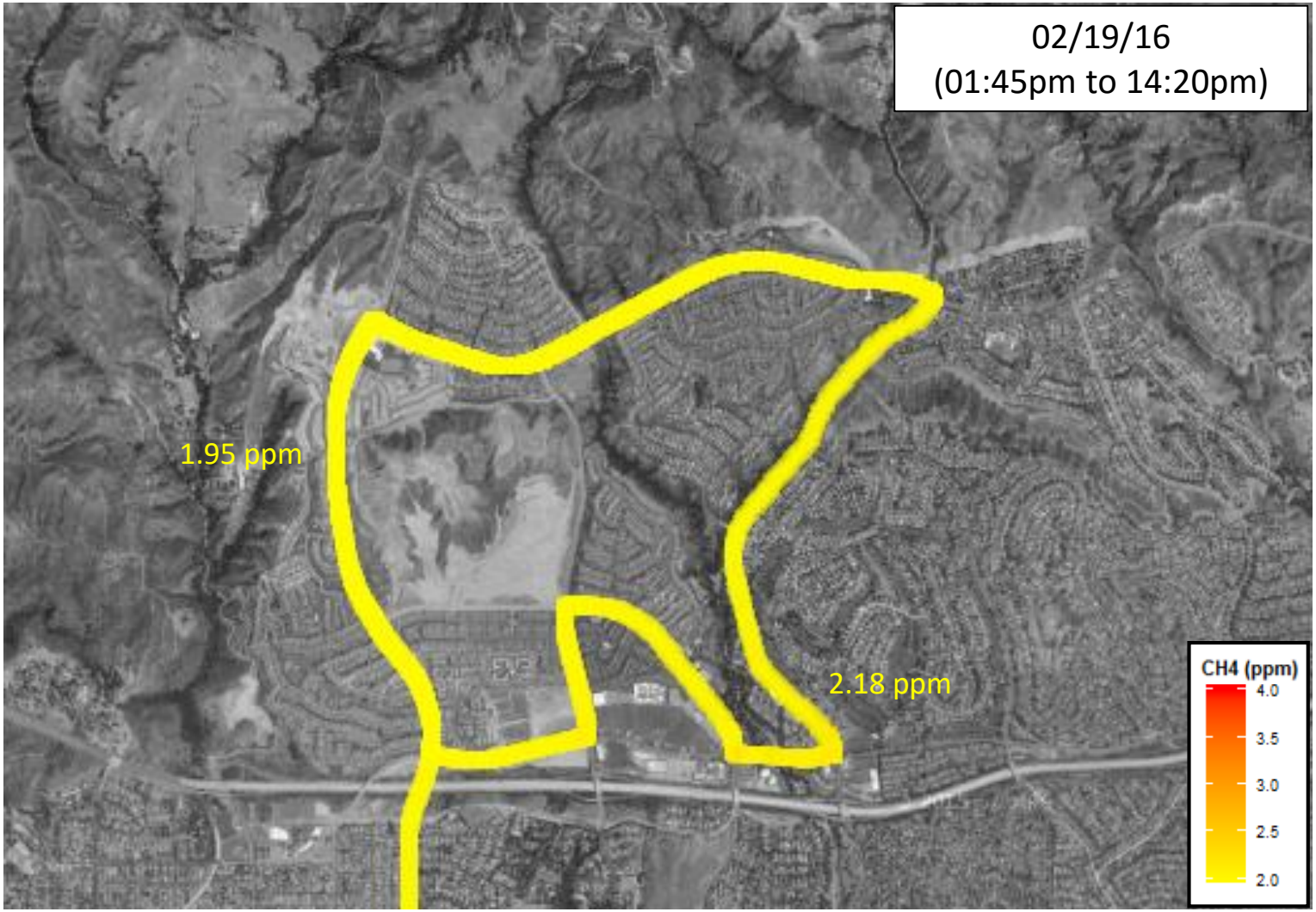


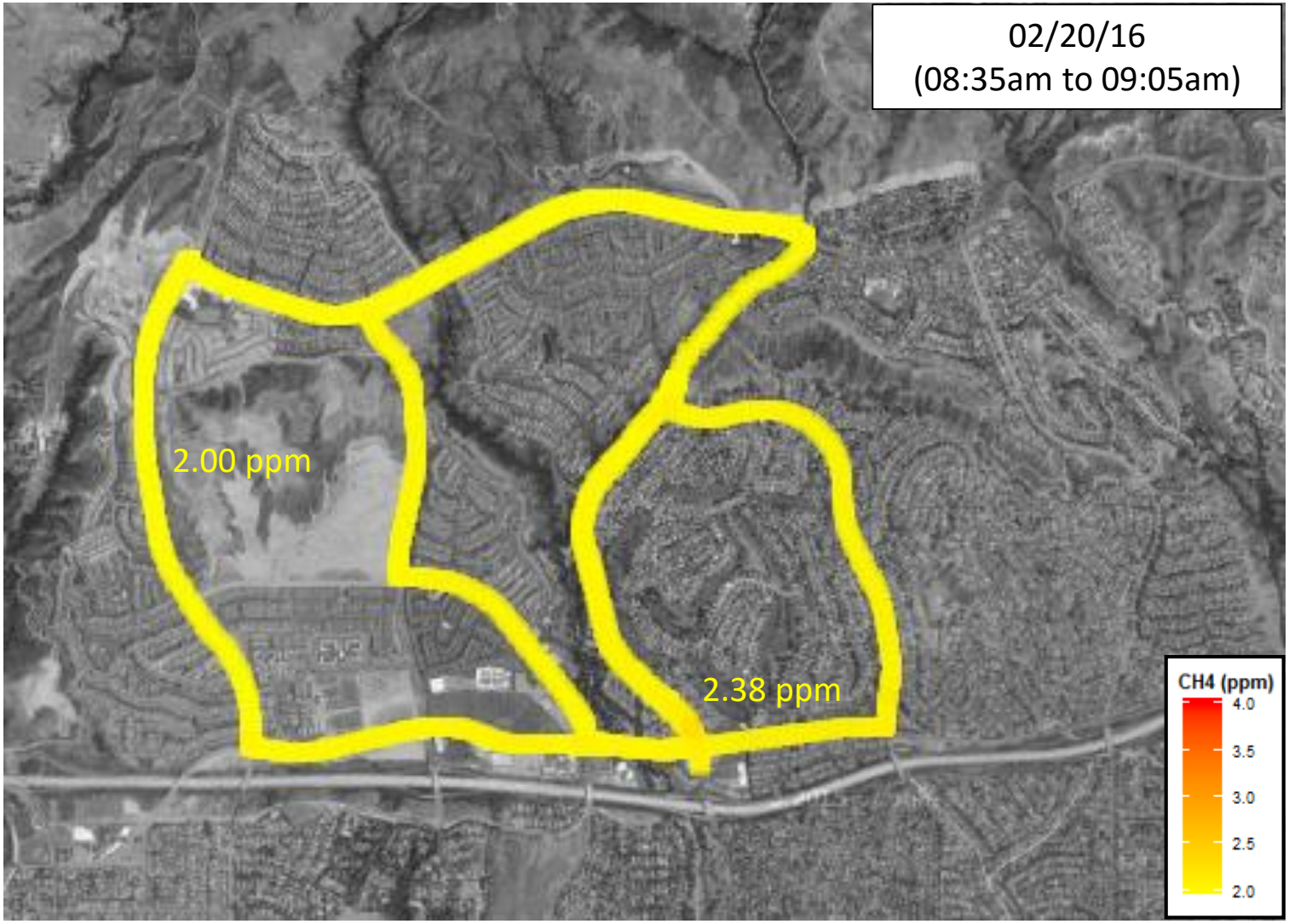
- Winds were blowing from the North
- The average methane concentration measured in the Porter Ranch and Northridge areas was 2.04 ppm; the maximum methane level (2.39 ppm) was recorded on Sesnon Blvd
- Overall, methane levels in Porter Ranch have decreased substantially since well SS25 has been capped

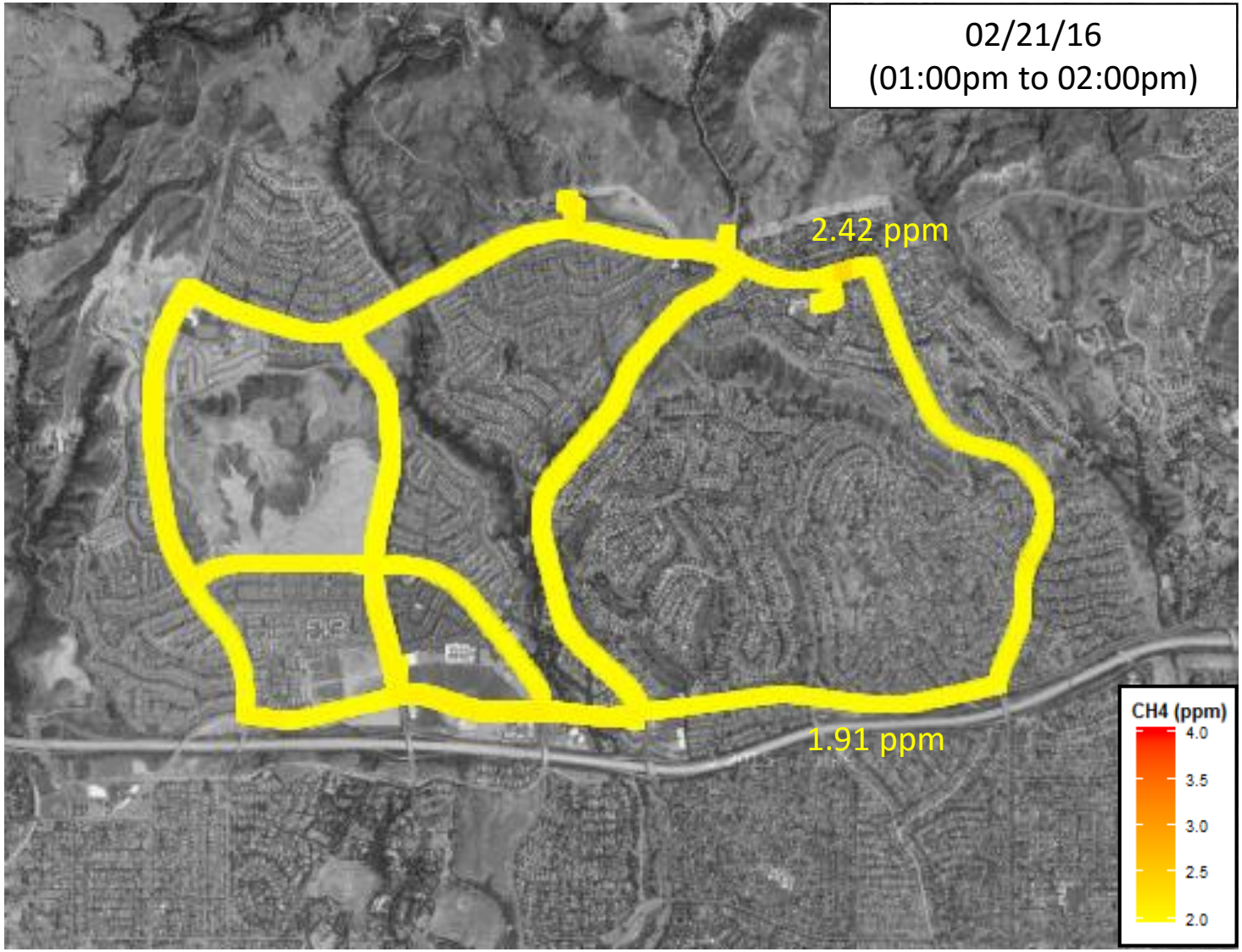


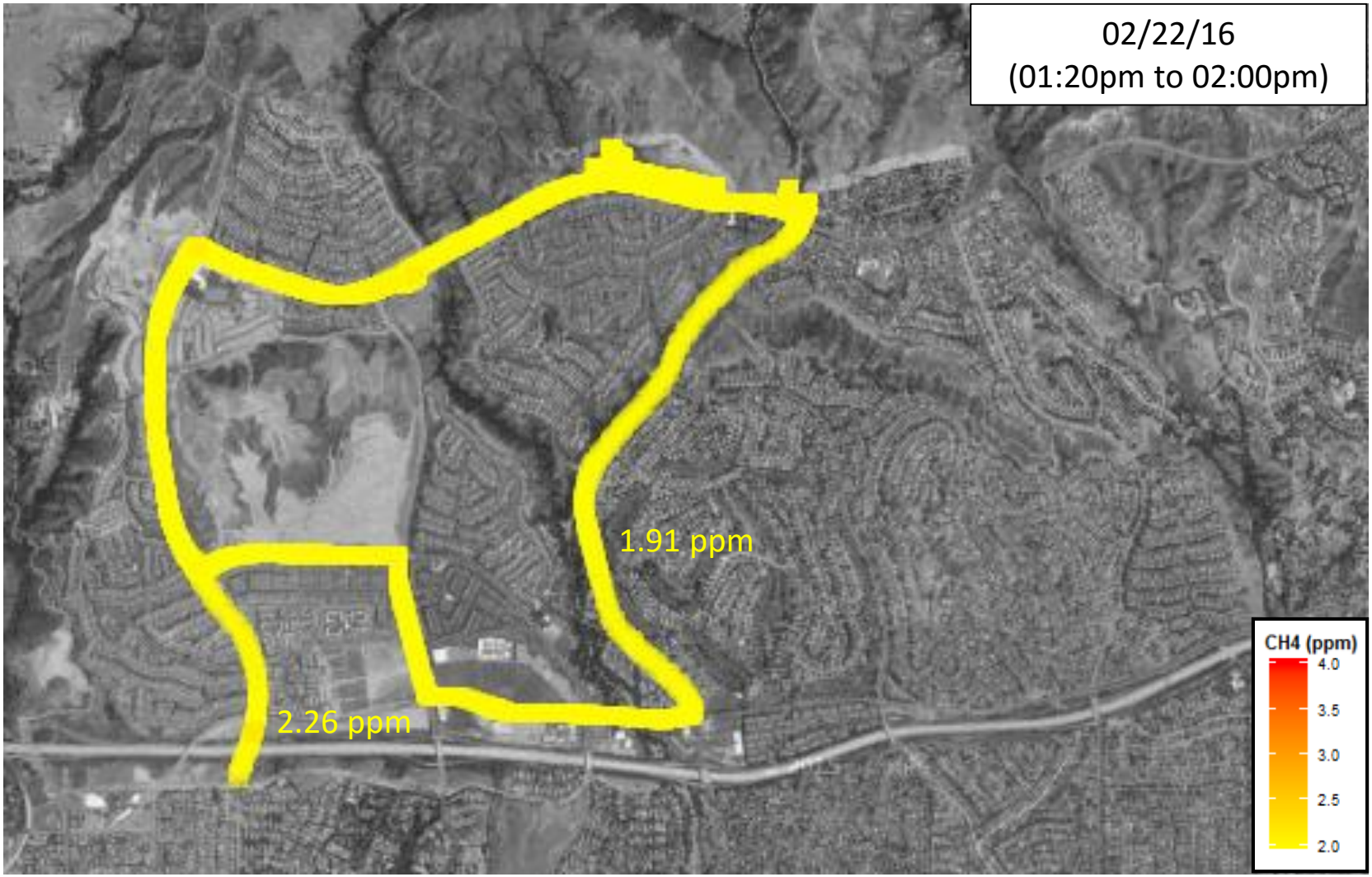
- Overall, methane levels in the Porter Ranch area have decreased substantially since well SS25 has been capped
- However, methane concentrations on Tampa Ave. and south of Sesnon Blvd. were significantly higher than background

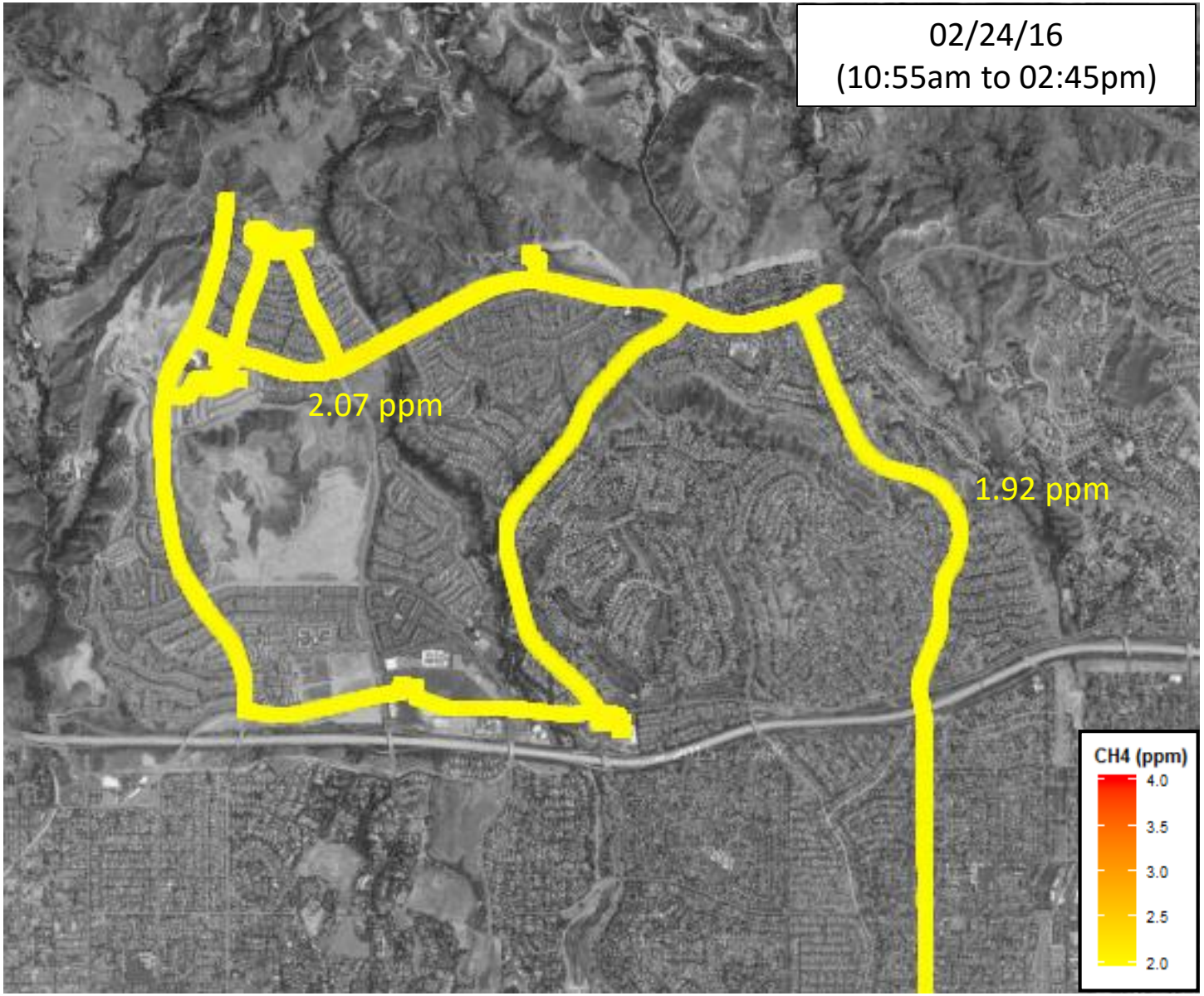

02/19/16
(09:40am to 10:00am)
2.16 ppm
1.97 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

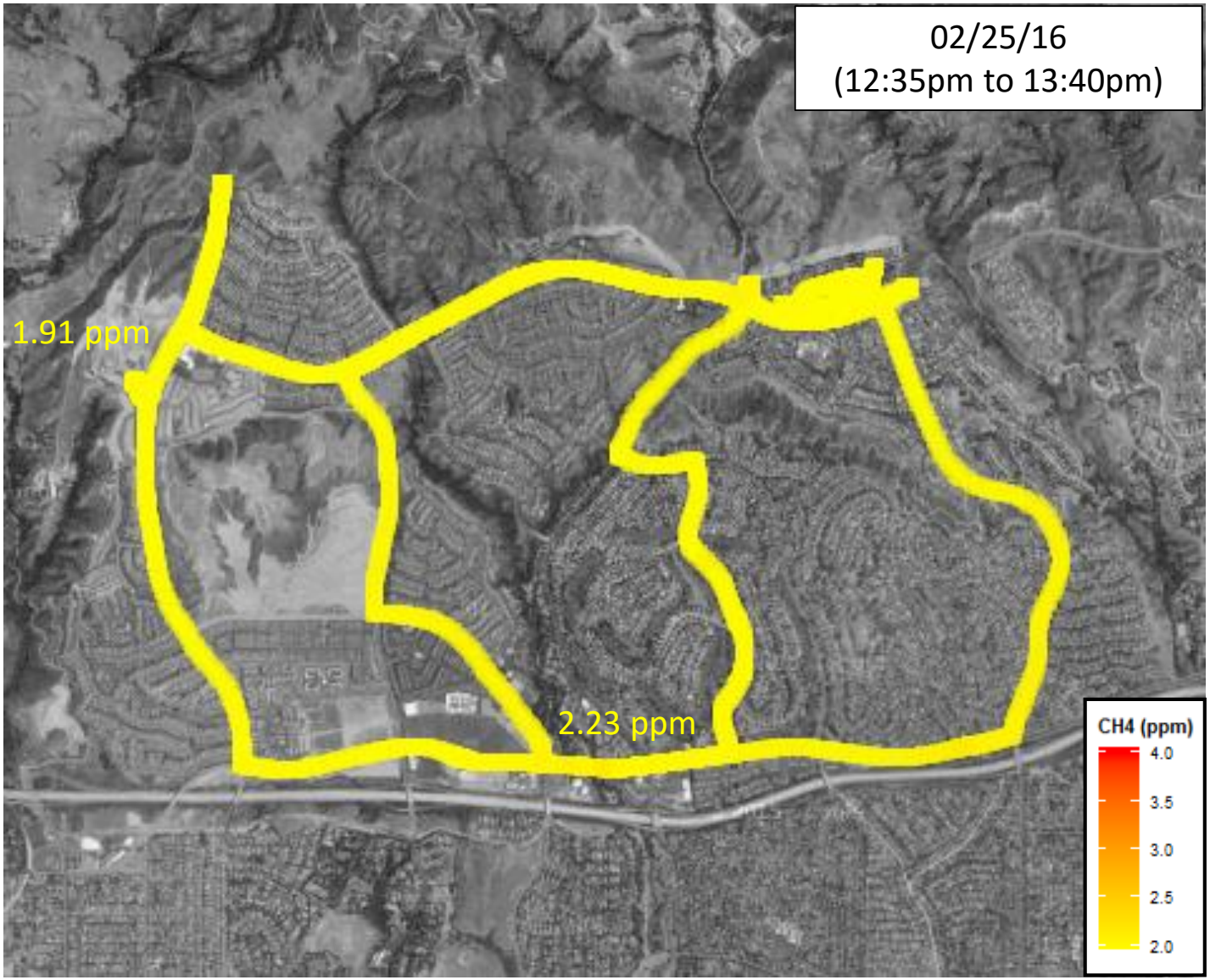

02/19/16
(01:45pm to 14:20pm)
1.95 ppm
2.18 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

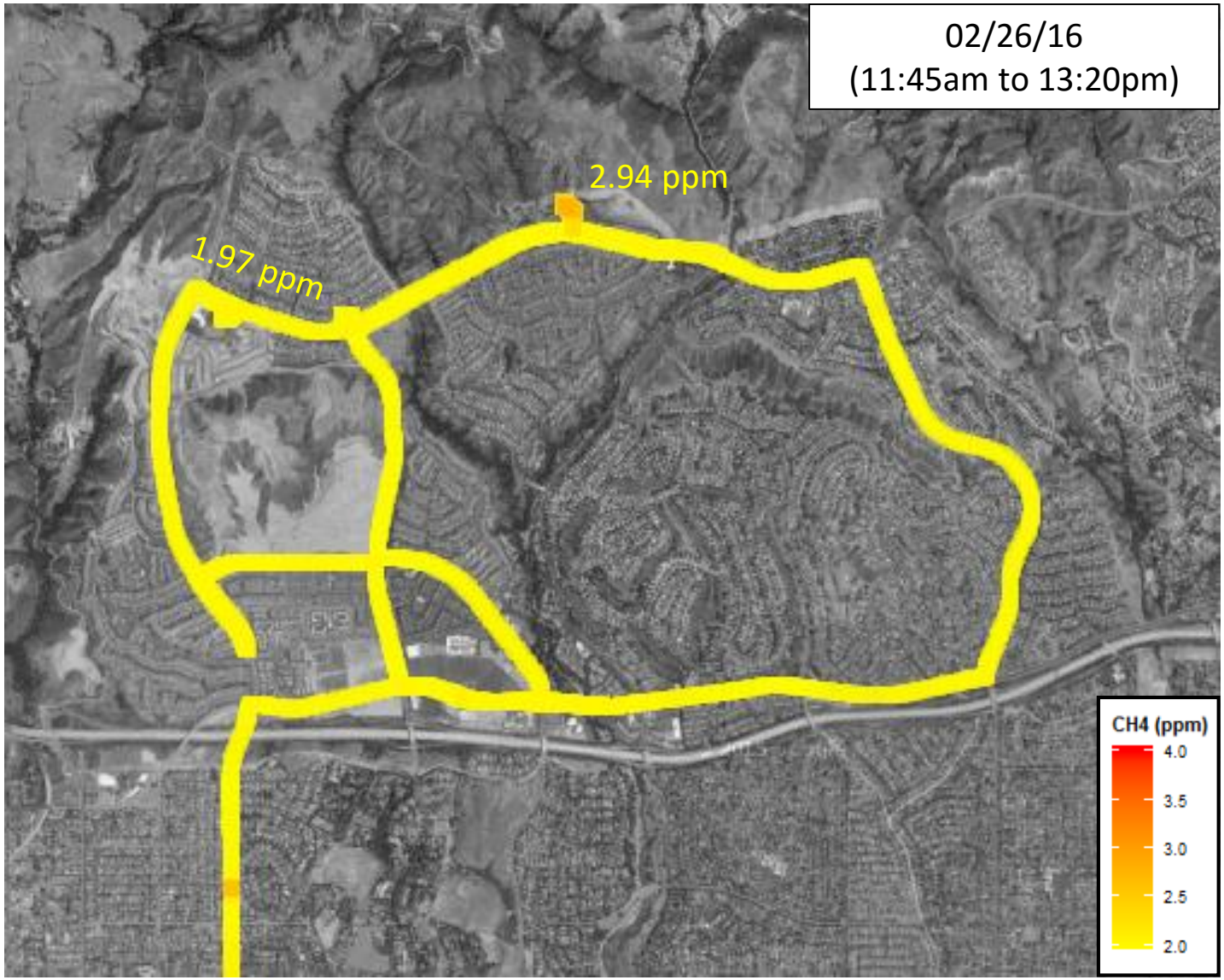

02/20/16
(08:35am to 09:05am)
2.00 ppm
2.38 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

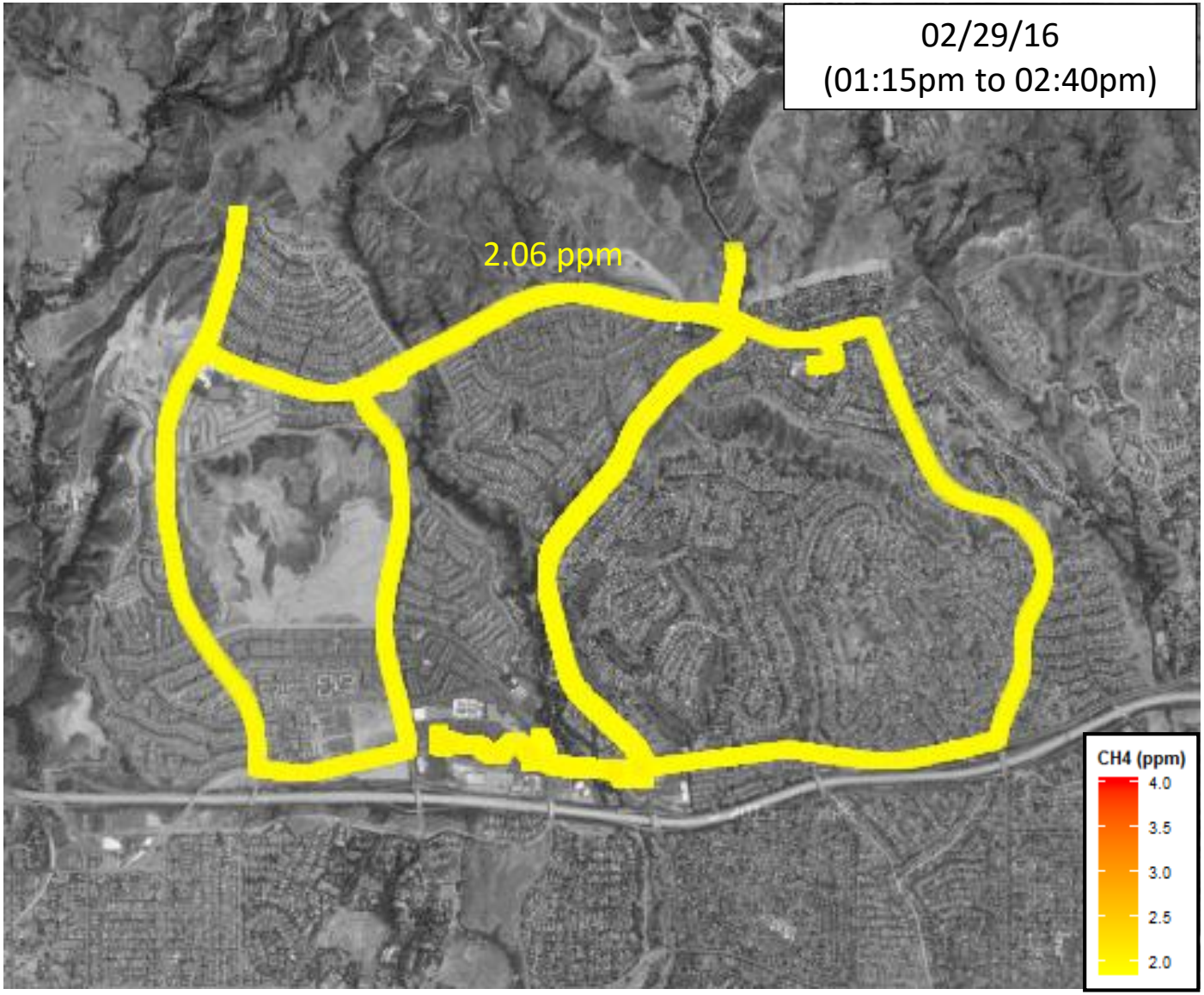

02/21/16
(01:00pm to 02:00pm)
2.42 ppm
1.91 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

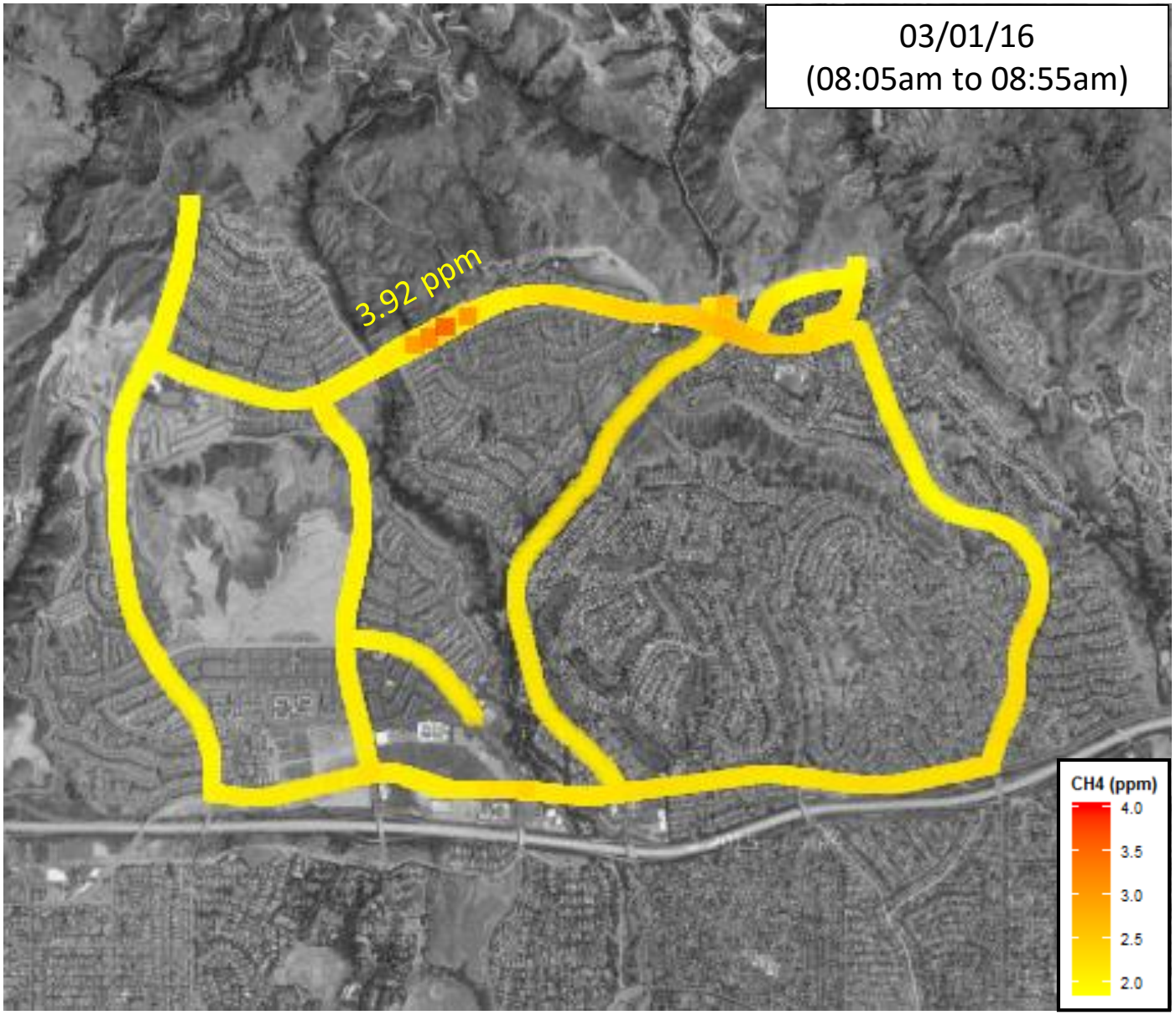

02/22/16
(01:20pm to 02:00pm)
1.91 ppm
2.26 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

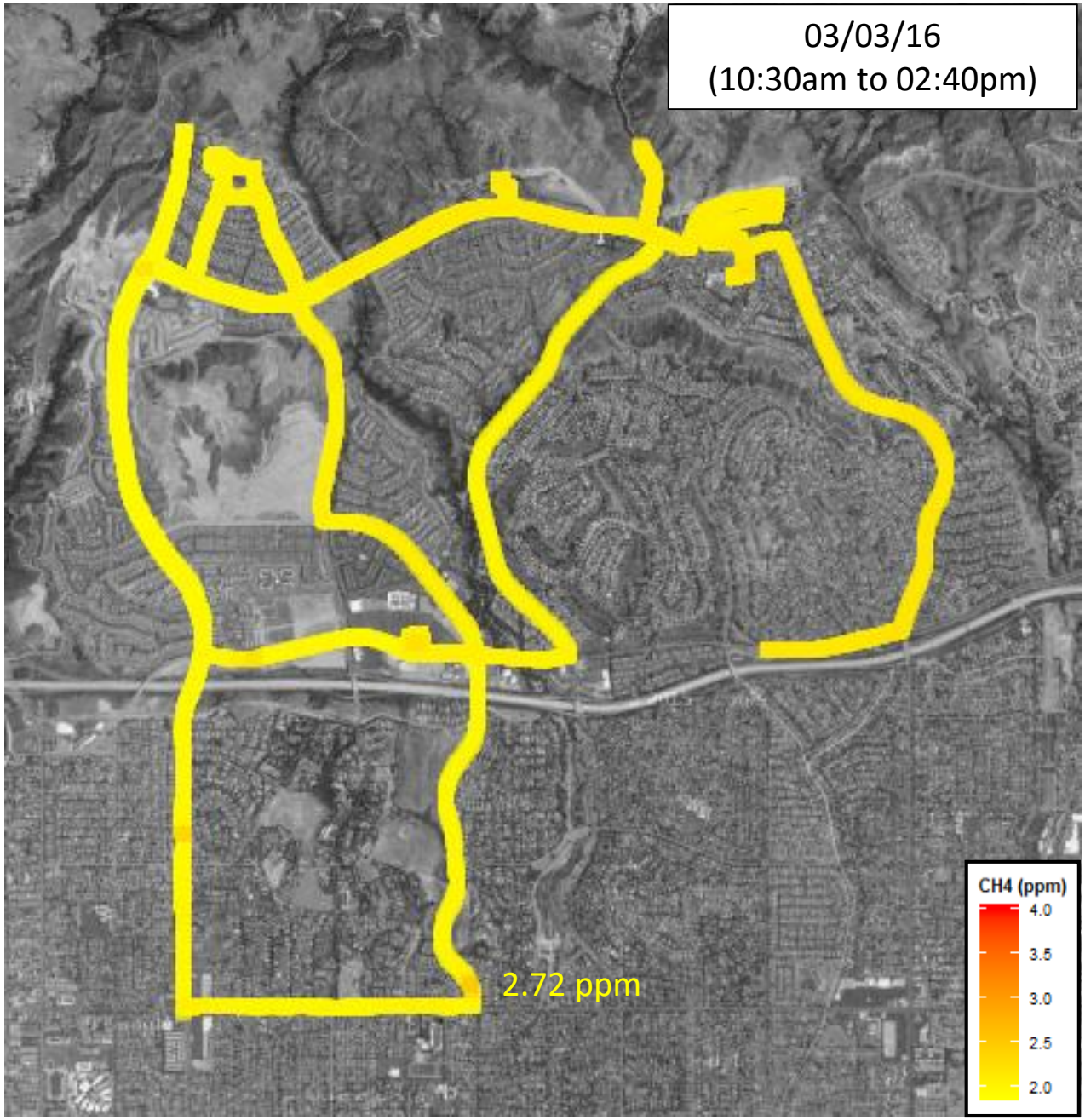

02/24/16
(10:55am to 02:45pm)
2.07 ppm
1.92 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

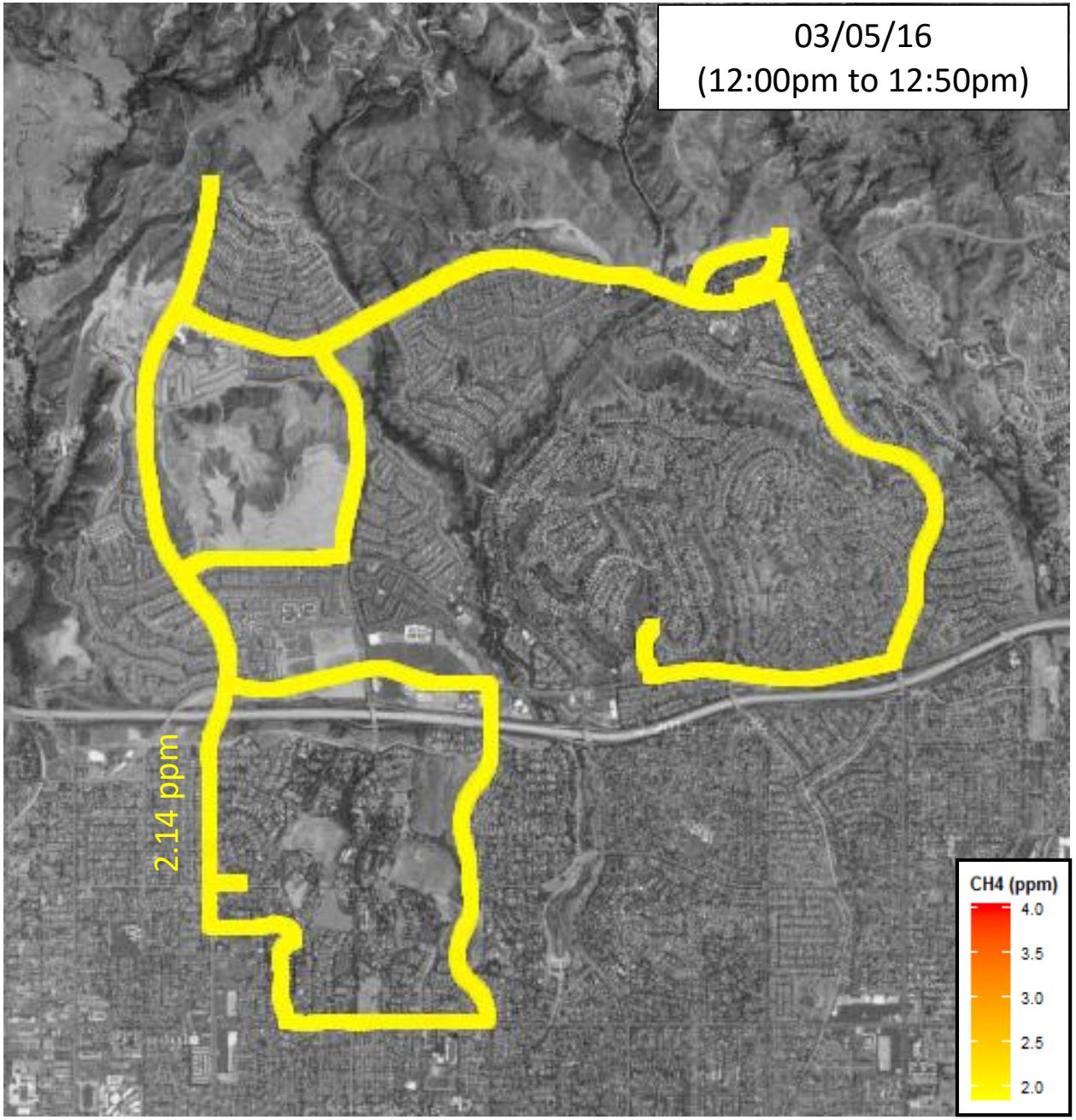

02/25/16
(12:35pm to 13:40pm)
1.91 ppm
2.23 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

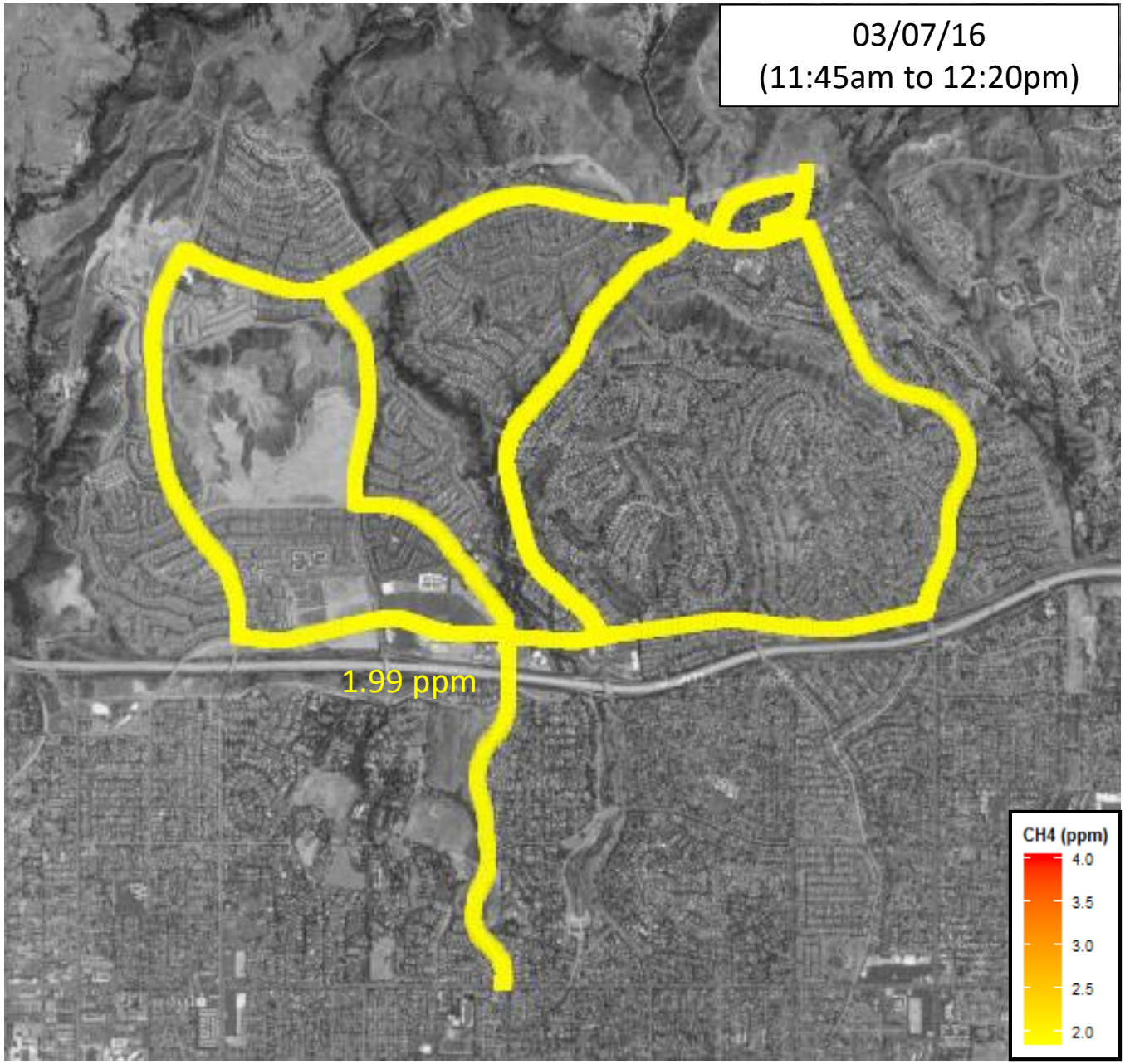

02/26/16
(11:45am to 13:20pm)
2.94 ppm
1.97 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

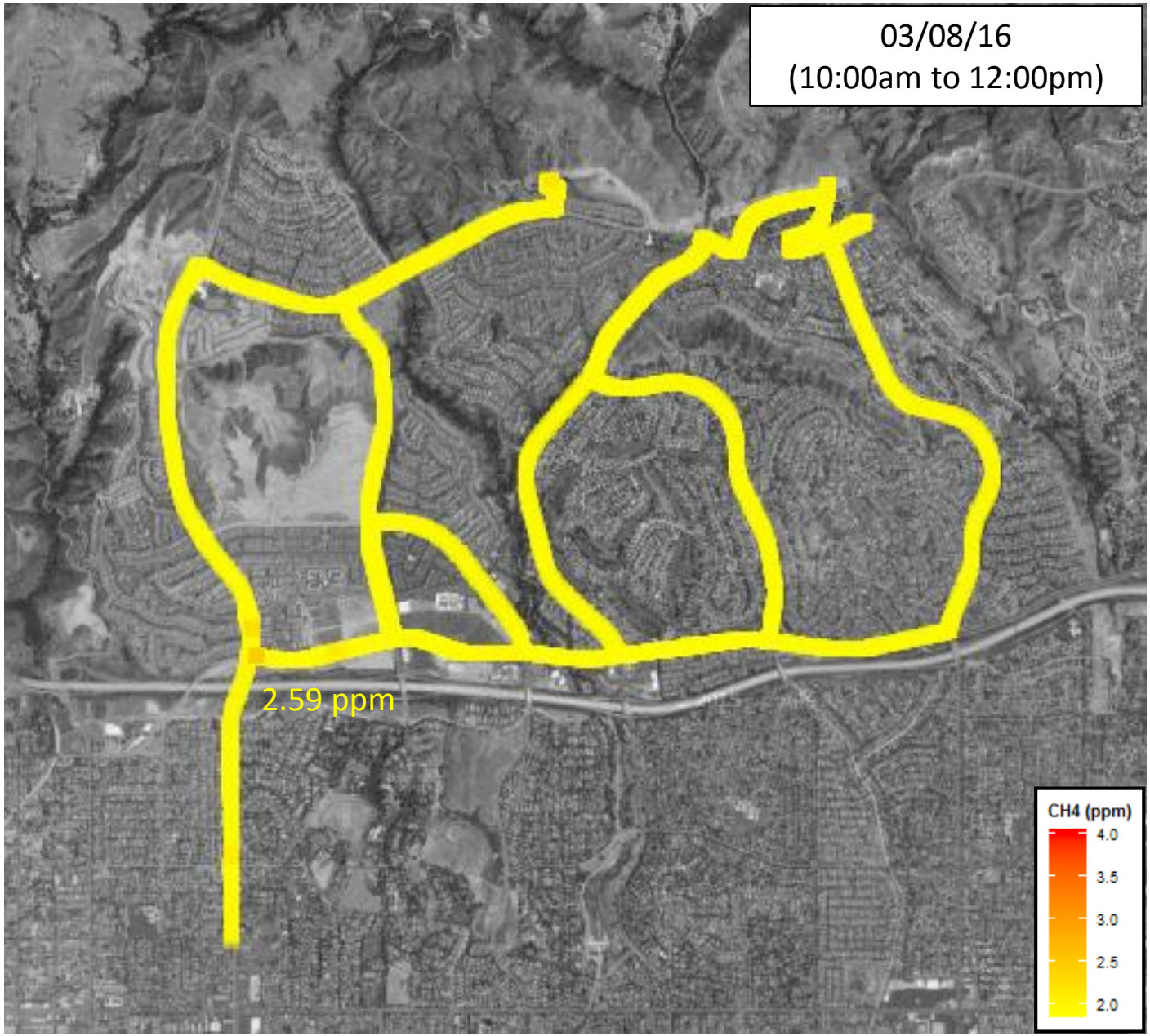

02/29/16
(01:15pm to 02:40pm)
2.06 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

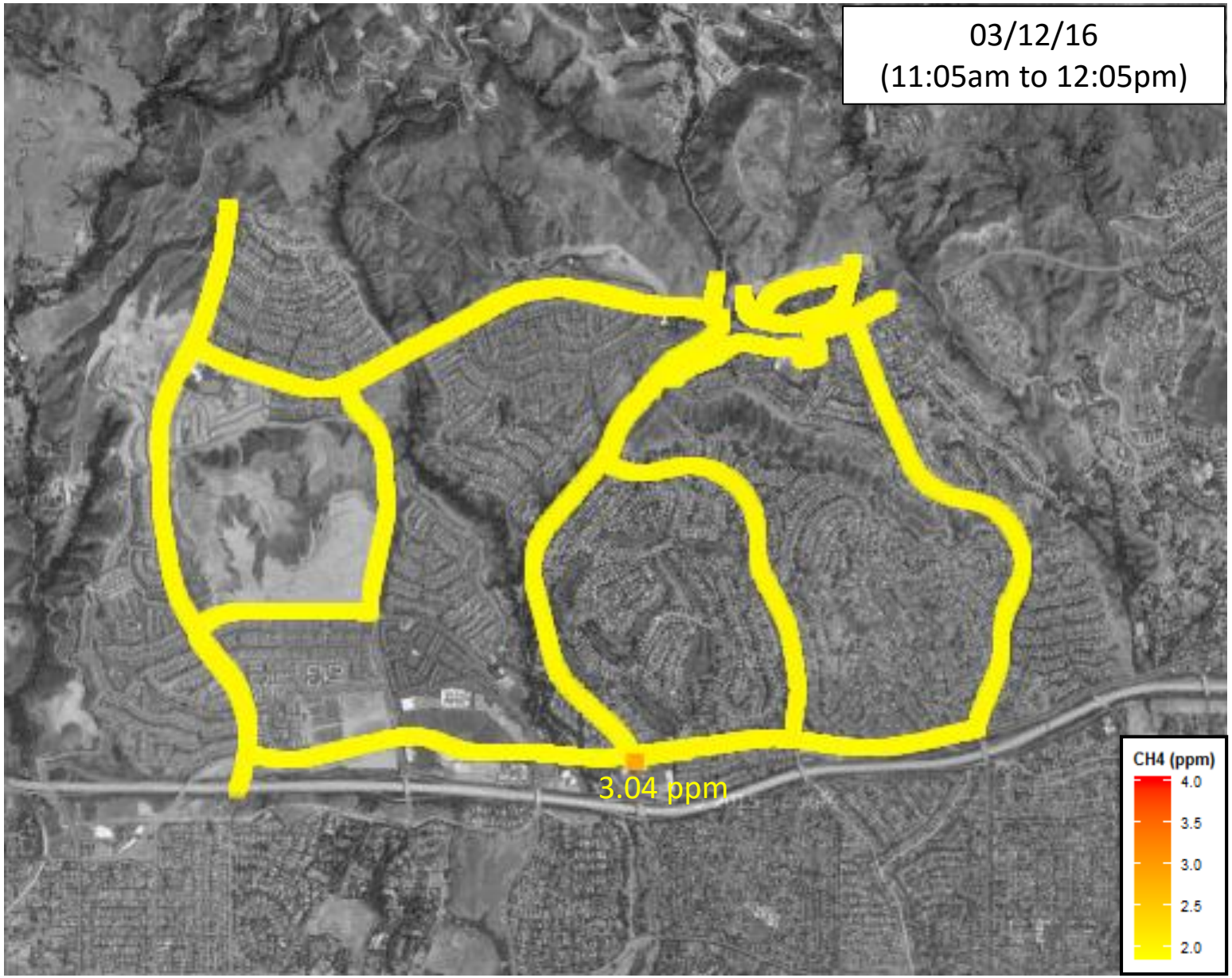

03/01/16
(08:05am to 08:55am)
3.92 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

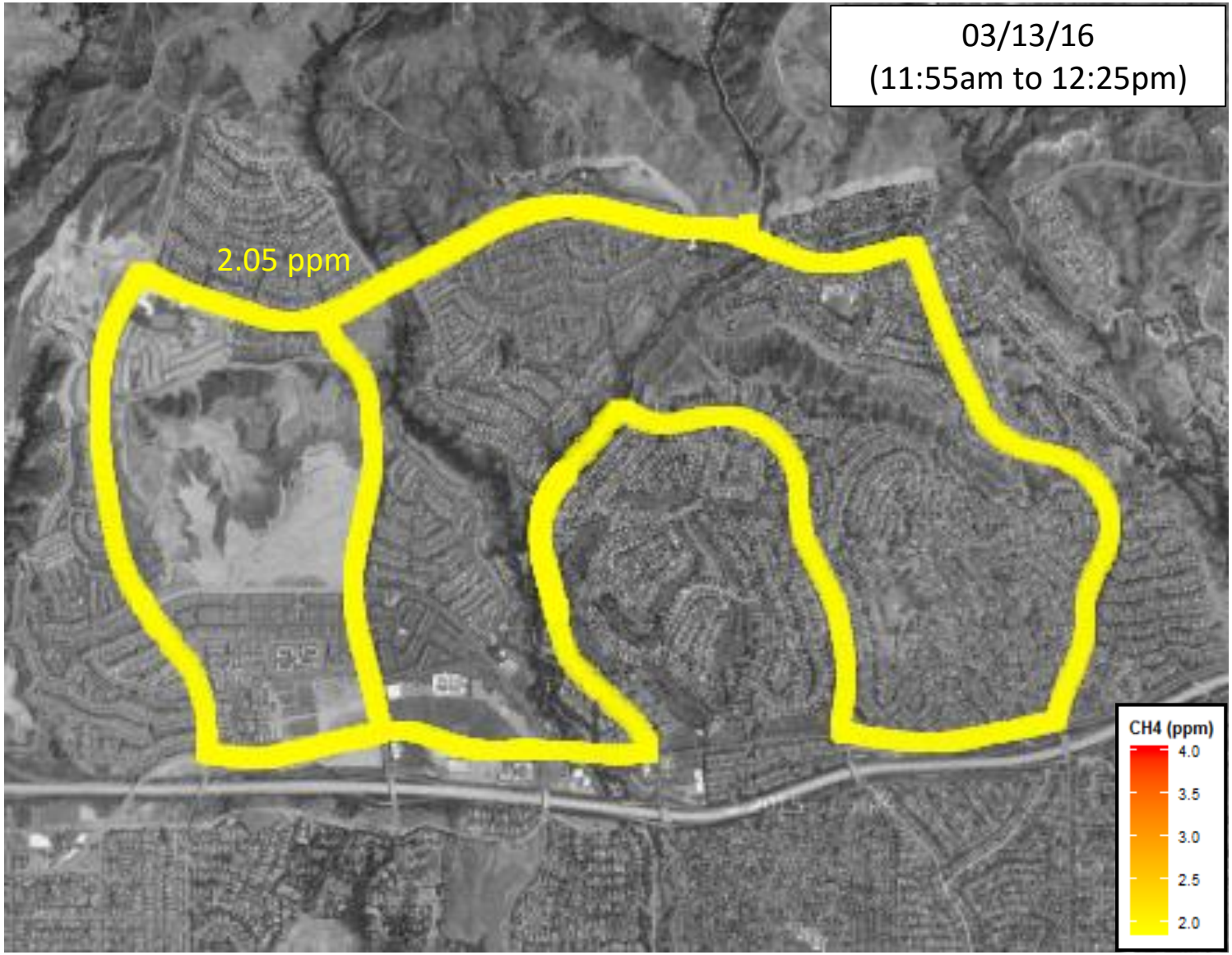

03/03/16
(10:30am to 02:40pm)
2.72 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

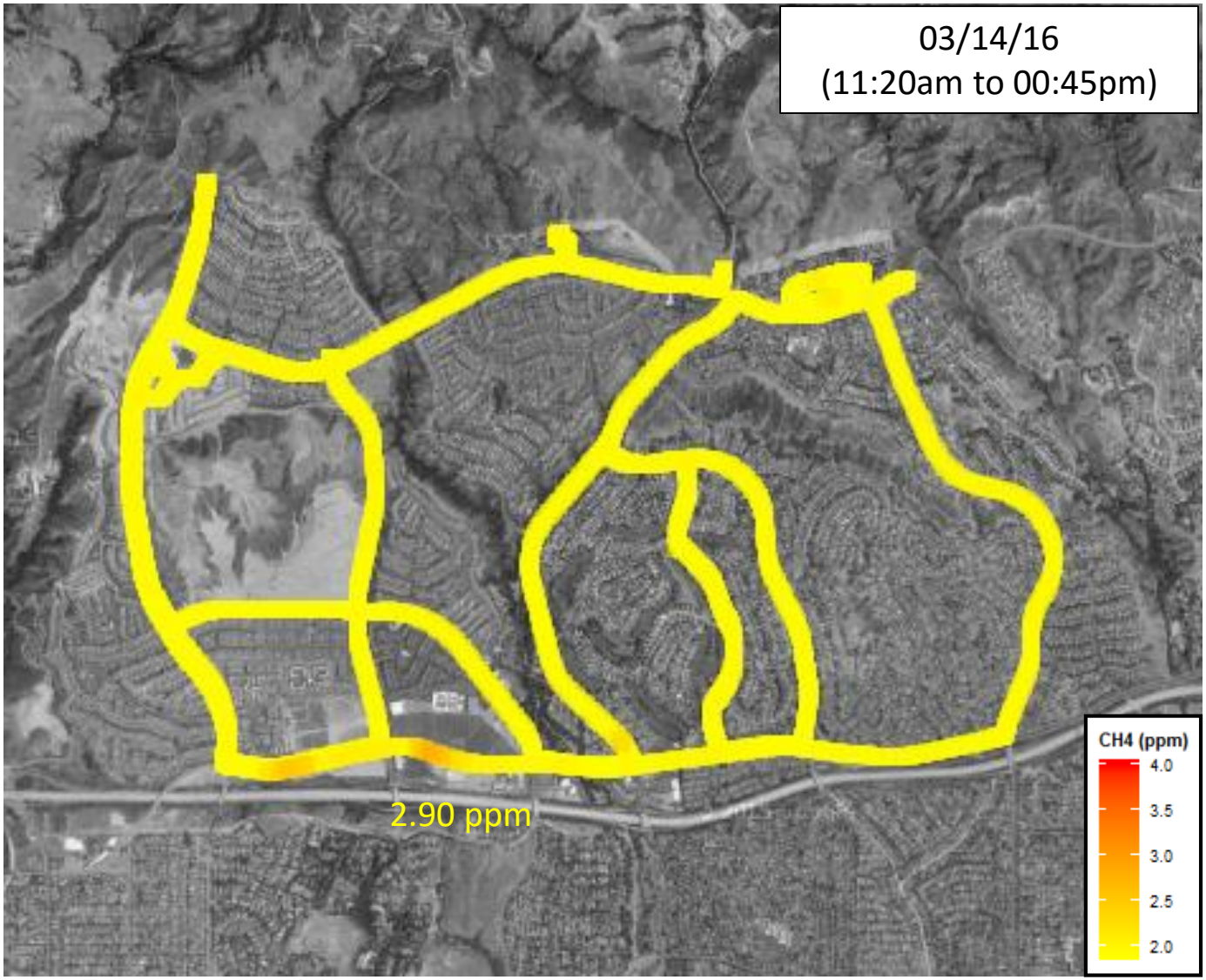

03/05/16
(12:00pm to 12:50pm)
2.14 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

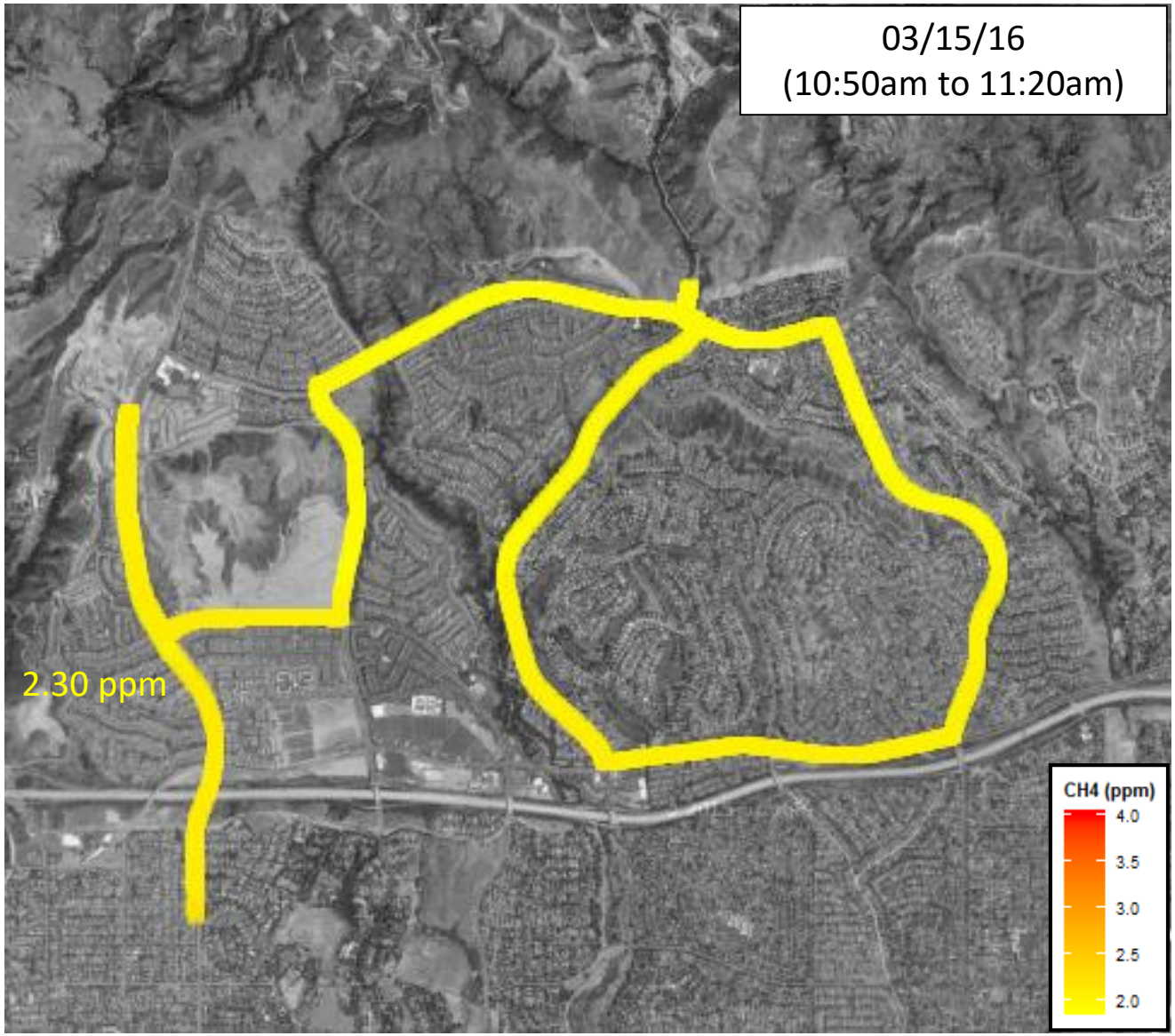

03/07/16
(11:45am to 12:20pm)
1.99 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

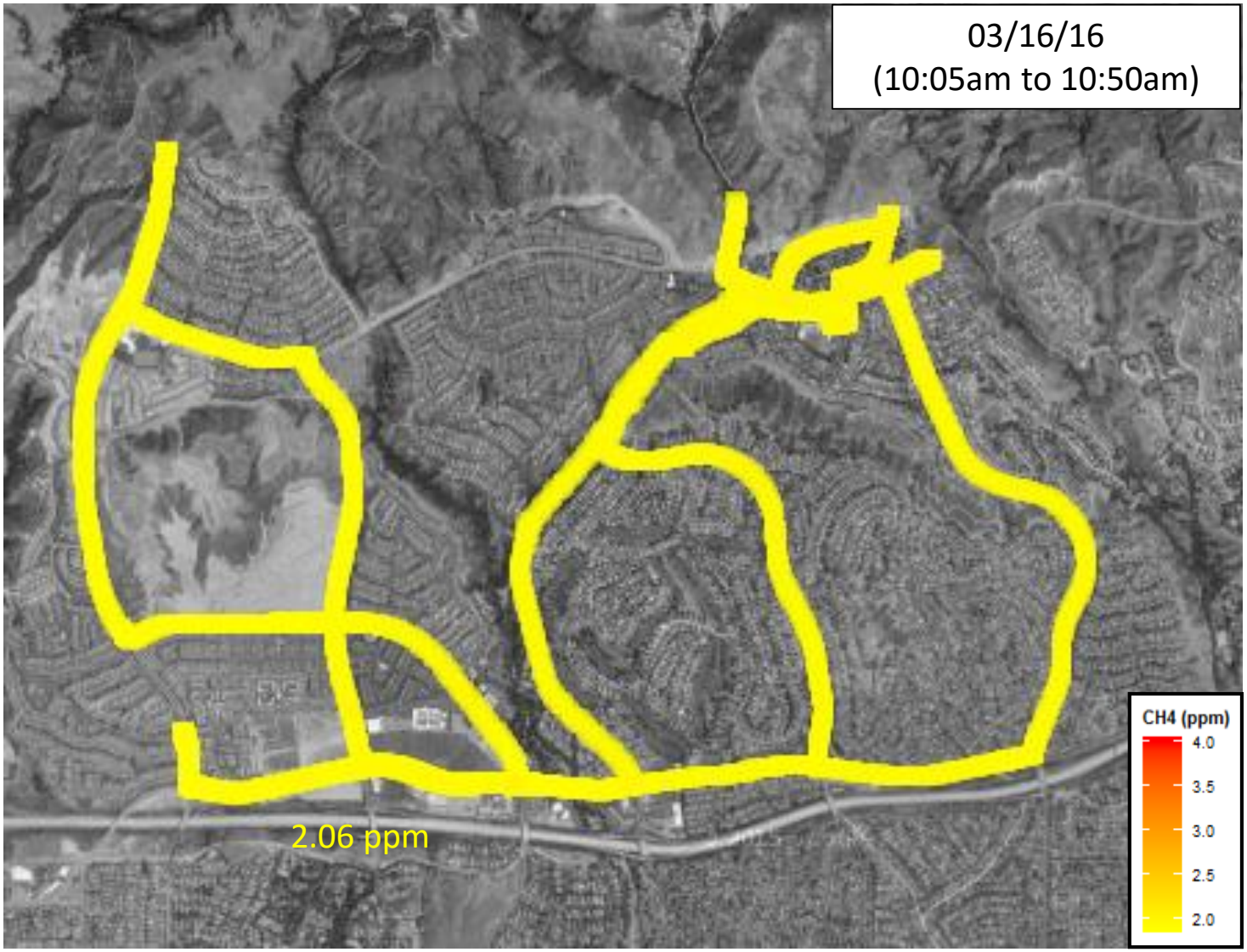

03/08/16
(10:00am to 12:00pm)
2.59 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

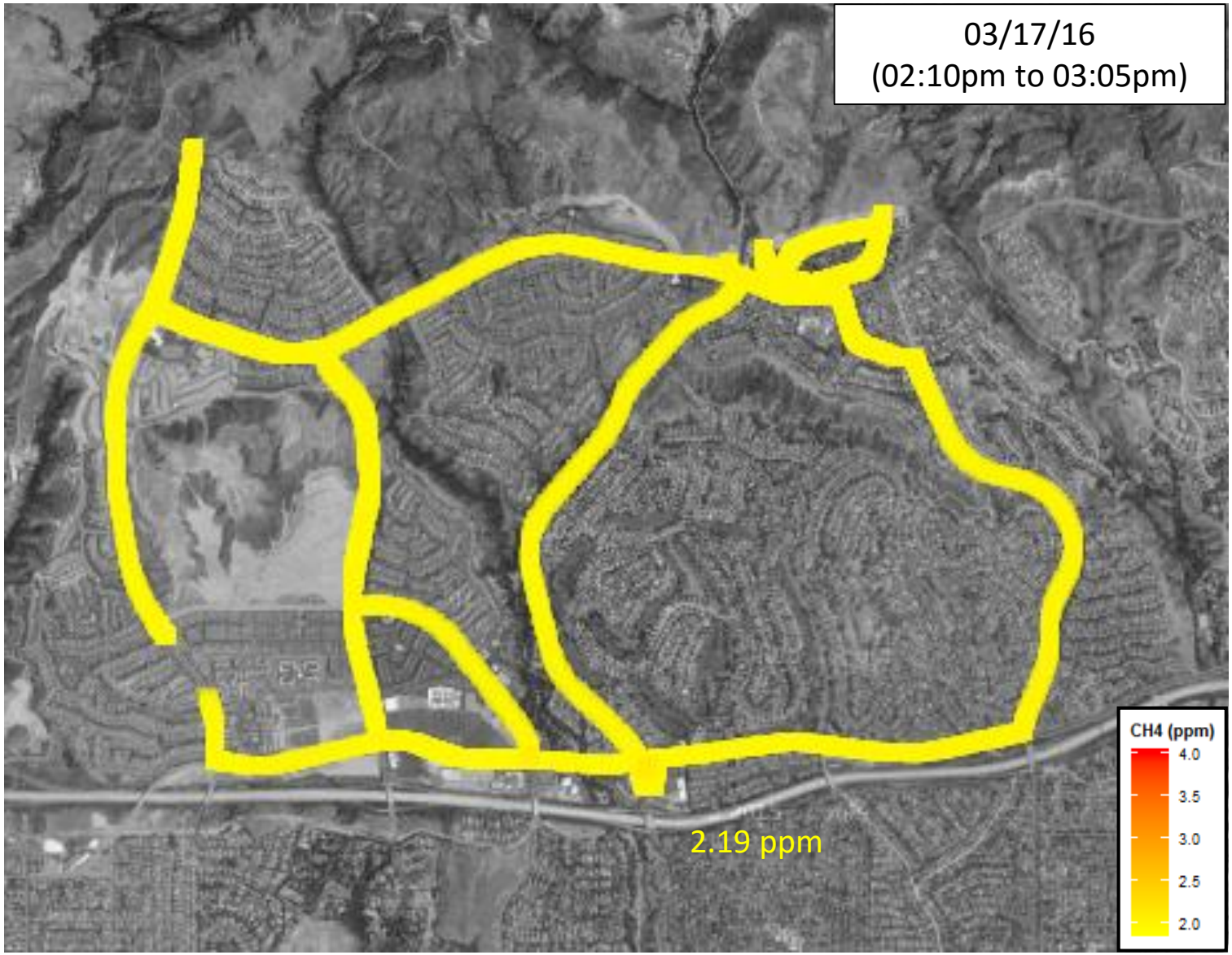

03/12/16
(11:05am to 12:05pm)
3.04 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

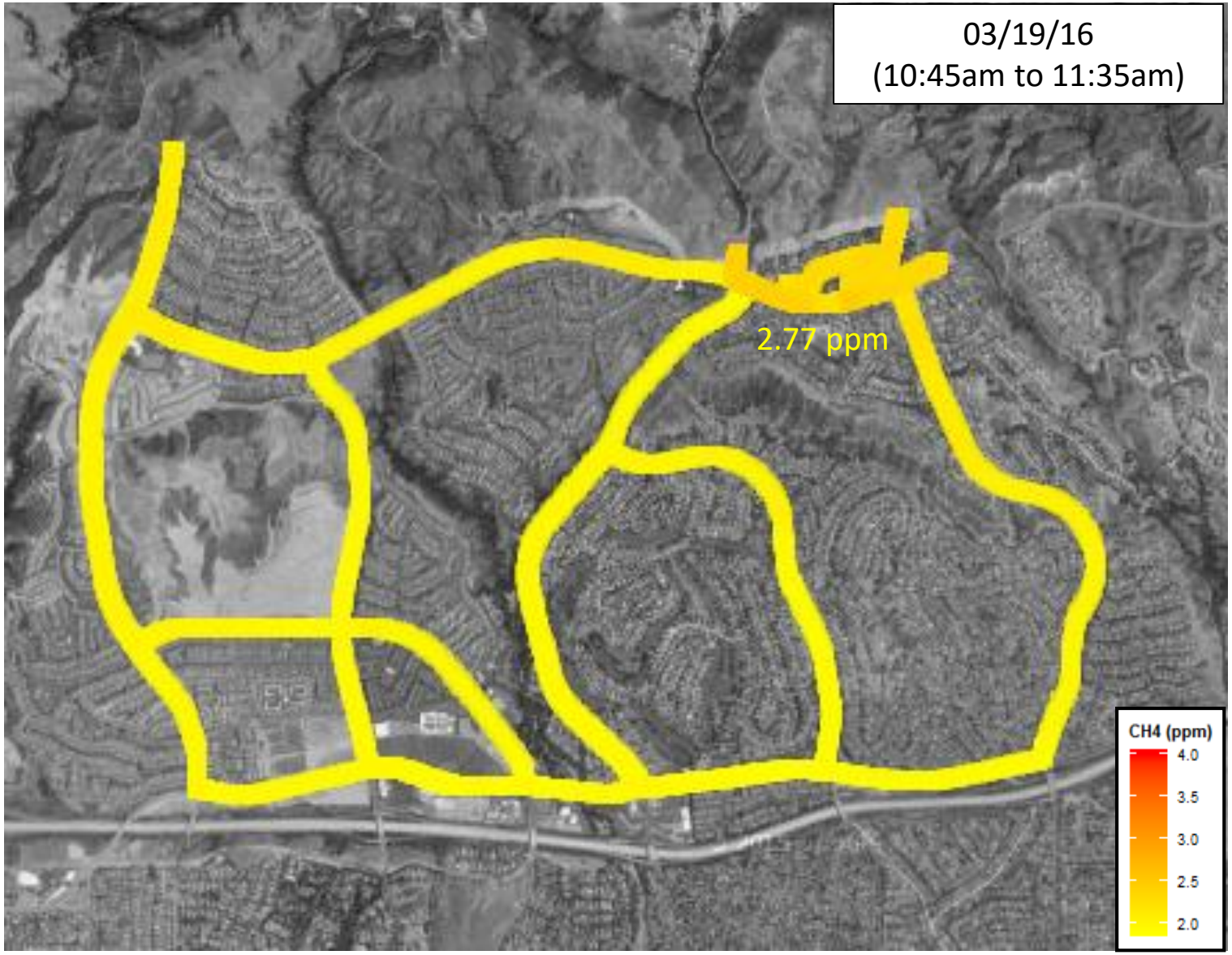

03/13/16
(11:55am to 12:25pm)
2.05 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

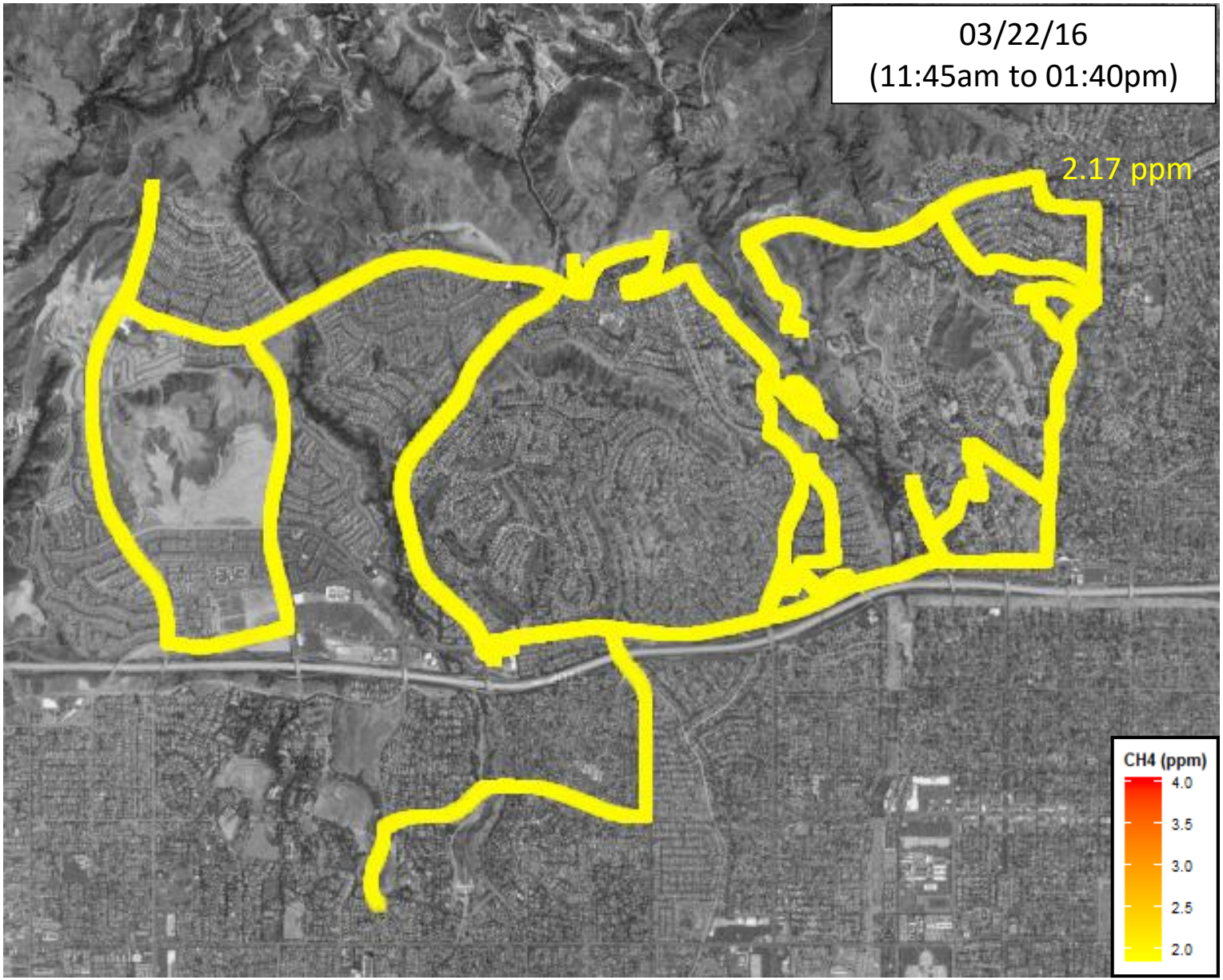

03/14/16
(11:20am to 00:45pm)
2.90 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

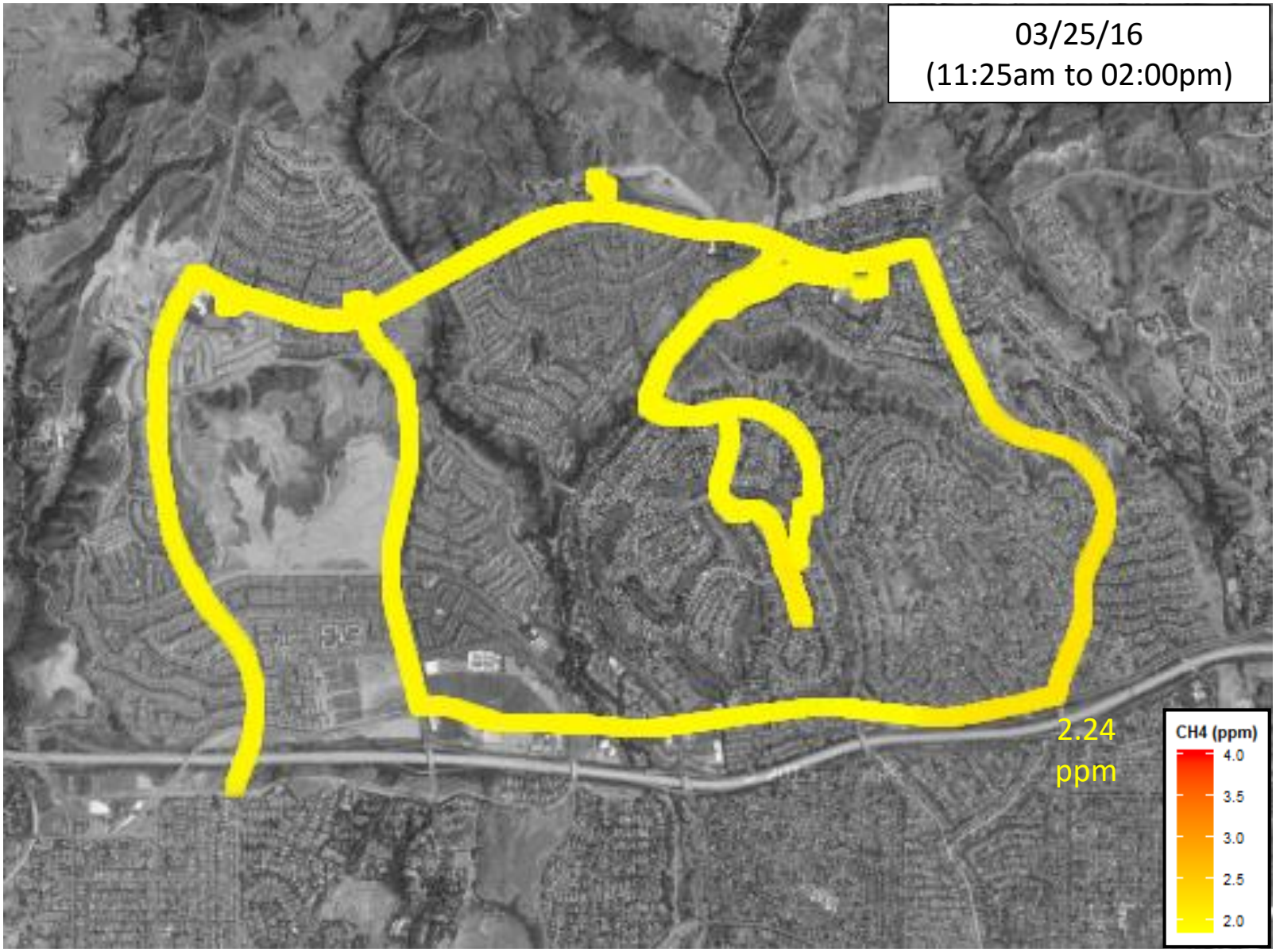

03/15/16
(10:50am to 11:20am)
2.30 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

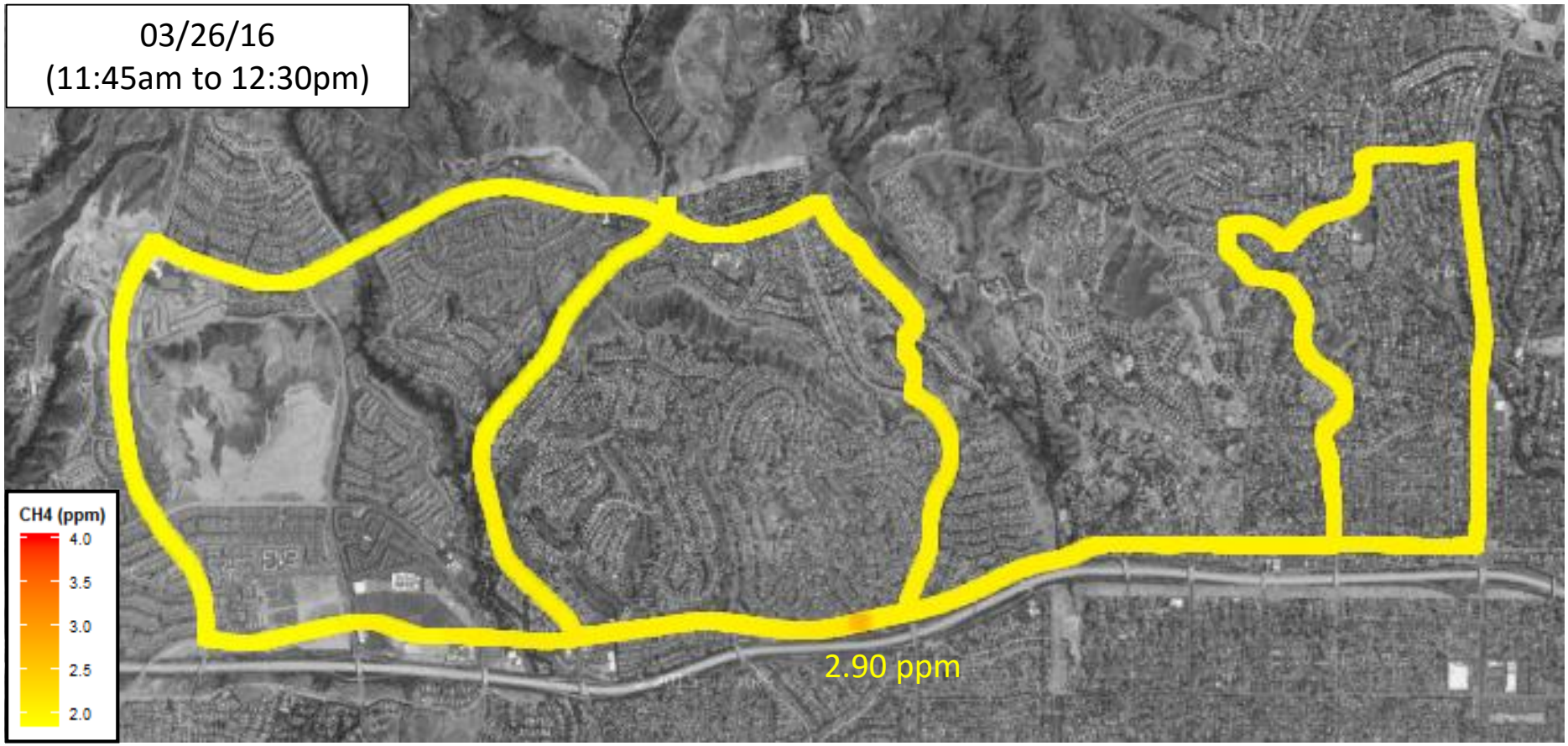

03/16/16
(10:05am to 10:50am)
2.06 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

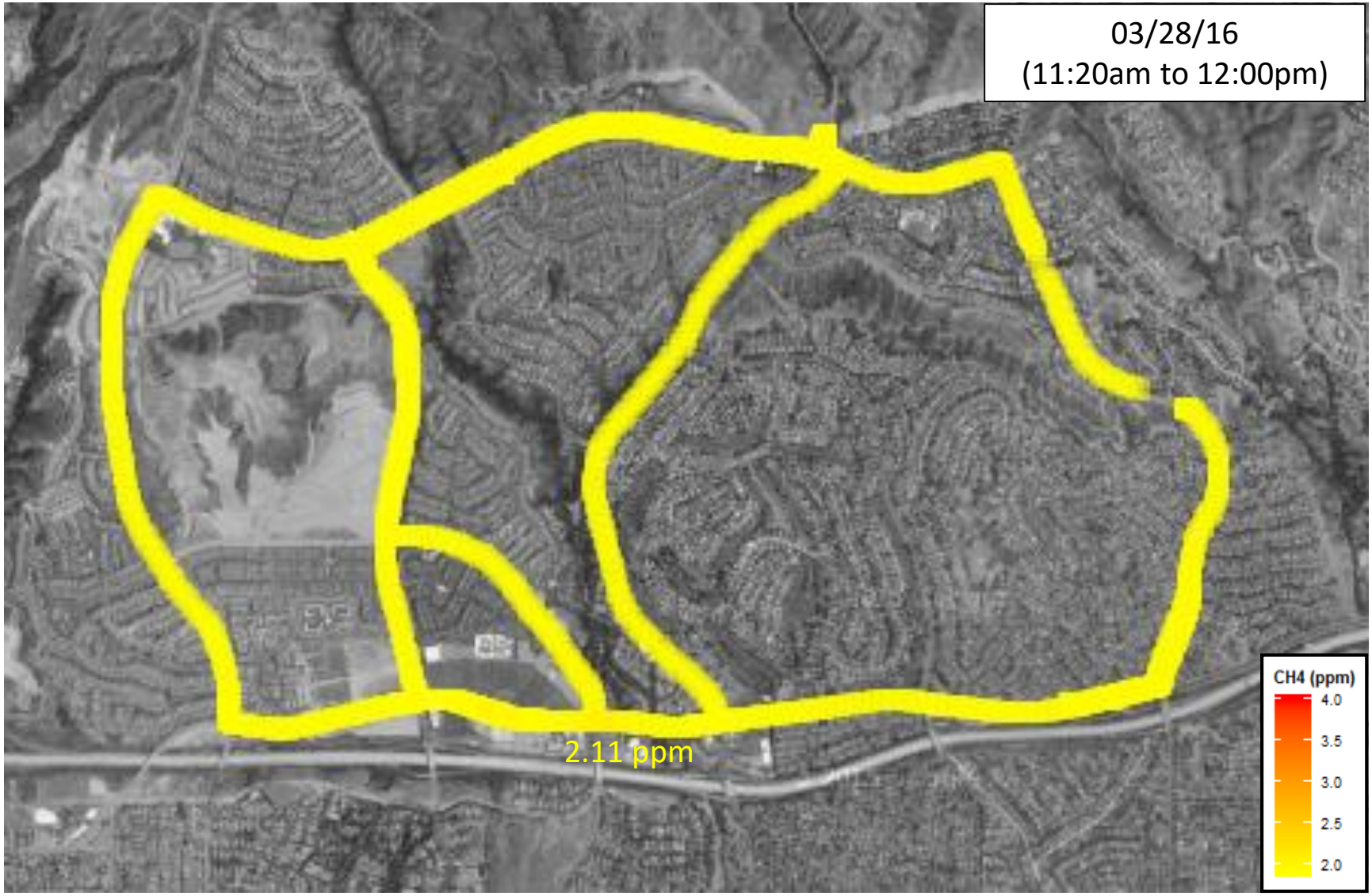

03/17/16
(02:10pm to 03:05pm)
2.19 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

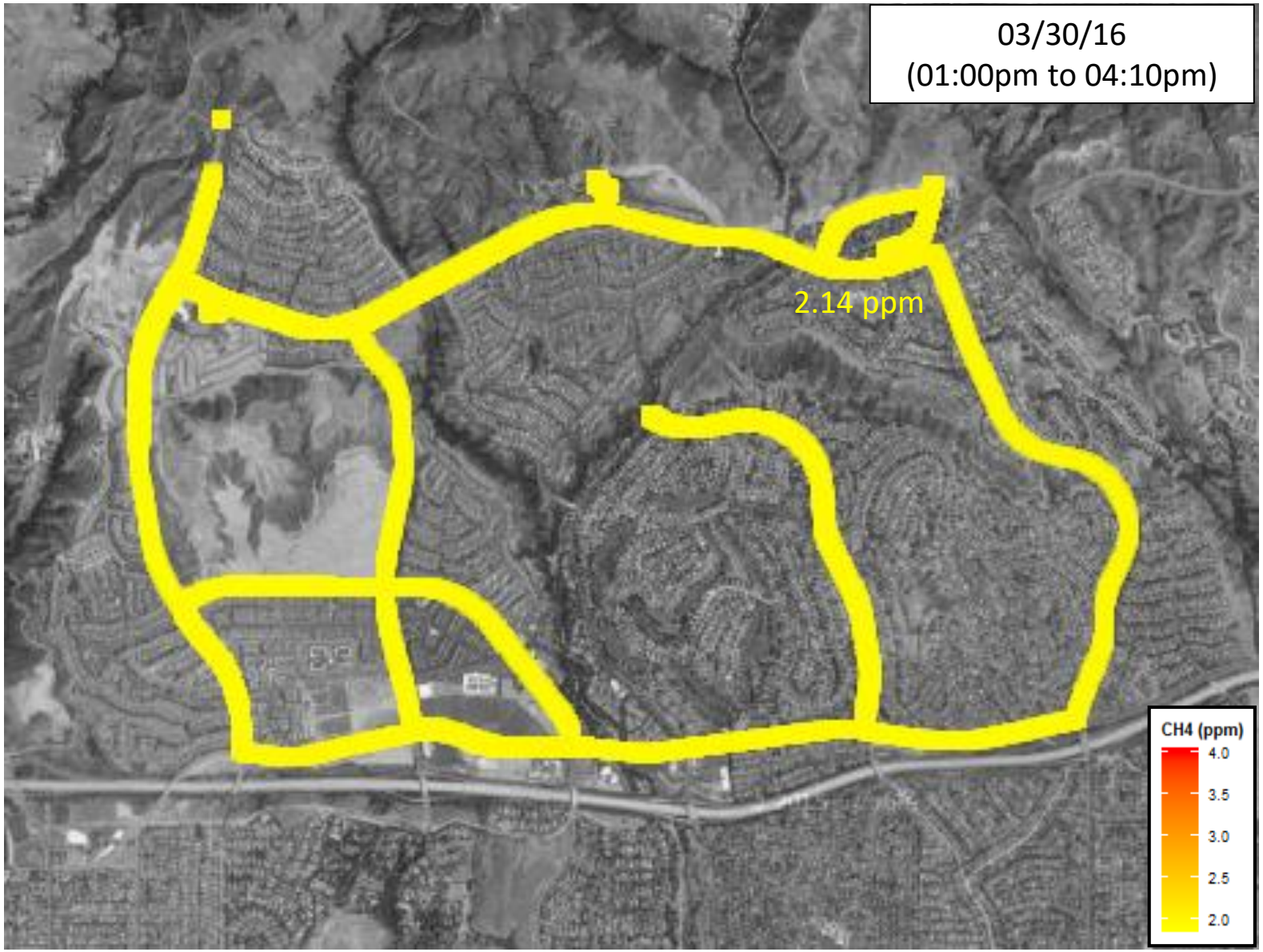

03/19/16
(10:45am to 11:35am)
2.77 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

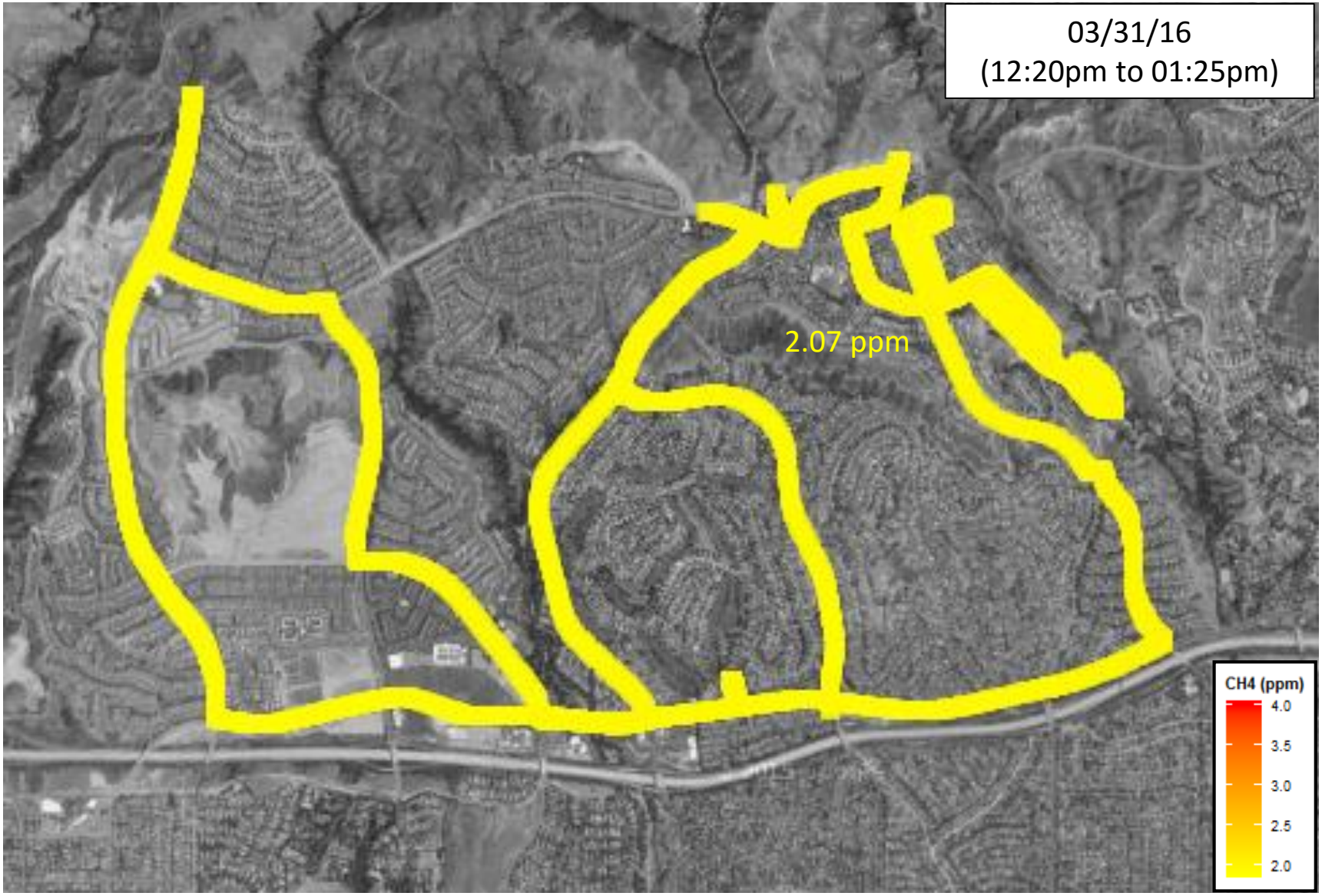

03/22/16
(11:45am to 01:40pm)
2.17 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

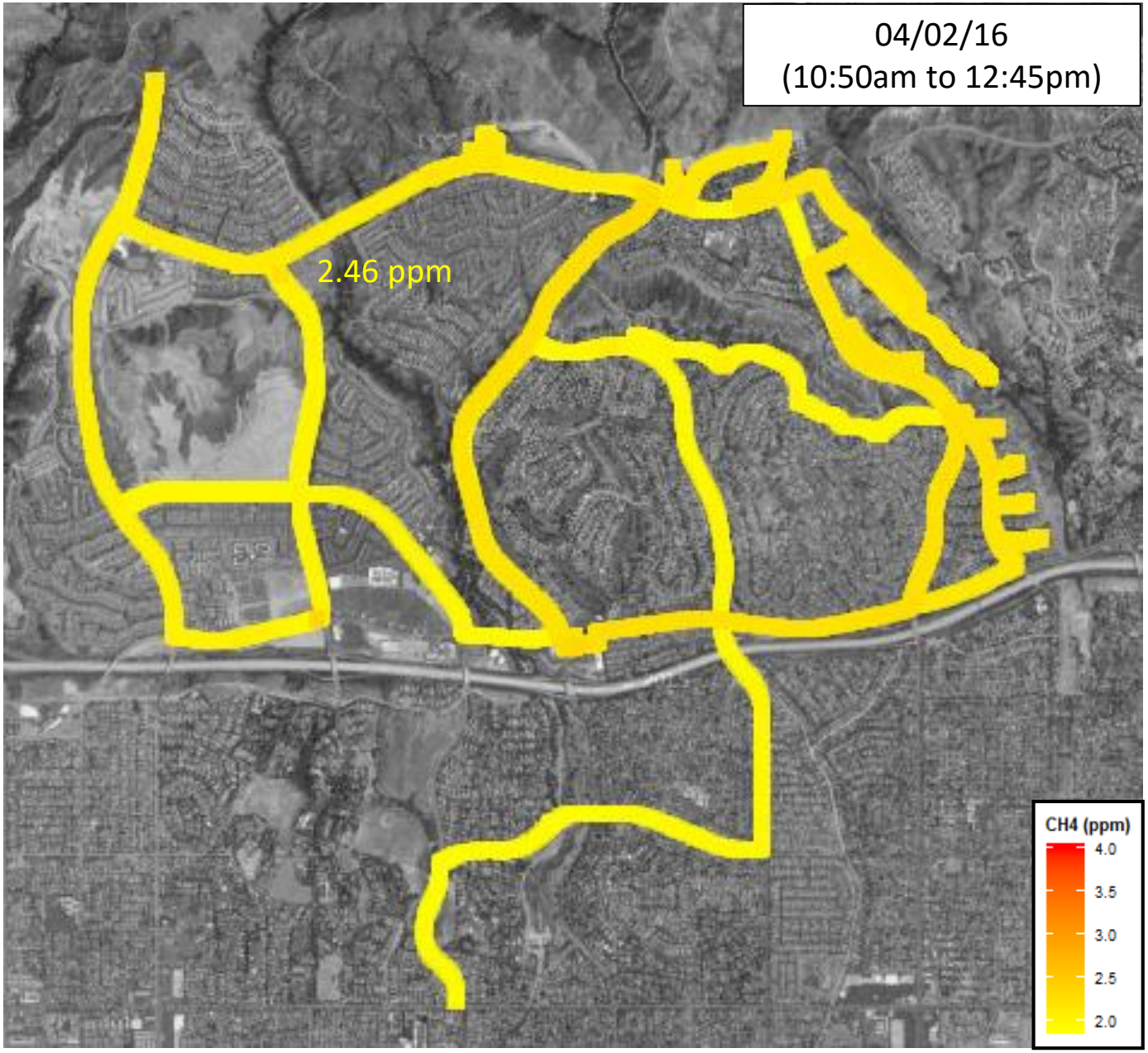

03/25/16
(11:25am to 02:00pm)
2.24
ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

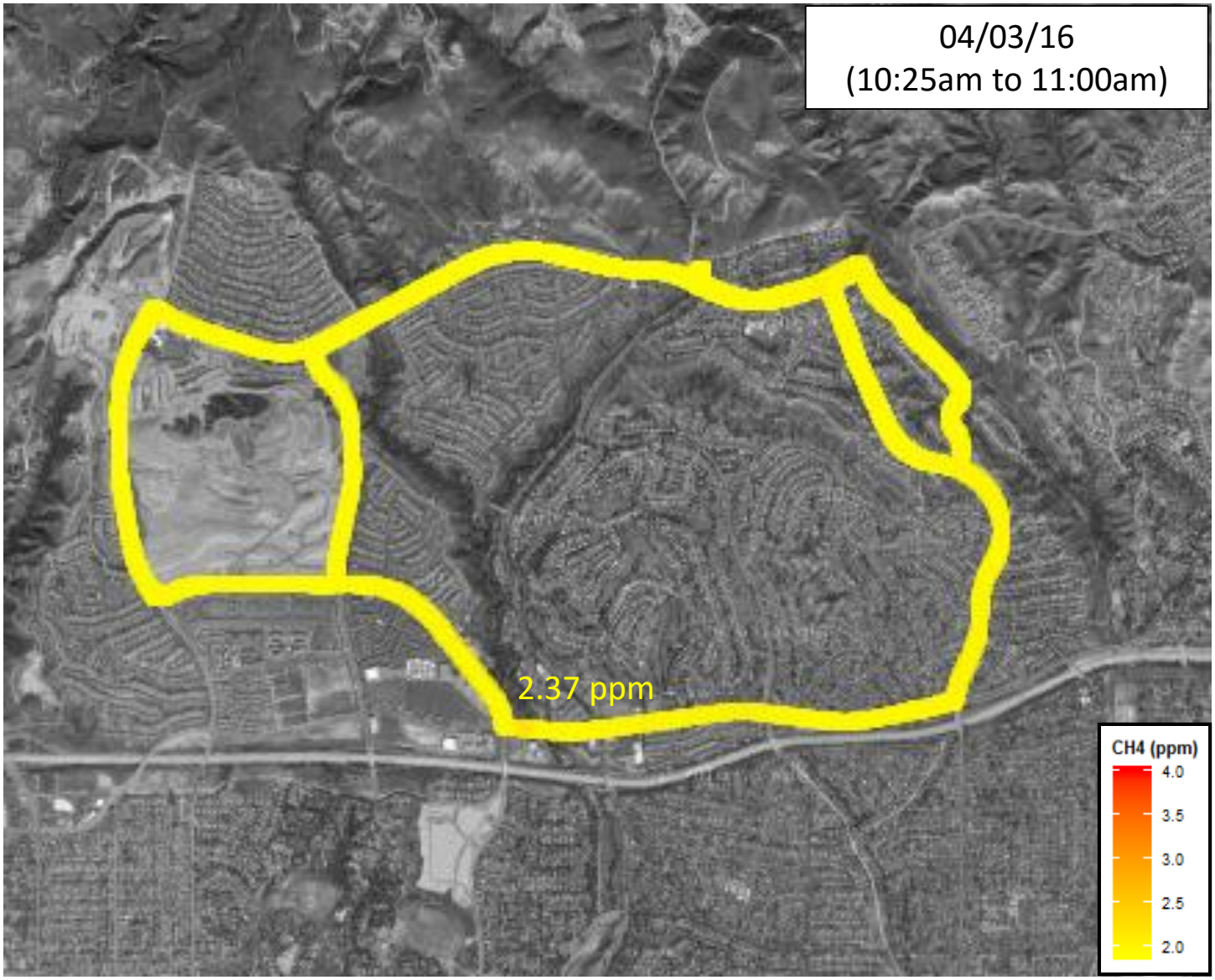

03/26/16
(11:45am to 12:30pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.90 ppm

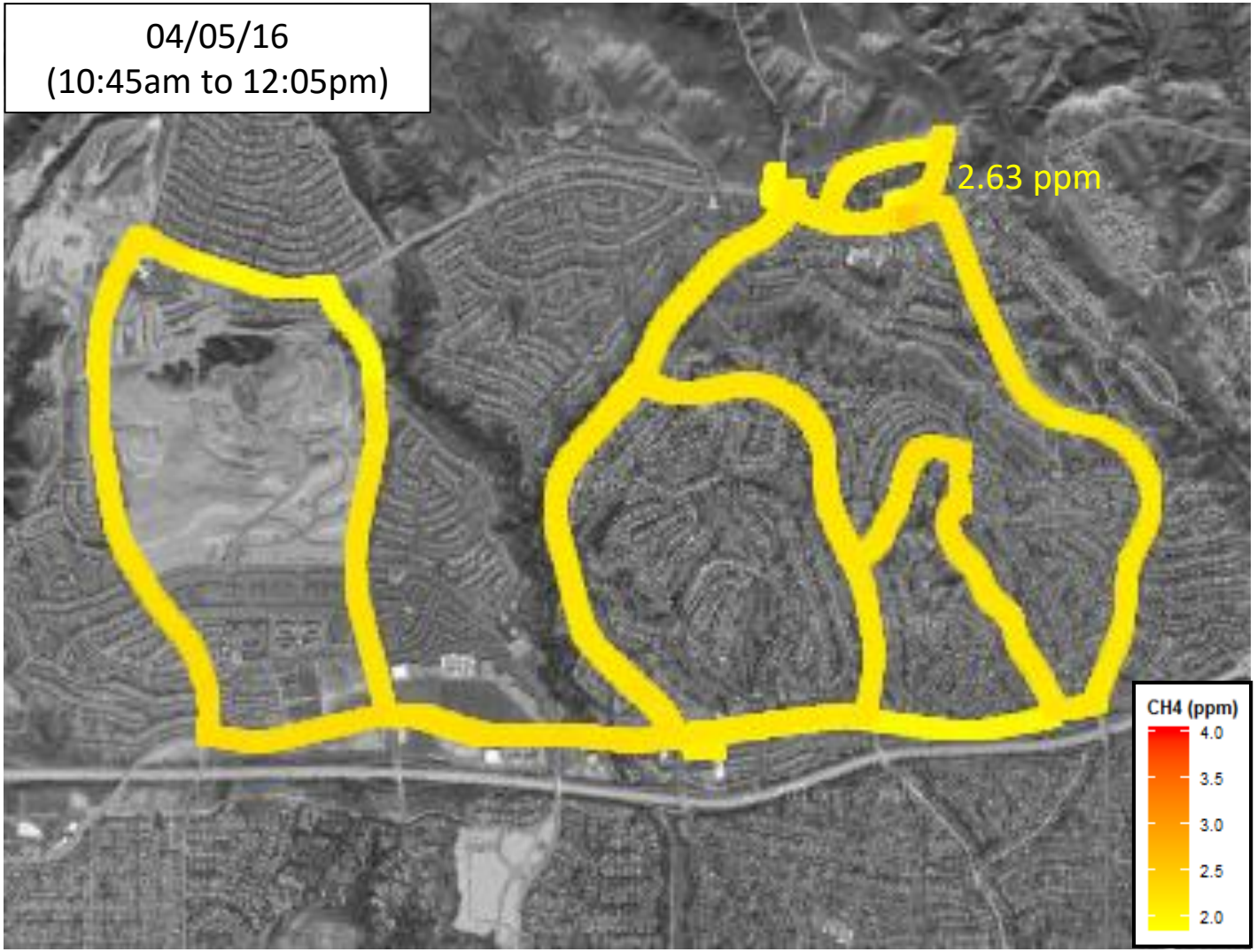

03/28/16
(11:20am to 12:00pm)
2.11 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

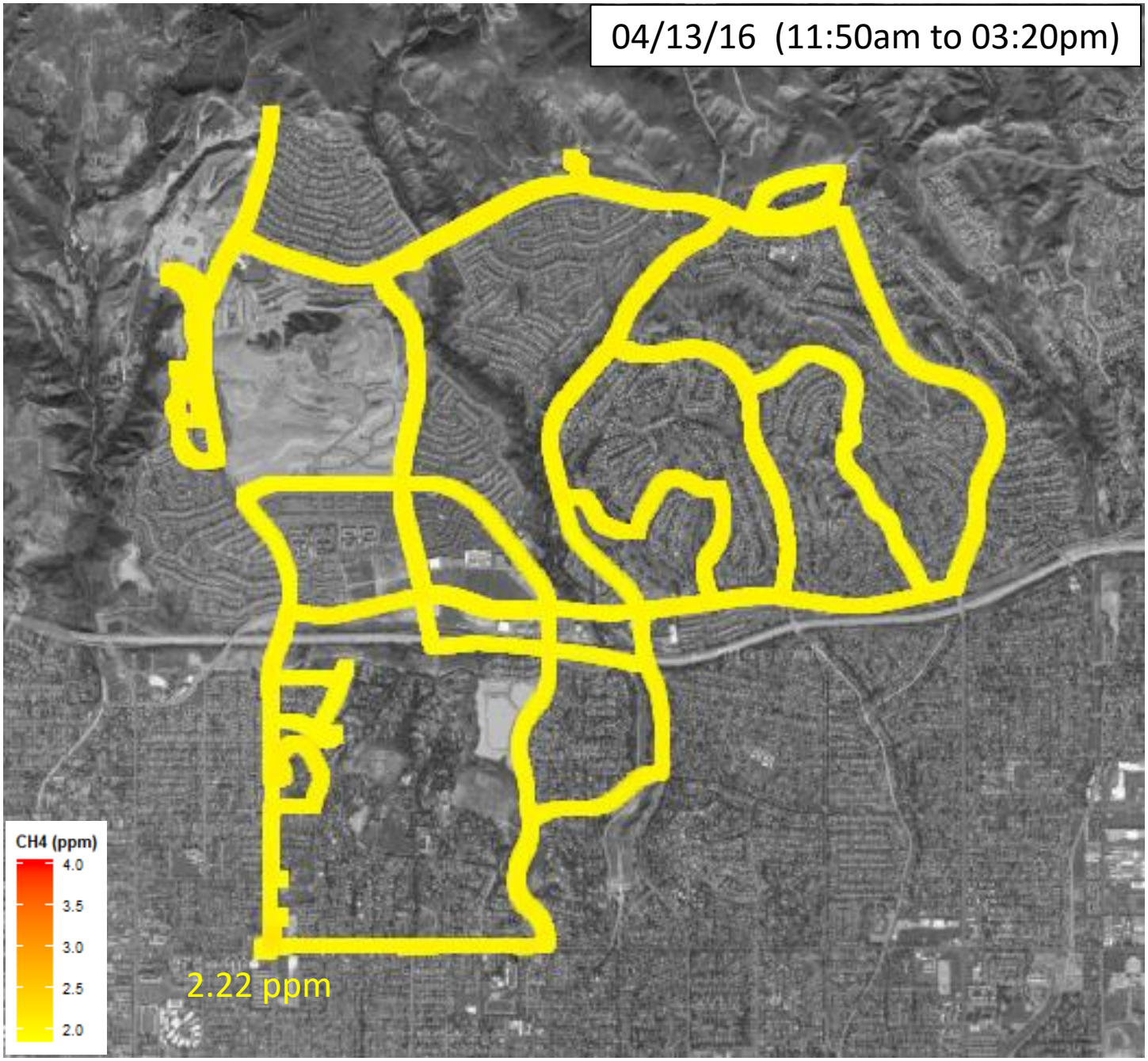

03/30/16
(01:00pm to 04:10pm)
2.14 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

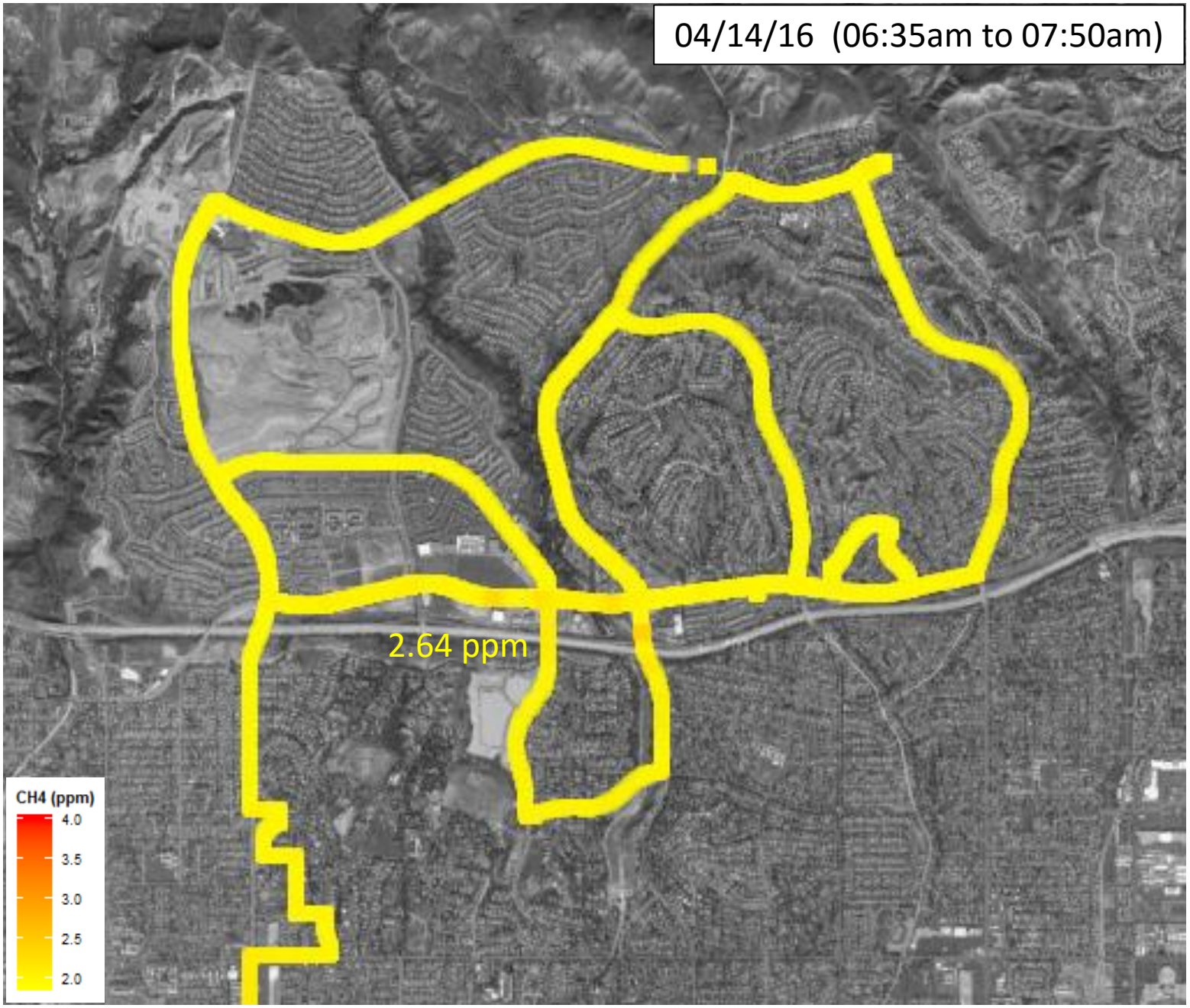

03/31/16
(12:20pm to 01:25pm)
2.07 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

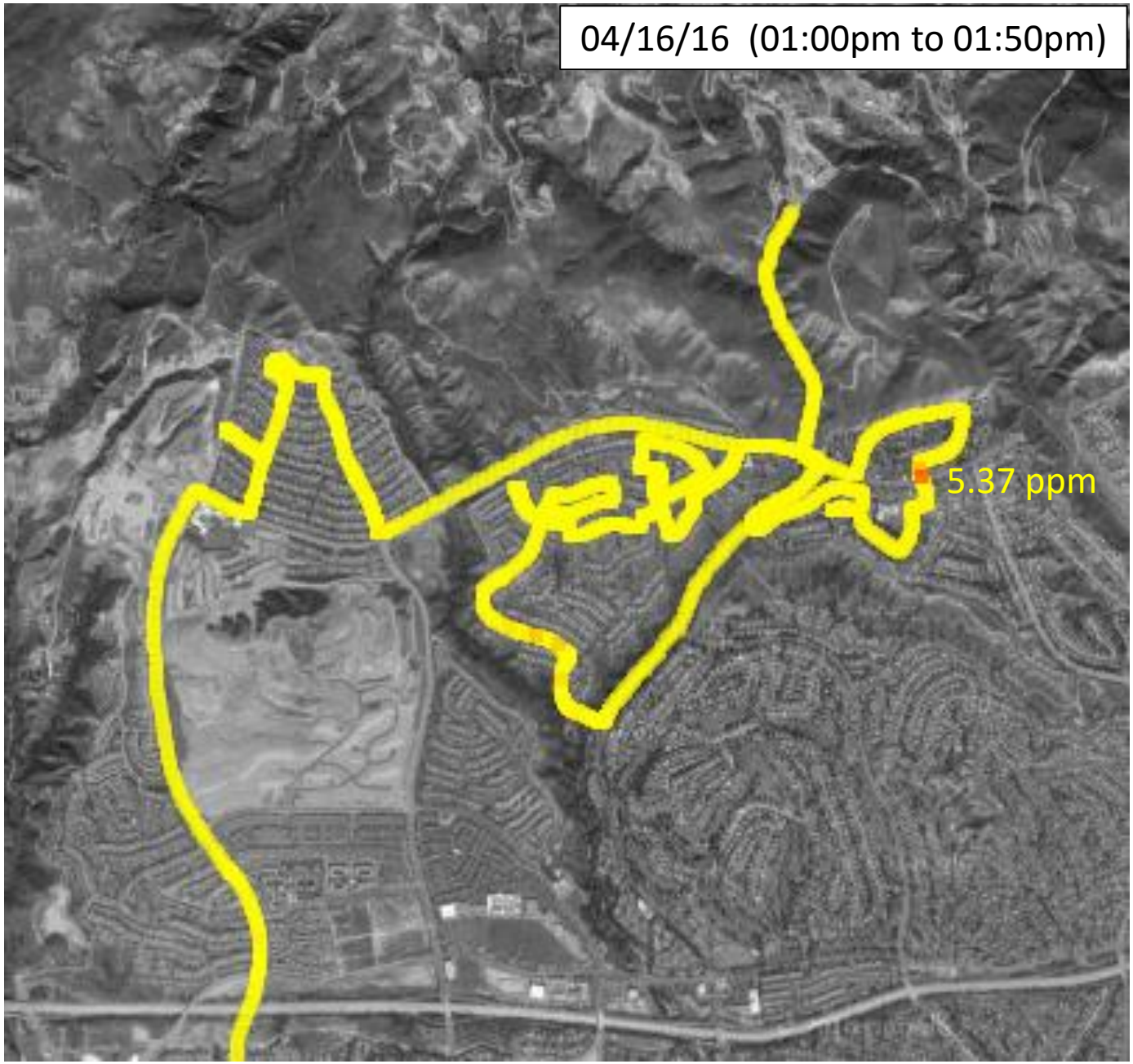

04/02/16
(10:50am to 12:45pm)
2.46 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

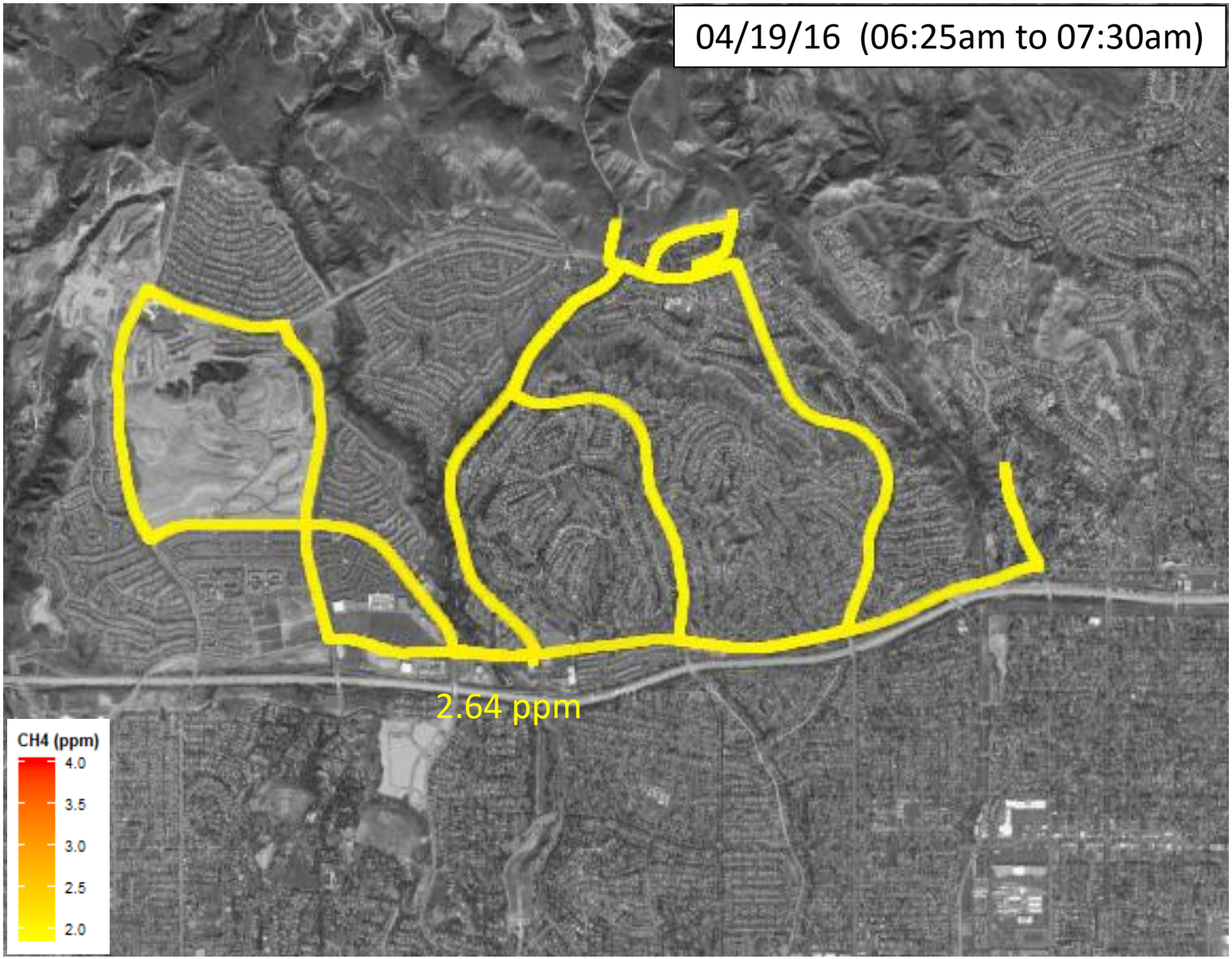

04/03/16
(10:25am to 11:00am)
2.37 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

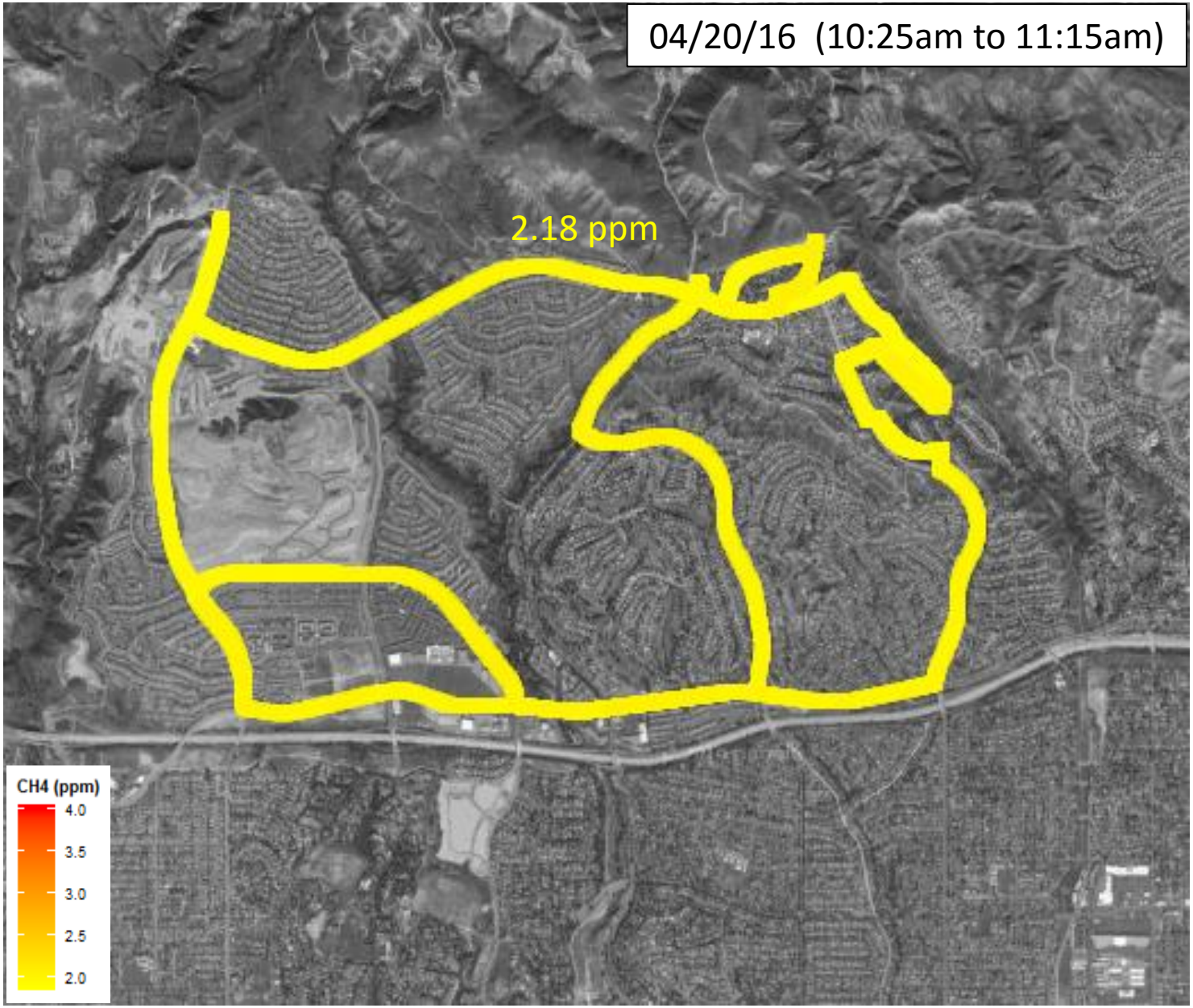

04/05/16
(10:45am to 12:05pm)
2.63 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

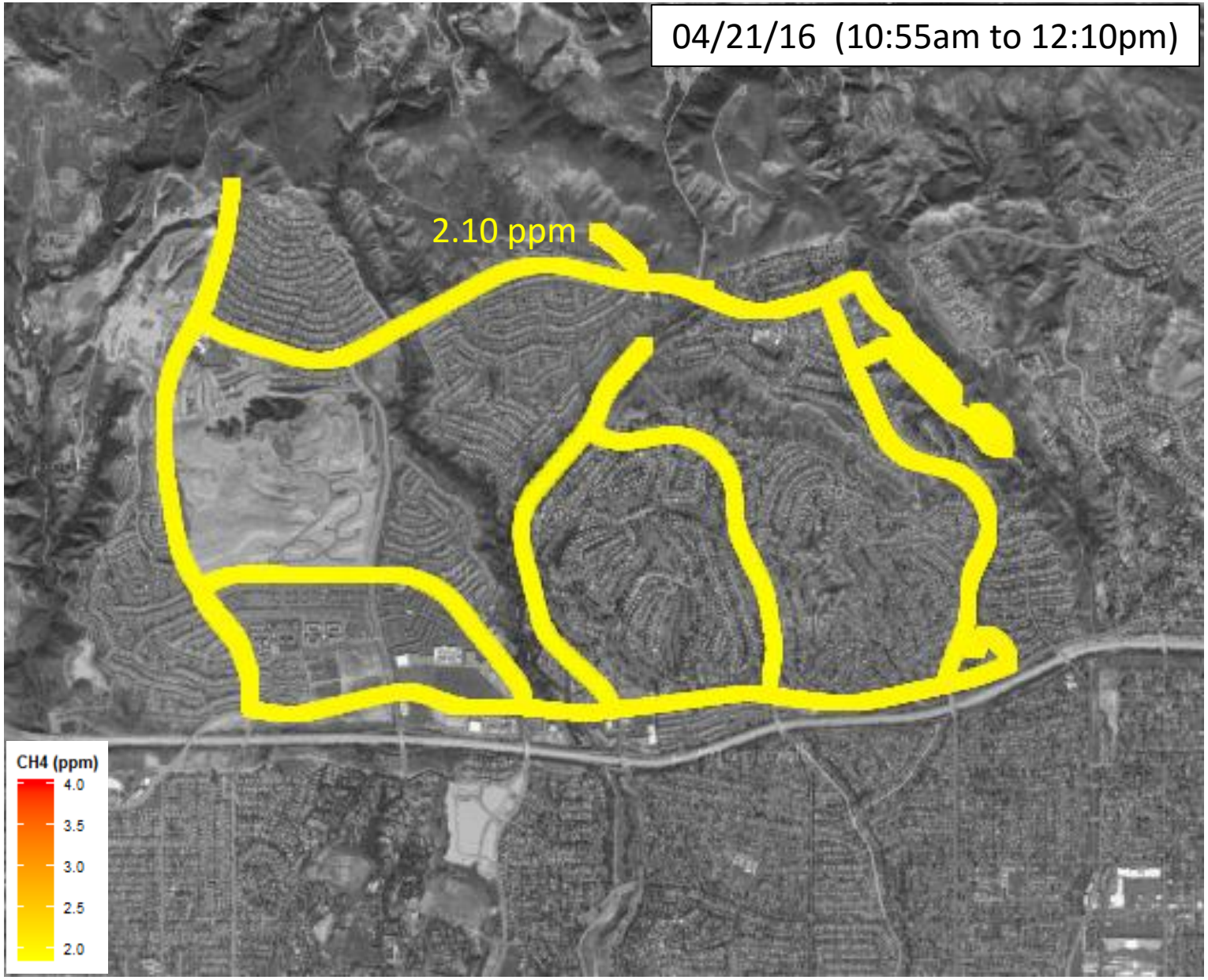

04/13/16 (11:50am to 03:20pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.22 ppm

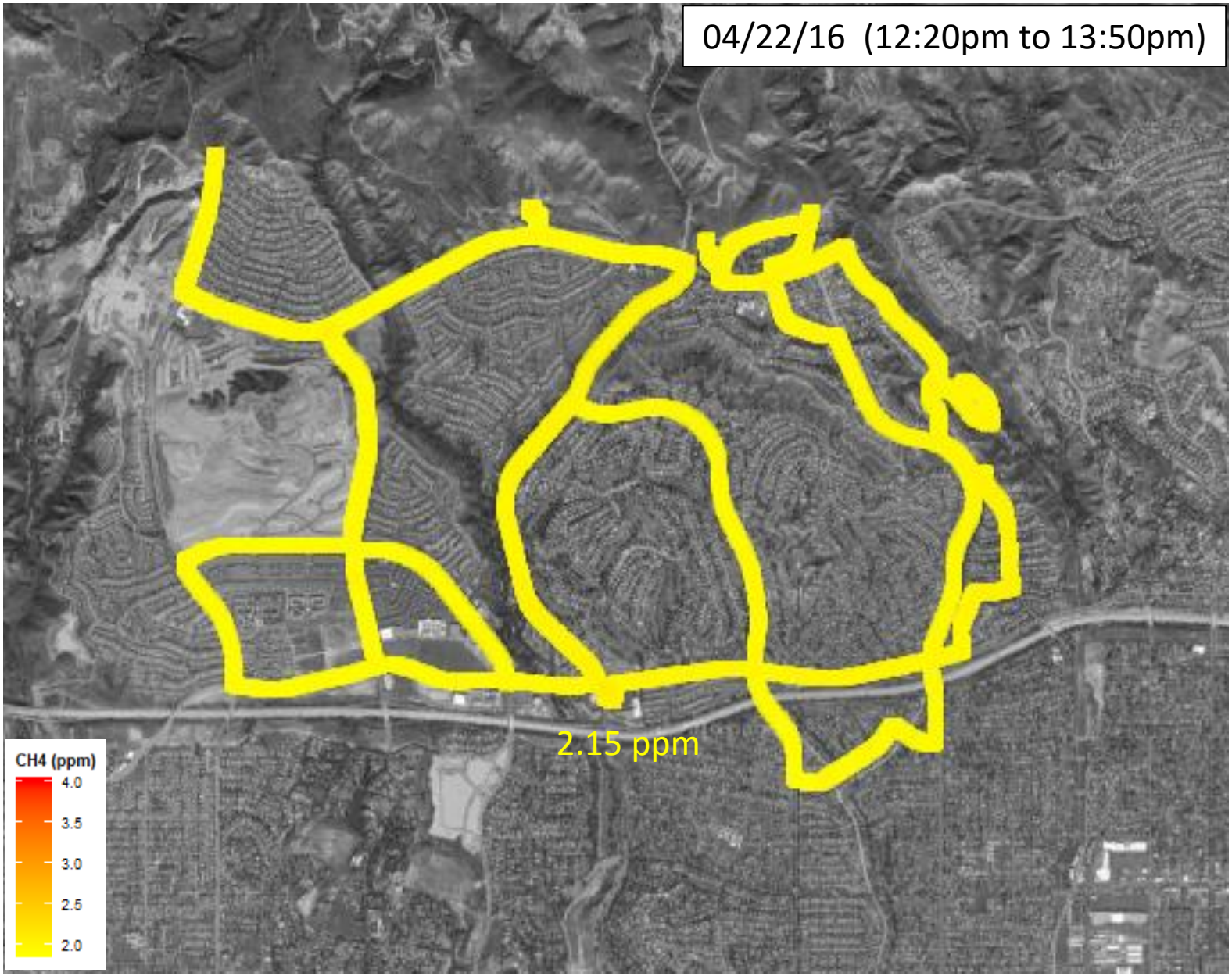

04/14/16 (06:35am to 07:50am)
2.64 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

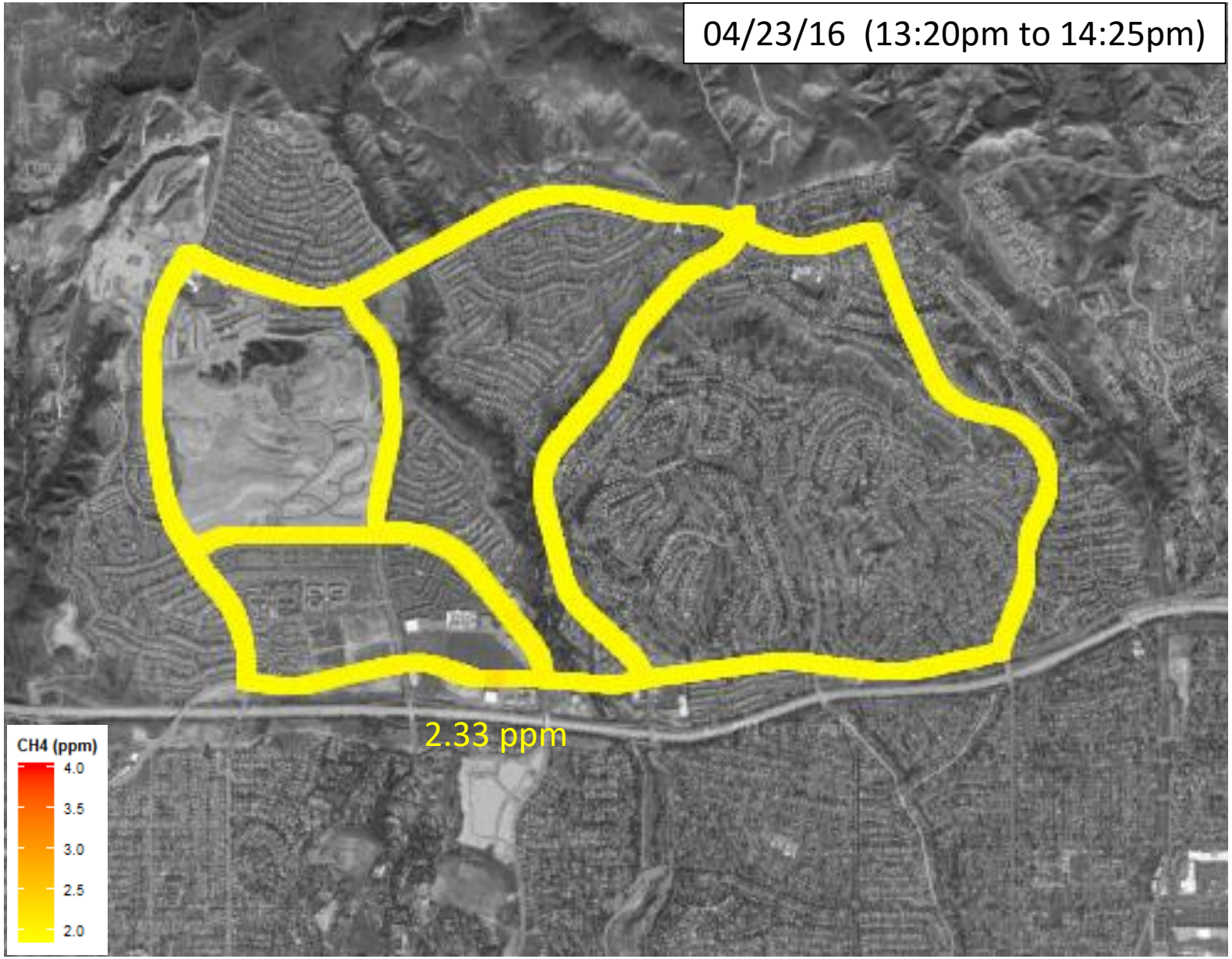

04/16/16 (01:00pm to 01:50pm)
5.37 ppm

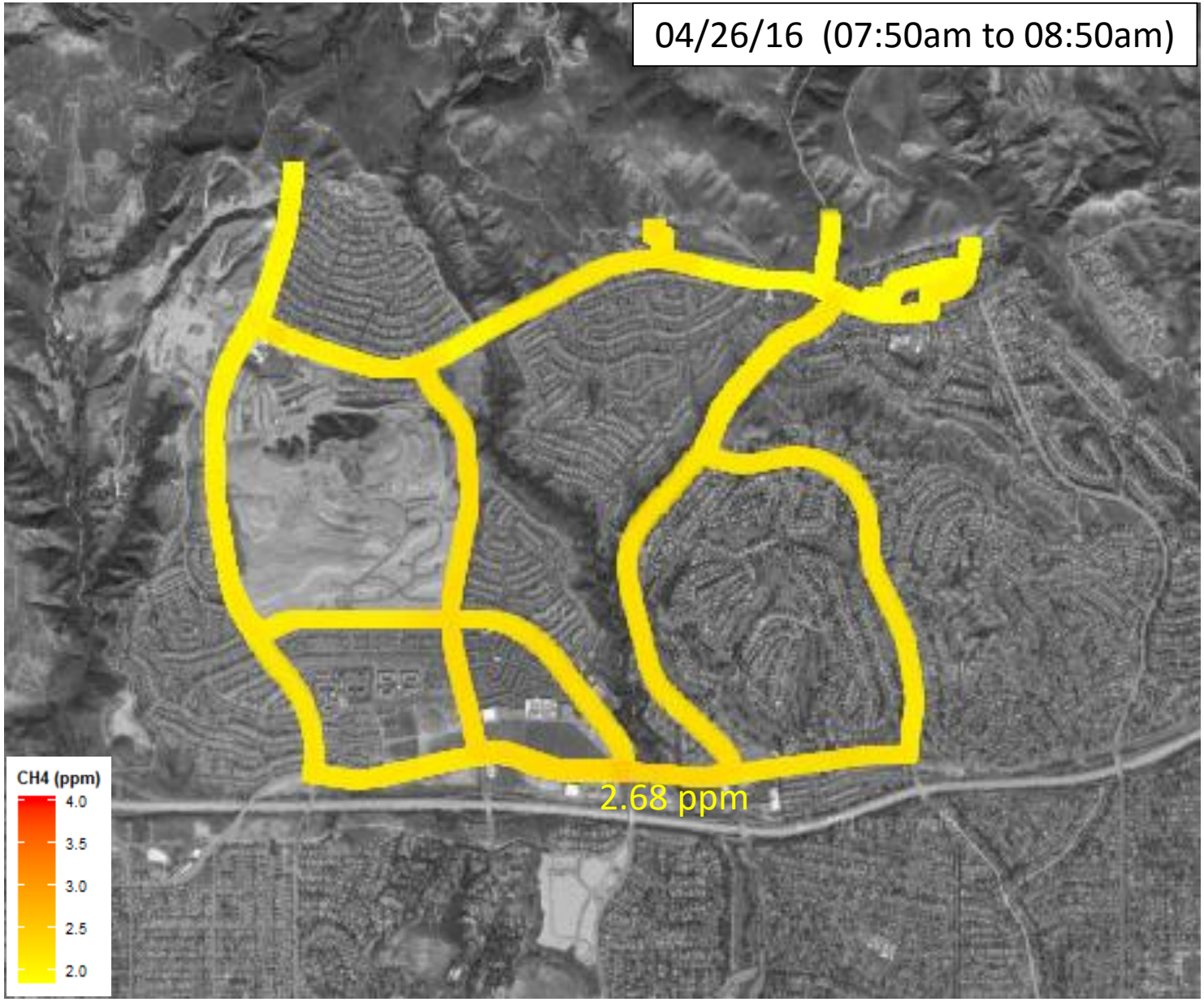

04/19/16 (06:25am to 07:30am)
2.64 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

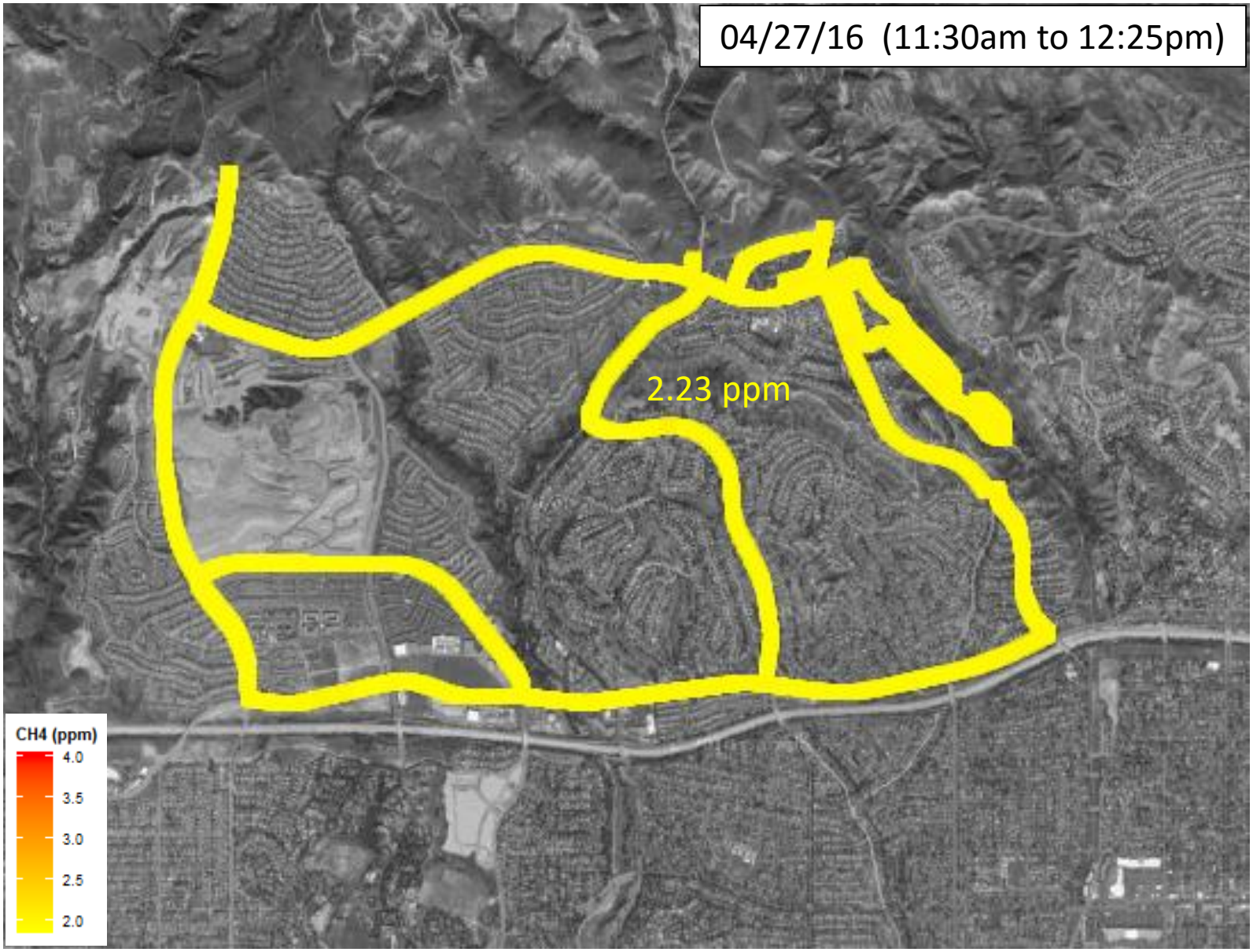

04/20/16 (10:25am to 11:15am)
2.18 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

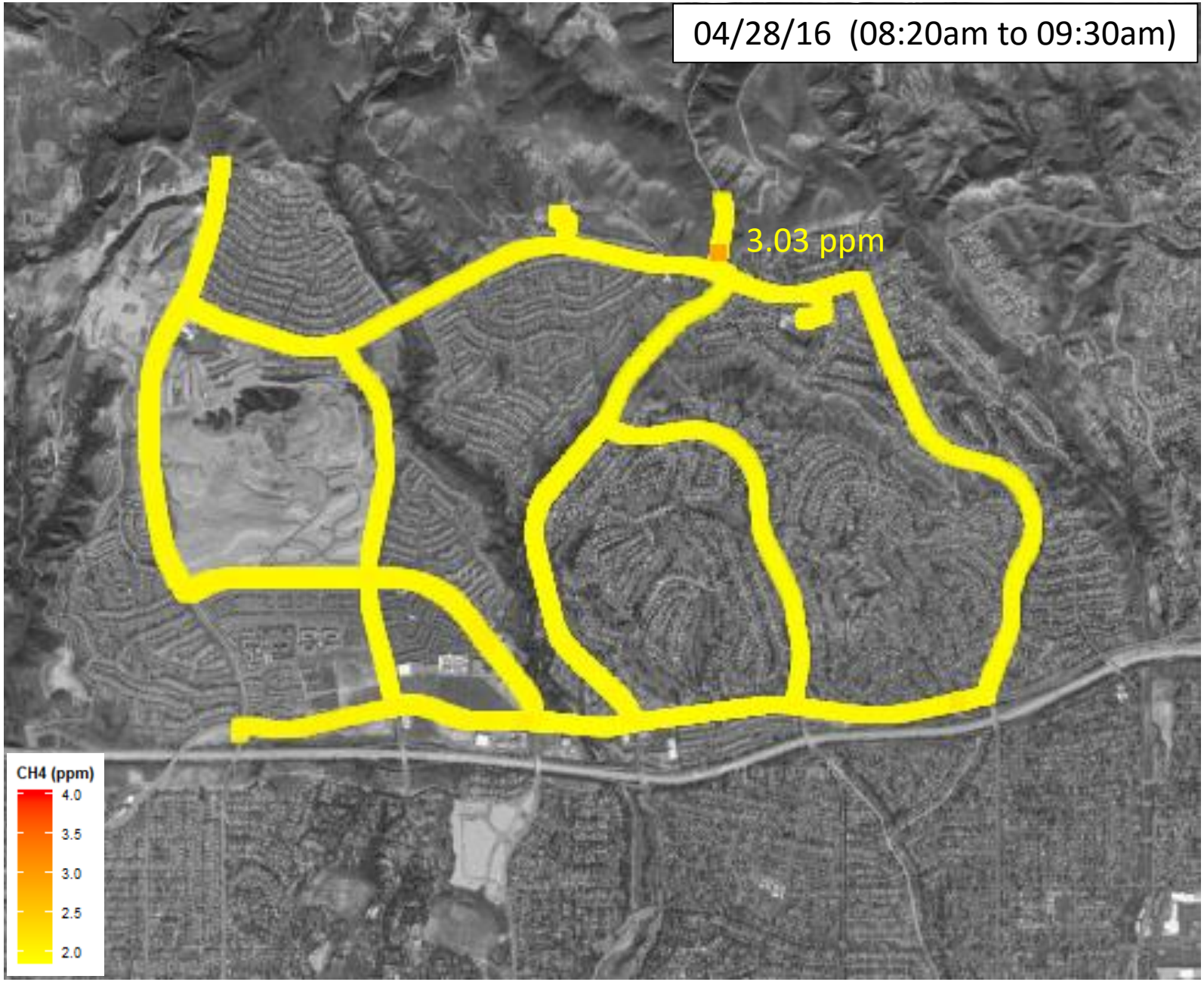

04/21/16 (10:55am to 12:10pm)
2.10 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

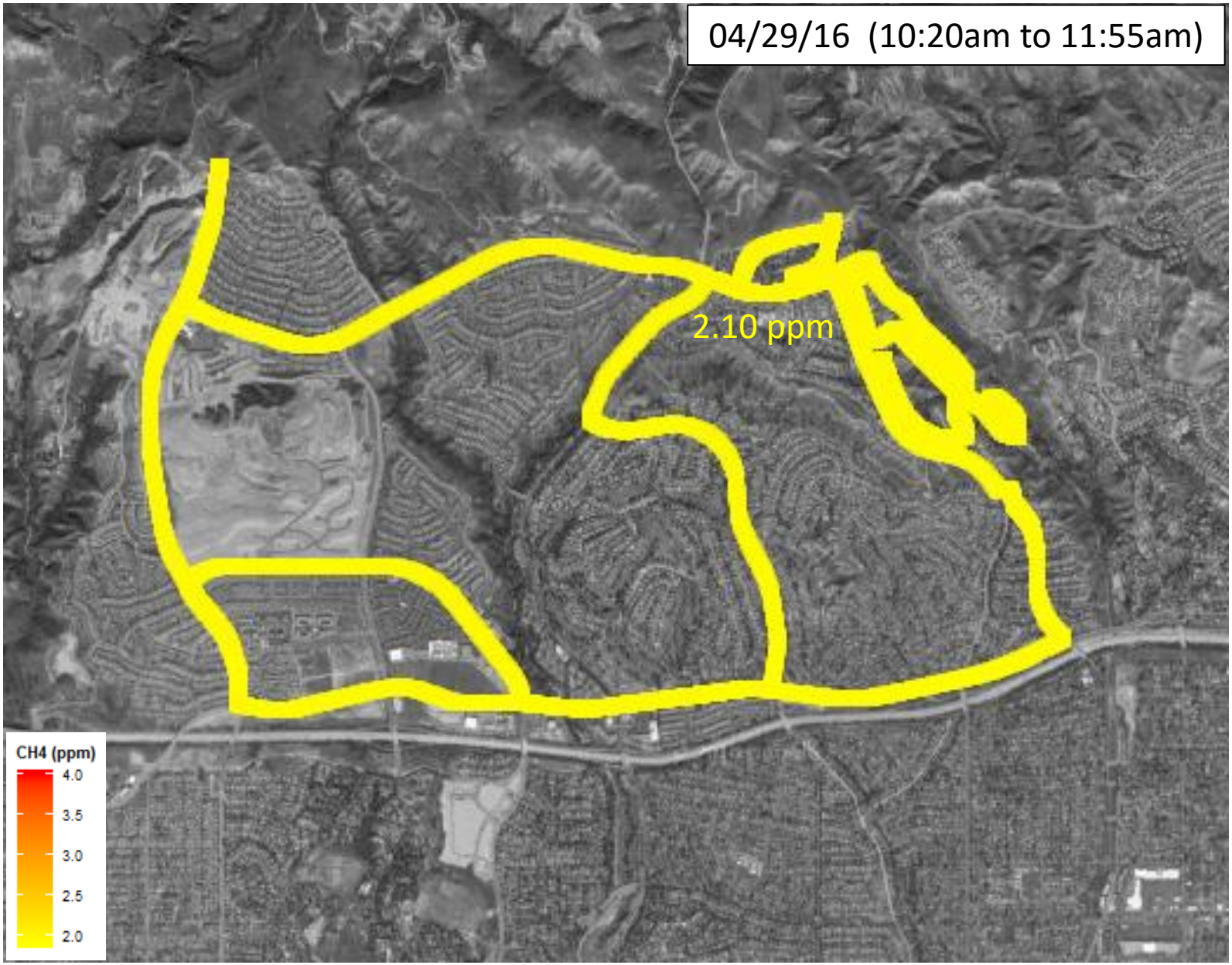

04/22/16 (12:20pm to 13:50pm)
2.15 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

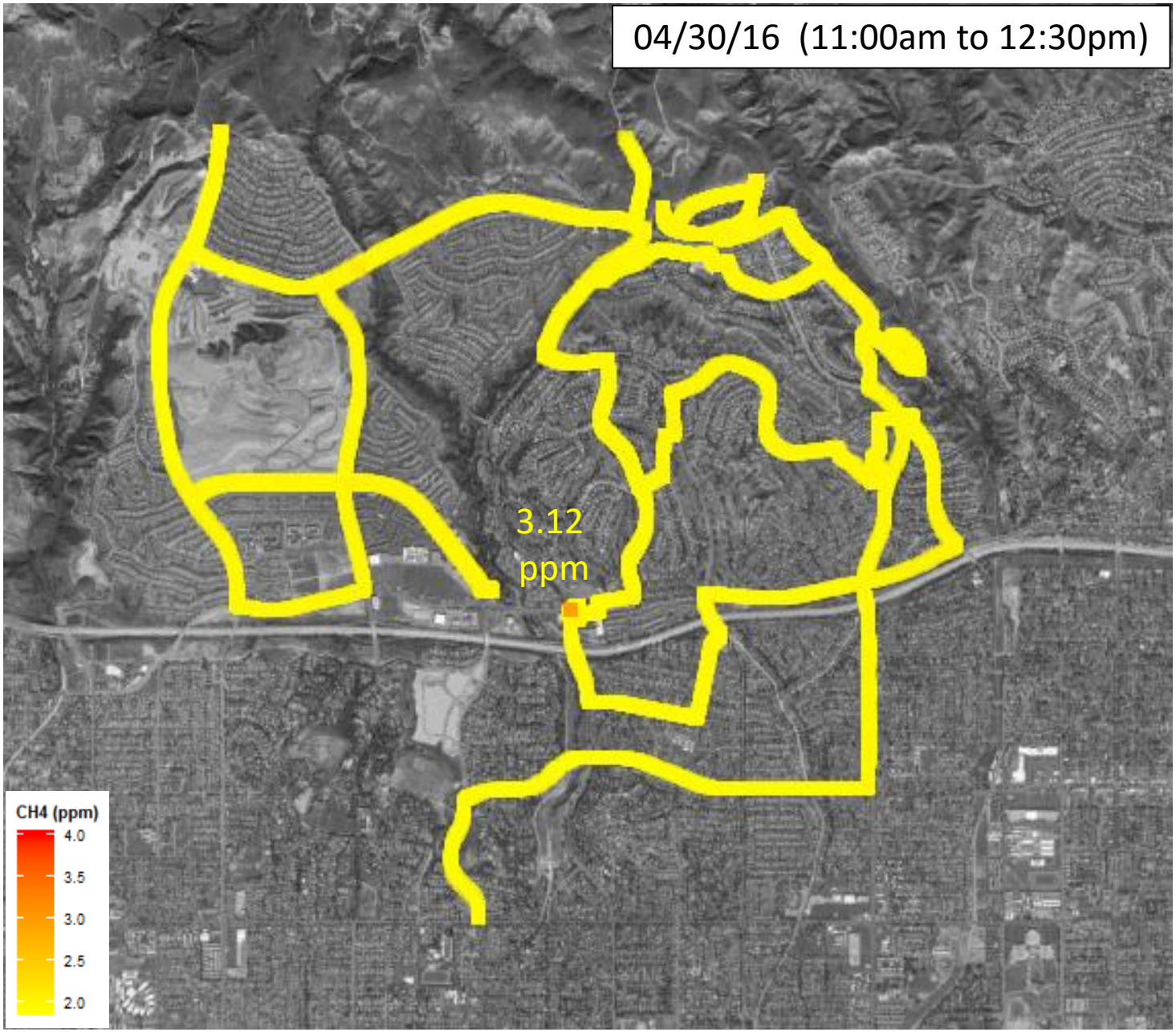

04/23/16 (13:20pm to 14:25pm)
2.33 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

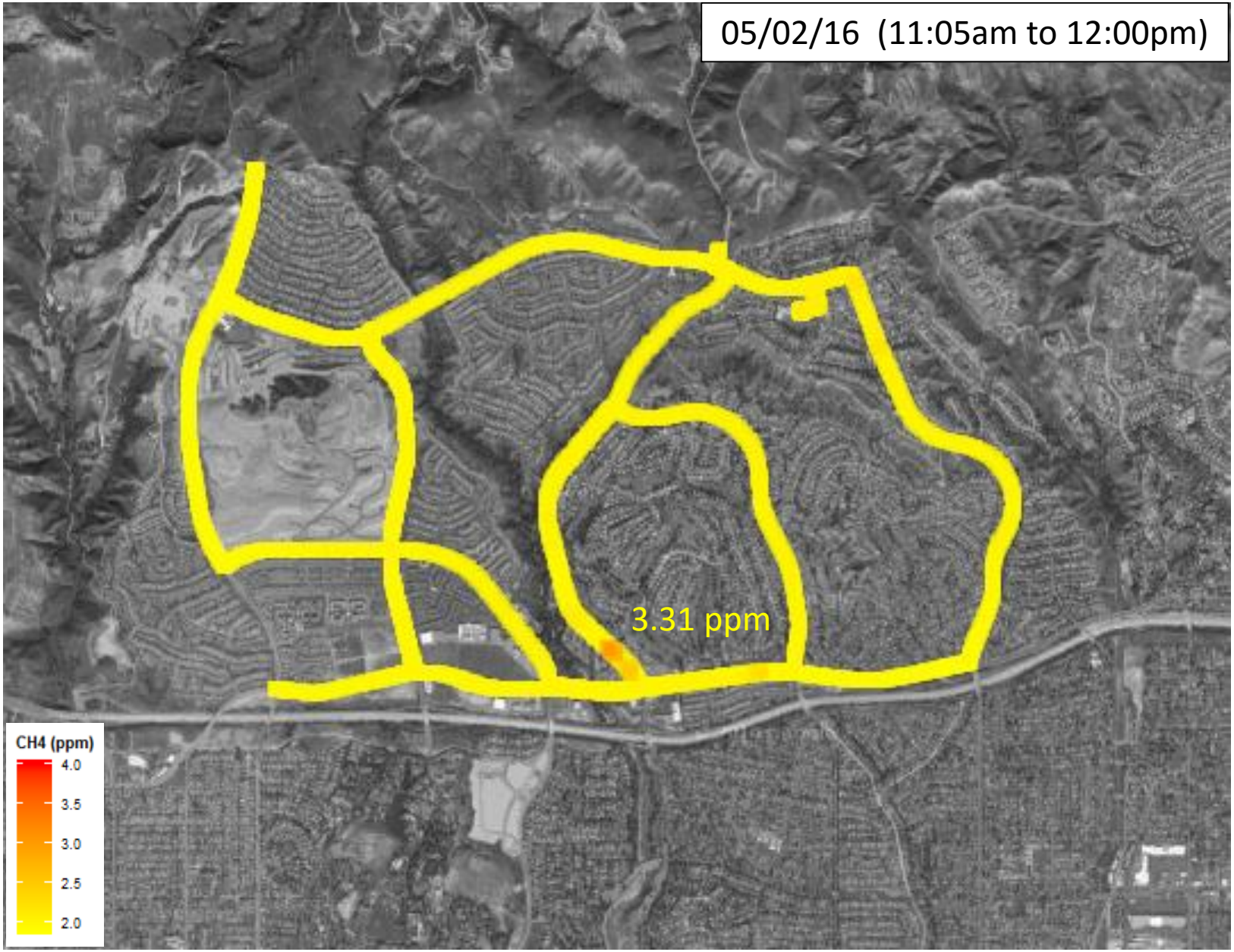

04/26/16 (07:50am to 08:50am)
2.68 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

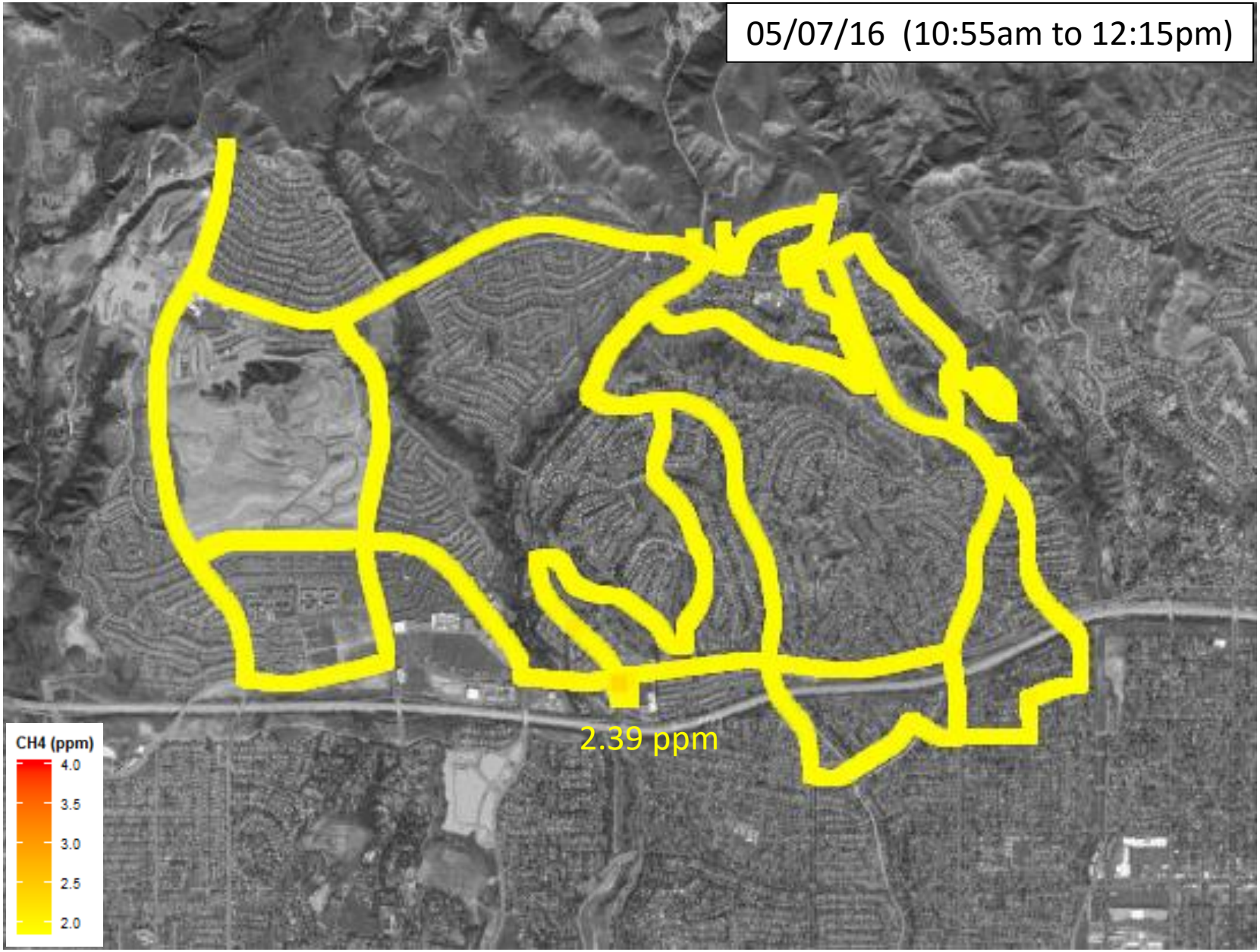

04/27/16 (11:30am to 12:25pm)
2.23 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

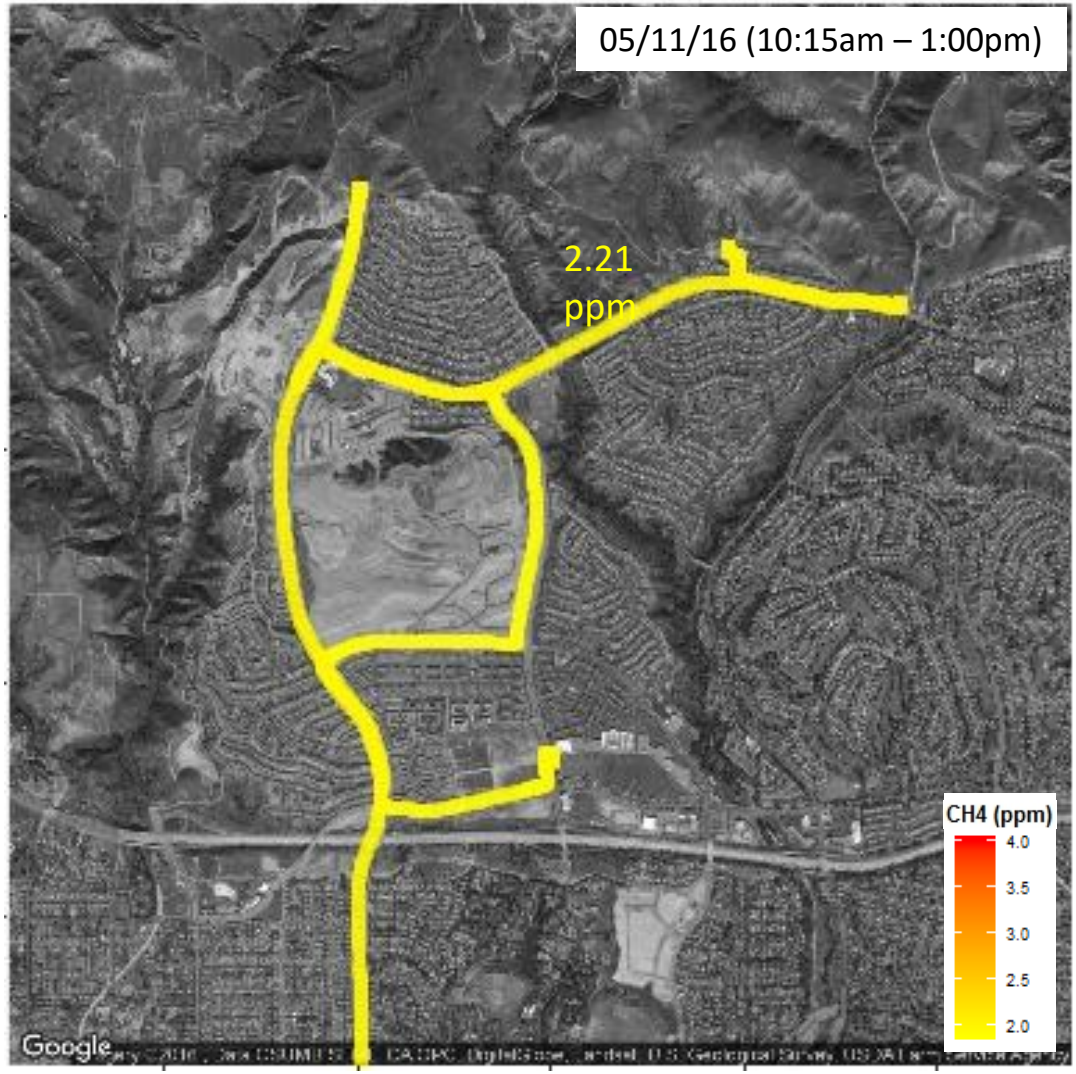

04/28/16 (08:20am to 09:30am)
3.03 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

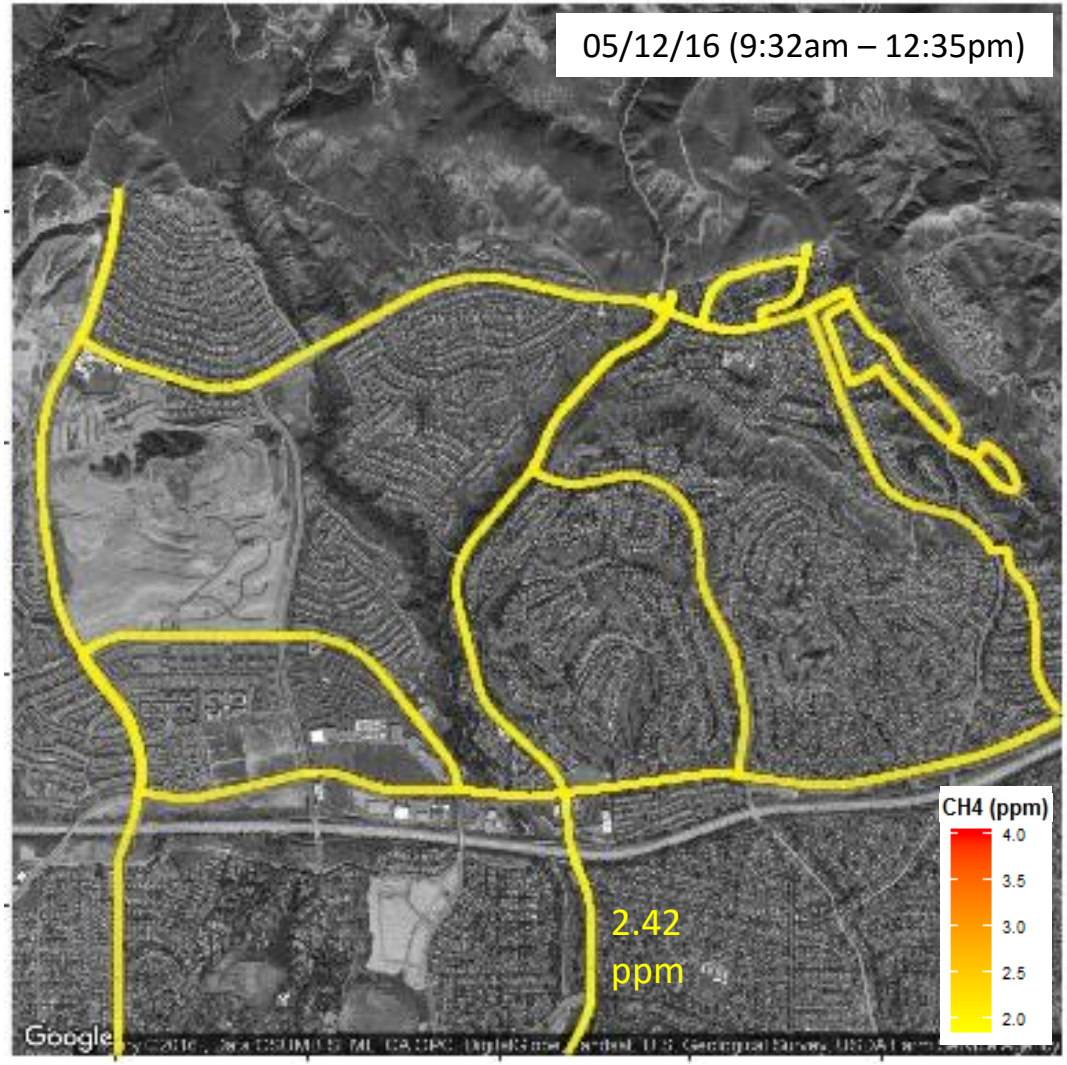

04/29/16 (10:20am to 11:55am)
2.10 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

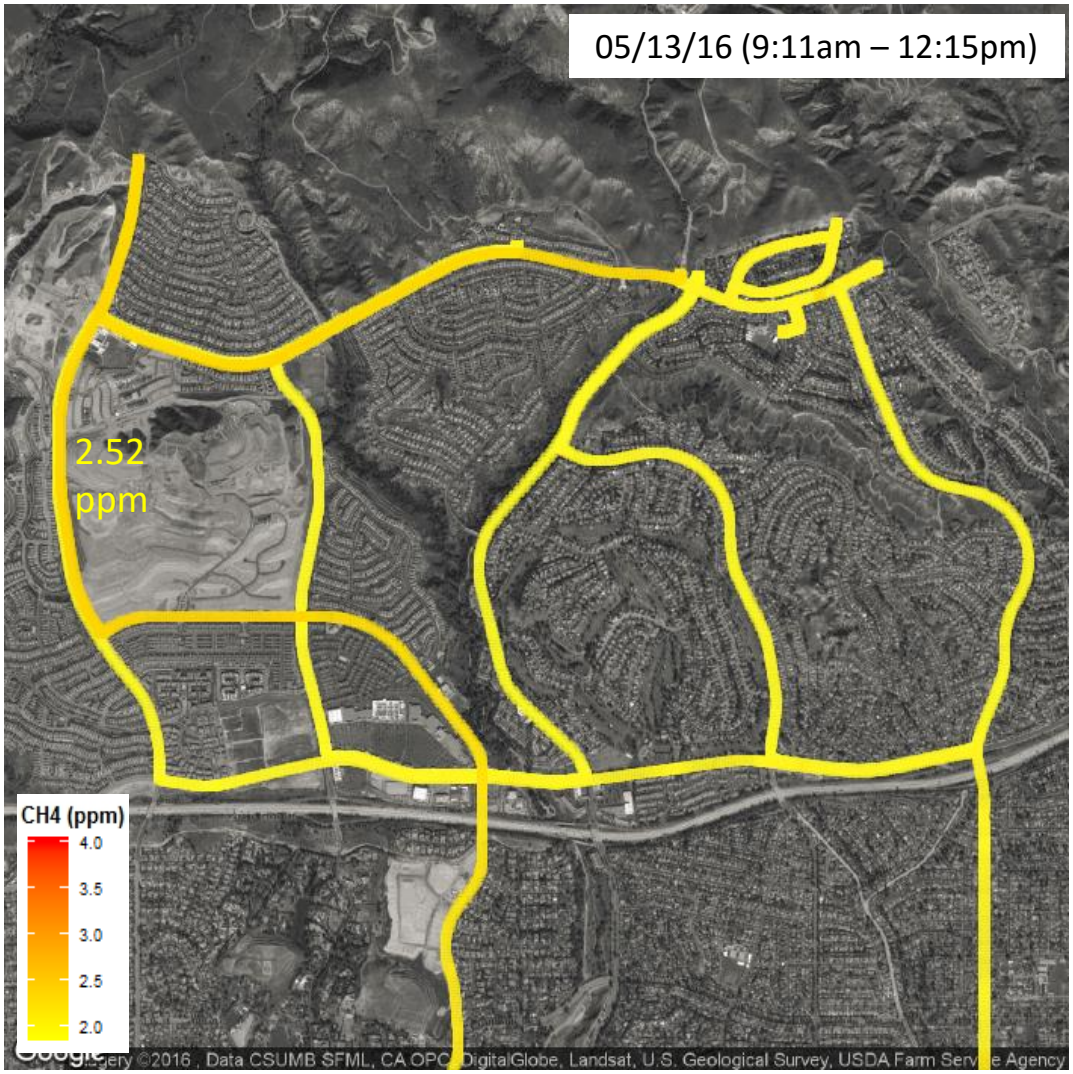

04/30/16 (11:00am to 12:30pm)
3.12
ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0


05/02/16 (11:05am to 12:00pm)
3.31 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0


05/07/16 (10:55am to 12:15pm)
2.39 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0


05/11/16 (10:15am – 1:00pm)
2.21
ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
Google


05/12/16 (9:32am – 12:35pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.42
ppm
Google


05/13/16 (9:11am – 12:15pm)
2.52
ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
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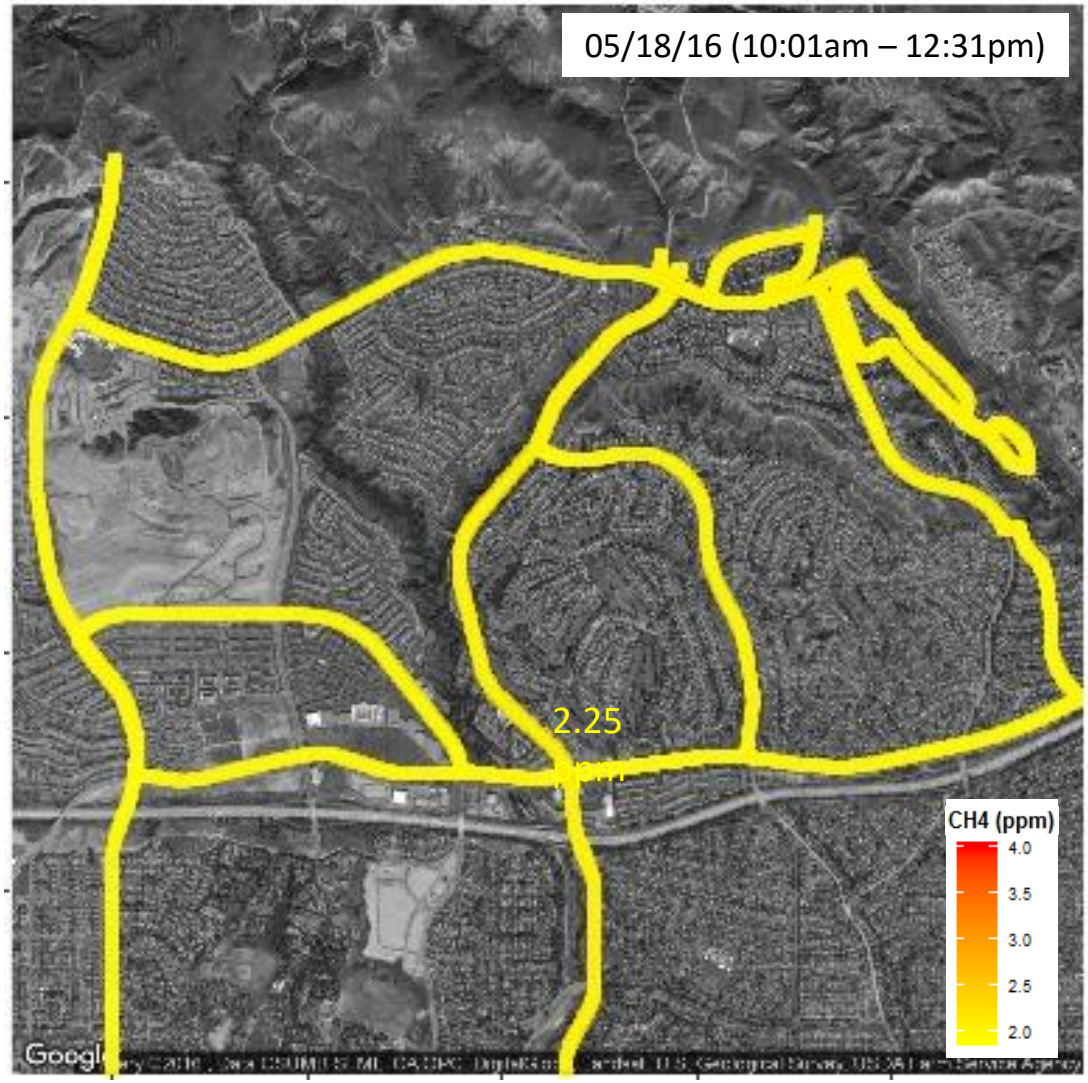
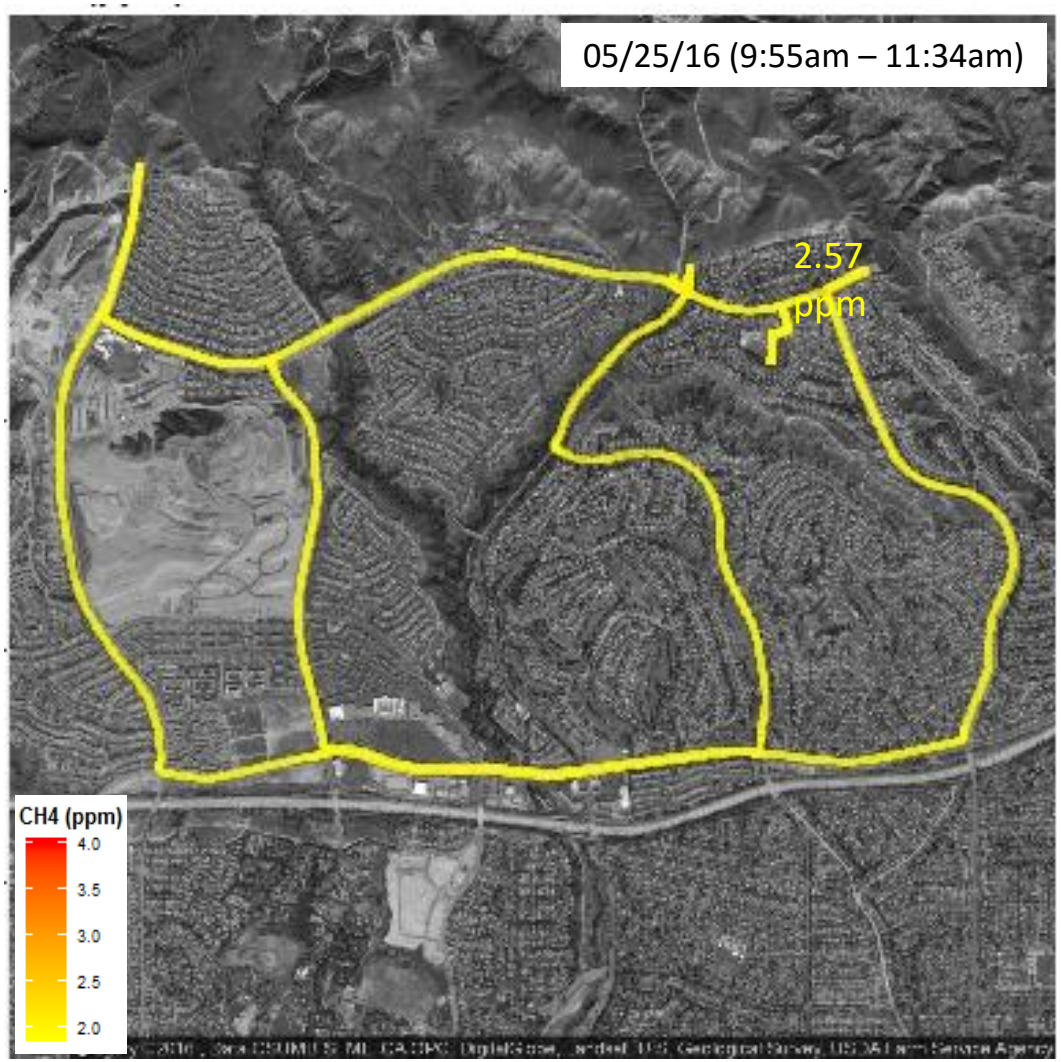
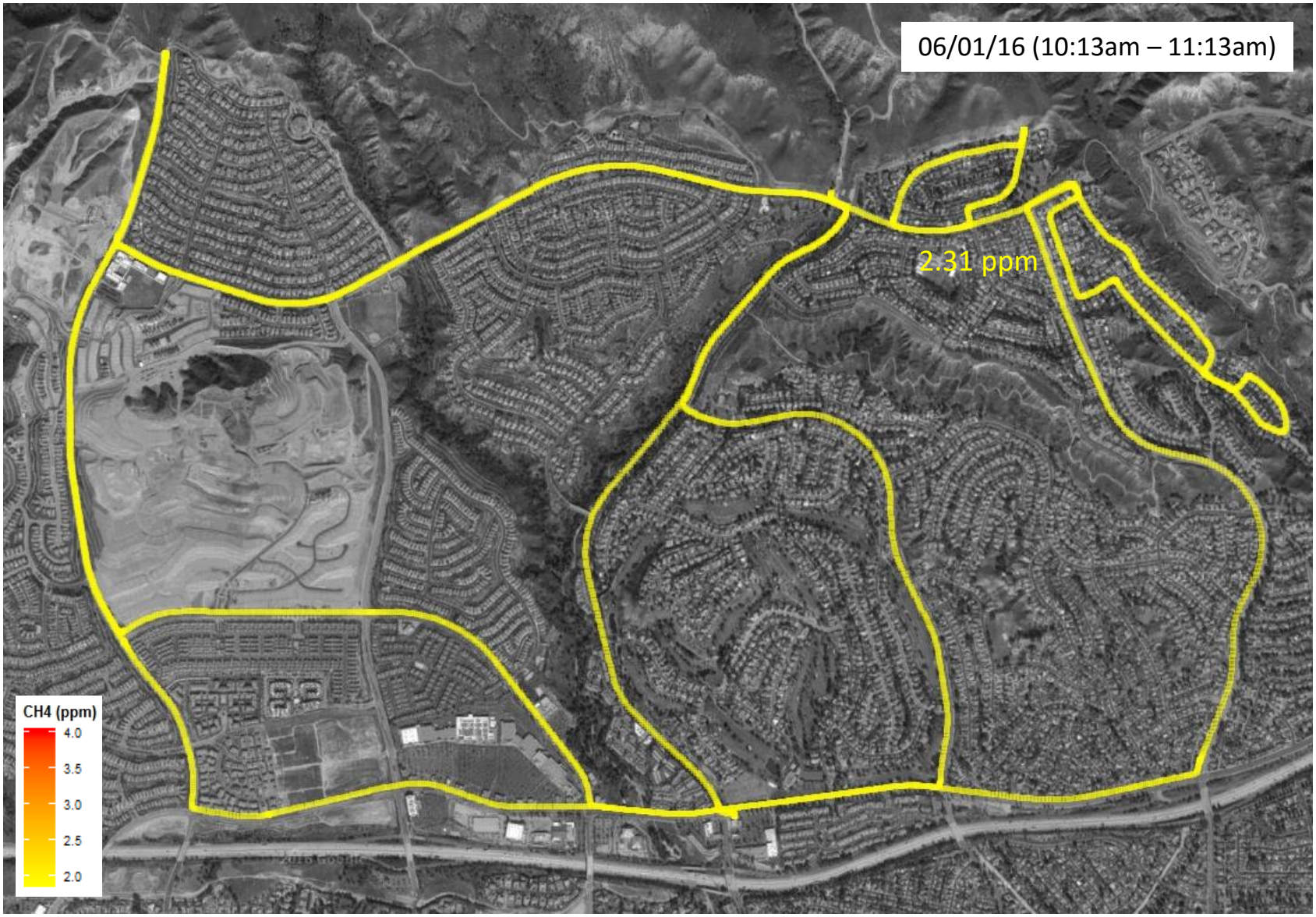
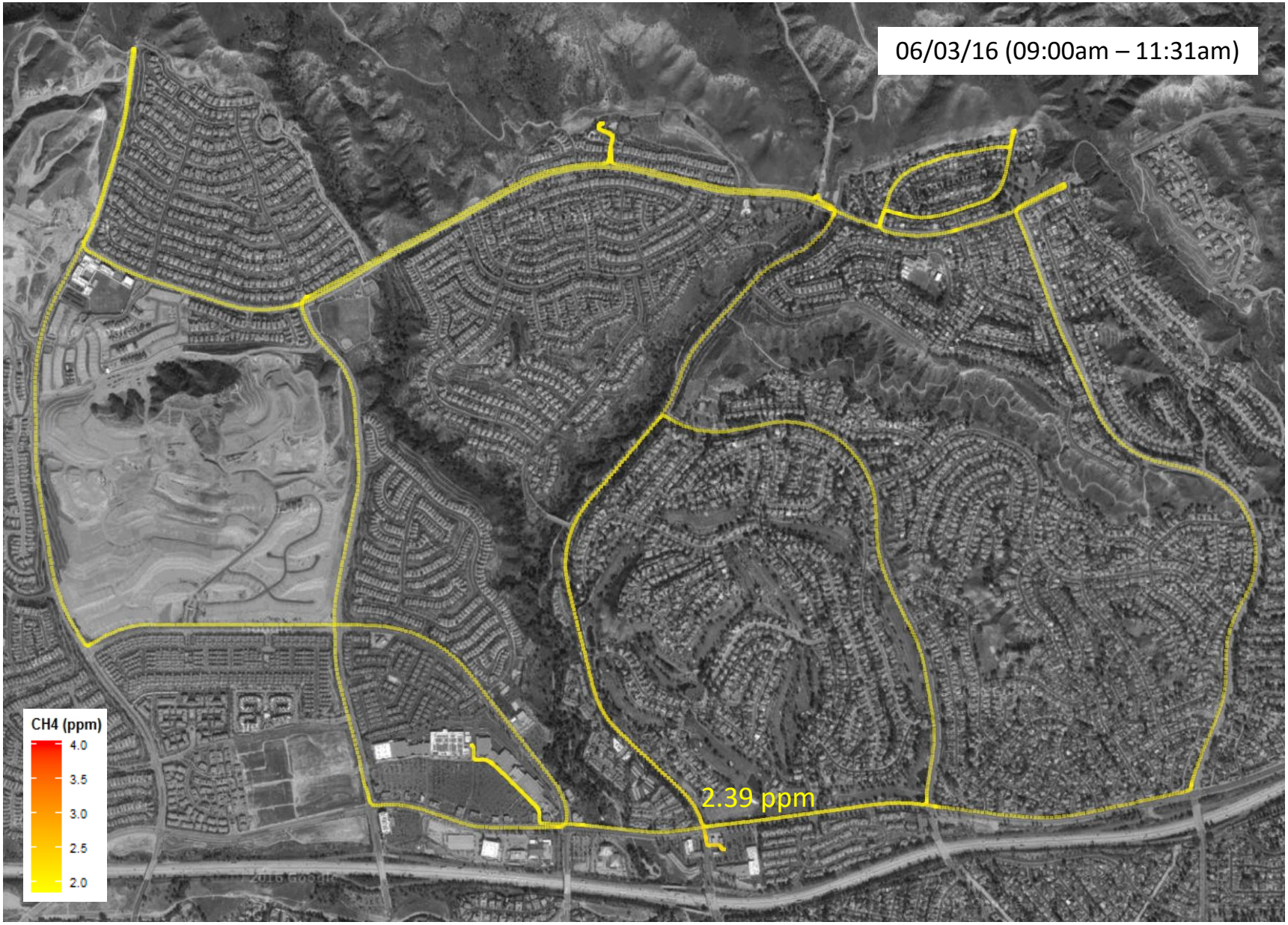
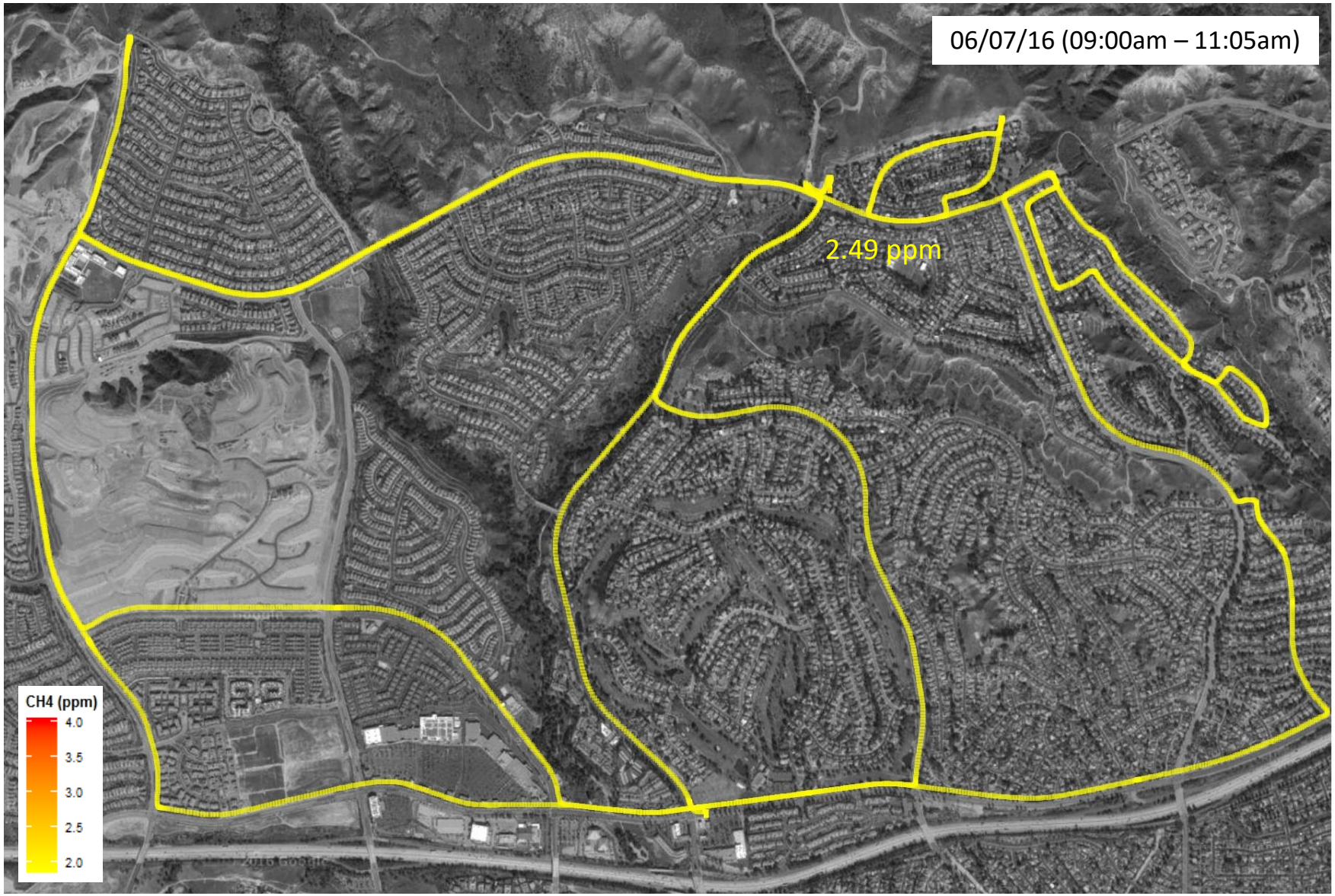
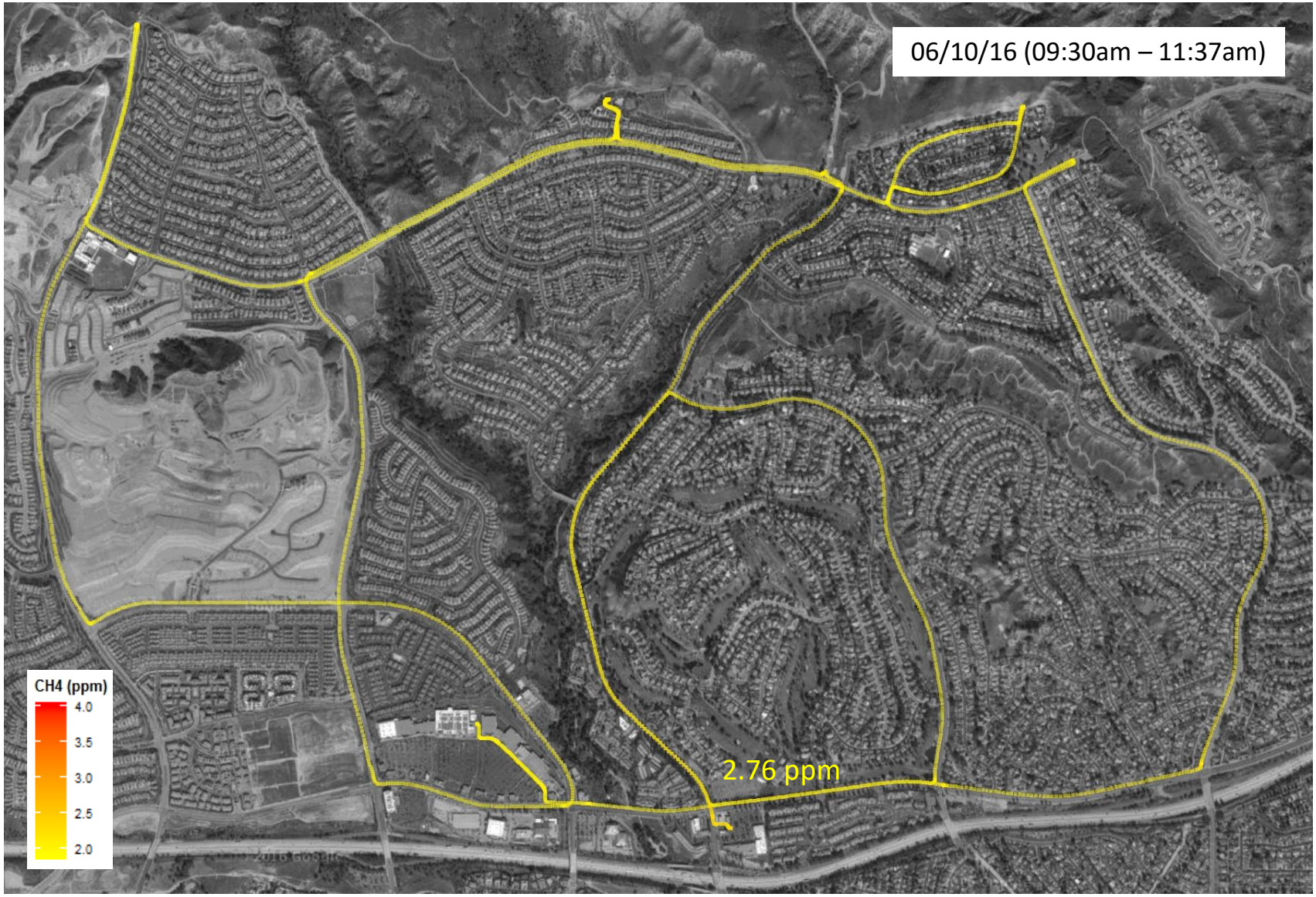

05/18/16 (10:01am – 12:31pm)
2.25
ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

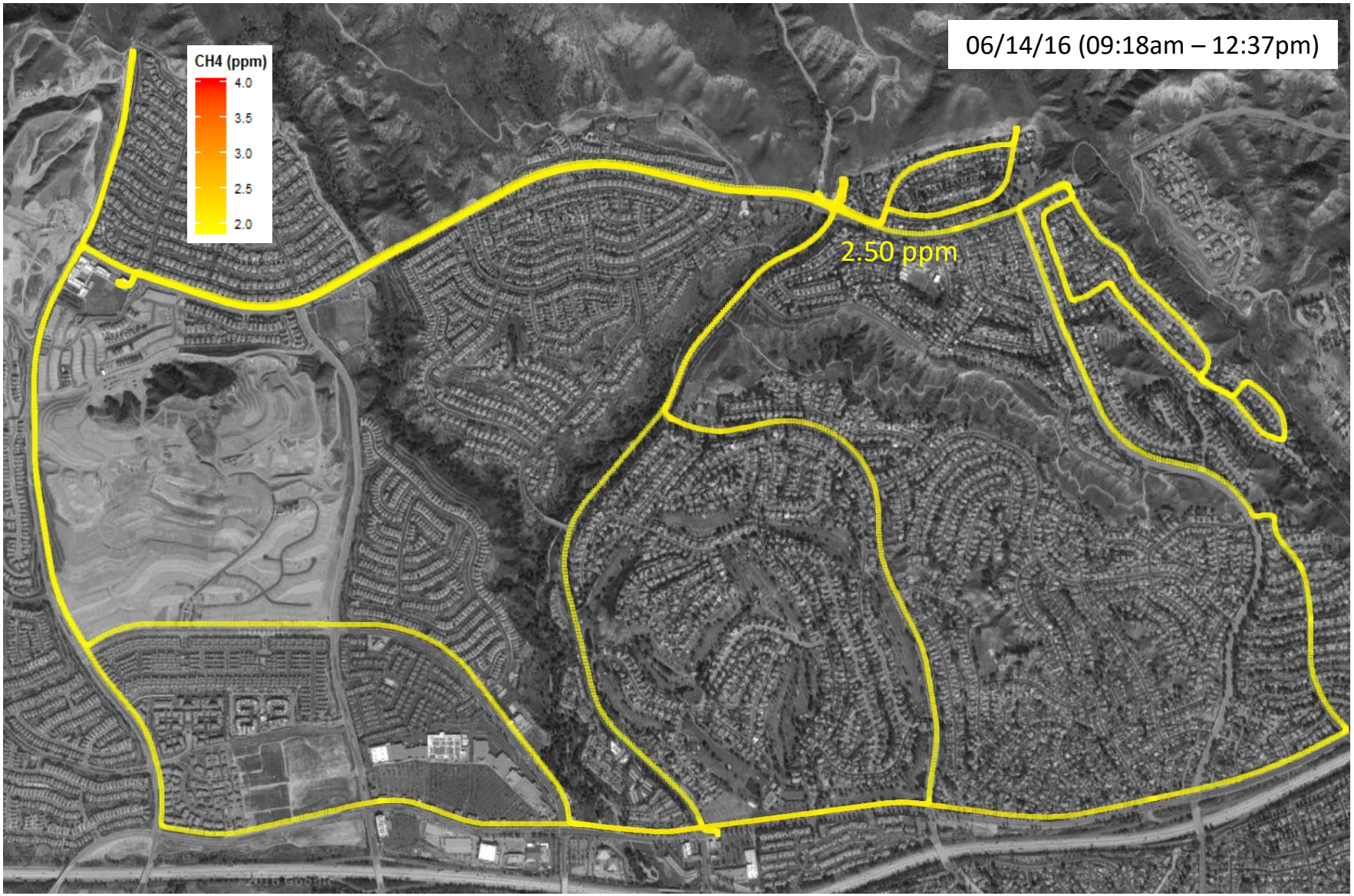

05/25/16 (9:55am – 11:34am)
2.57 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

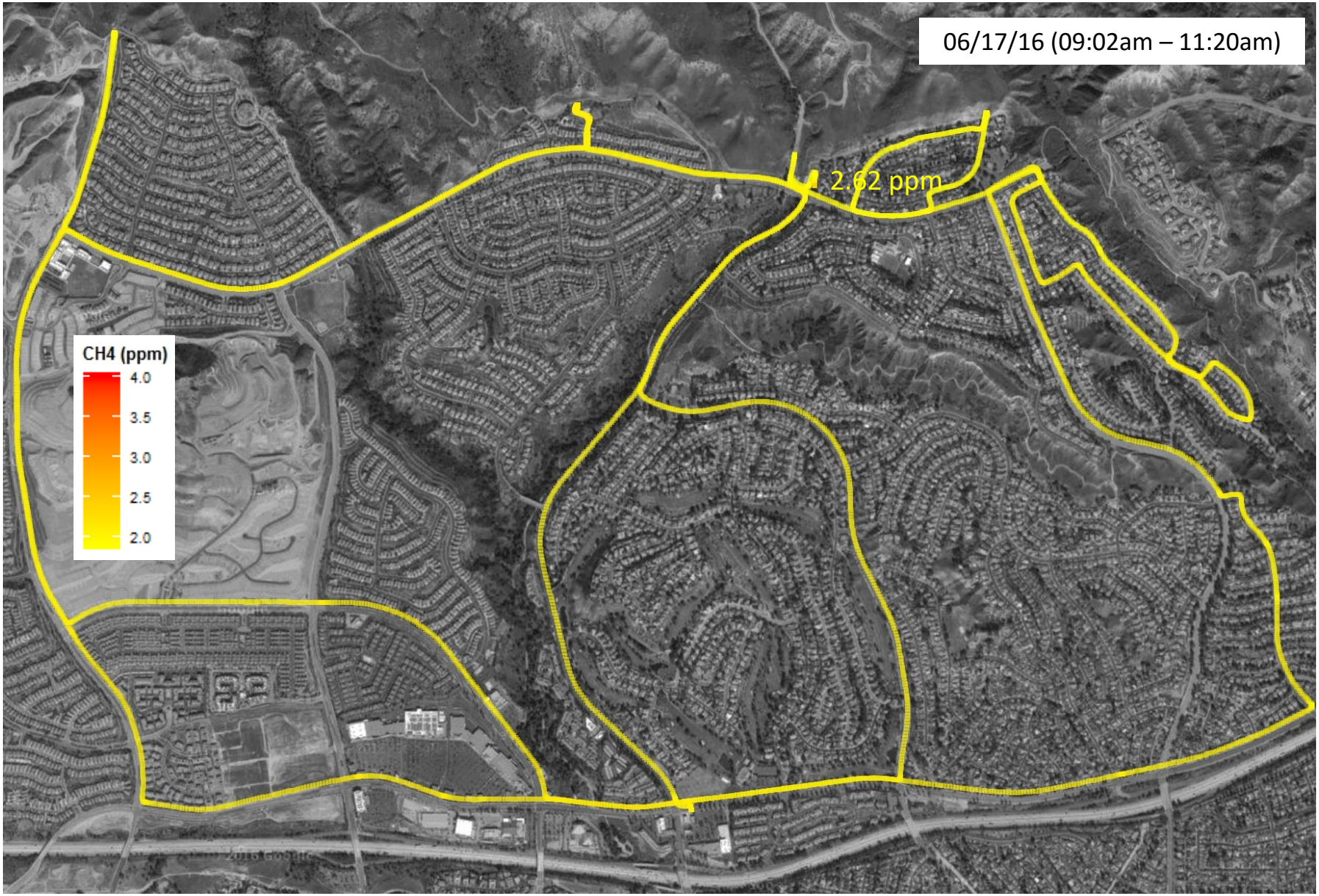

06/01/16 (10:13am – 11:13am)
2.31 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

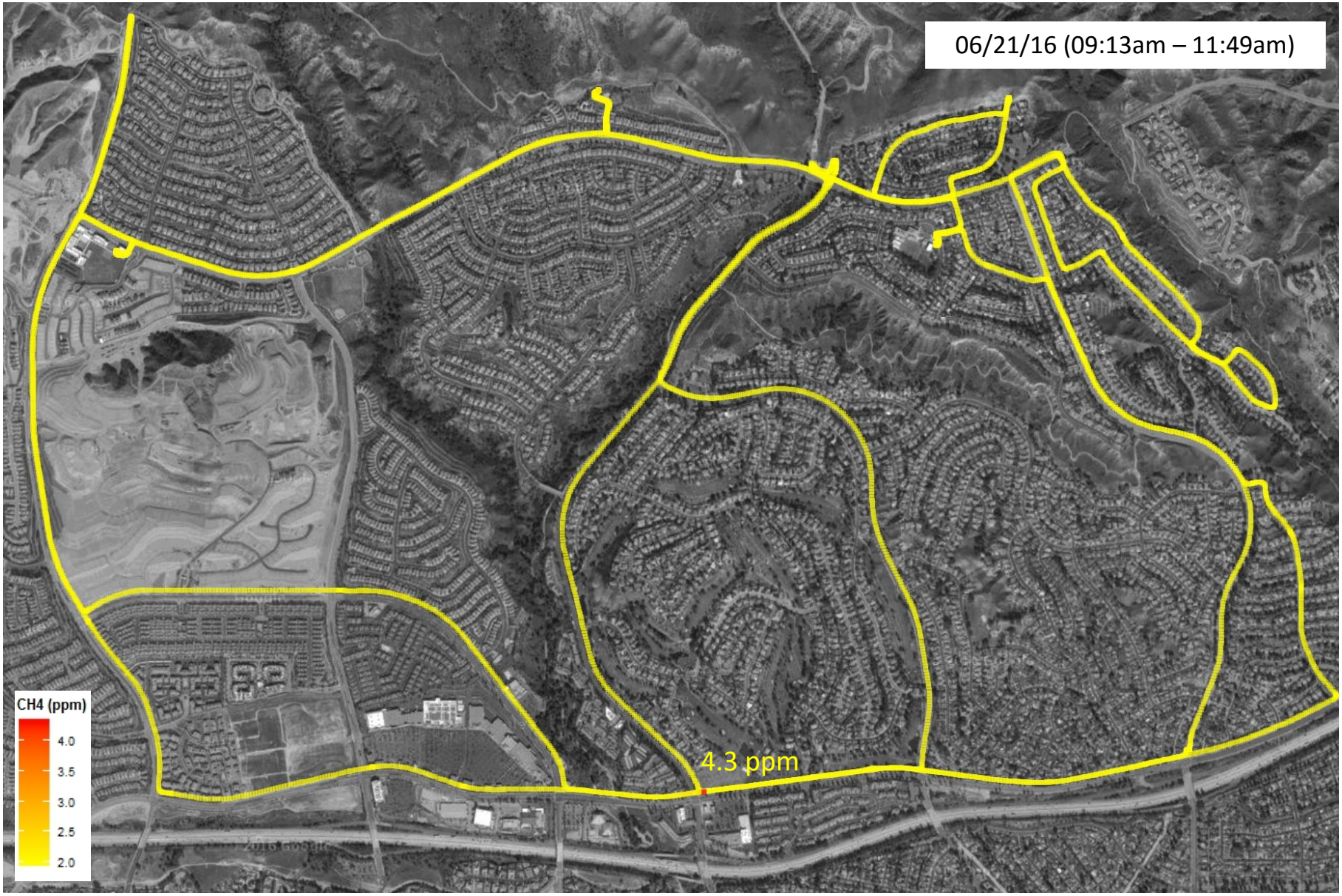

06/03/16 (09:00am – 11:31am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.39 ppm

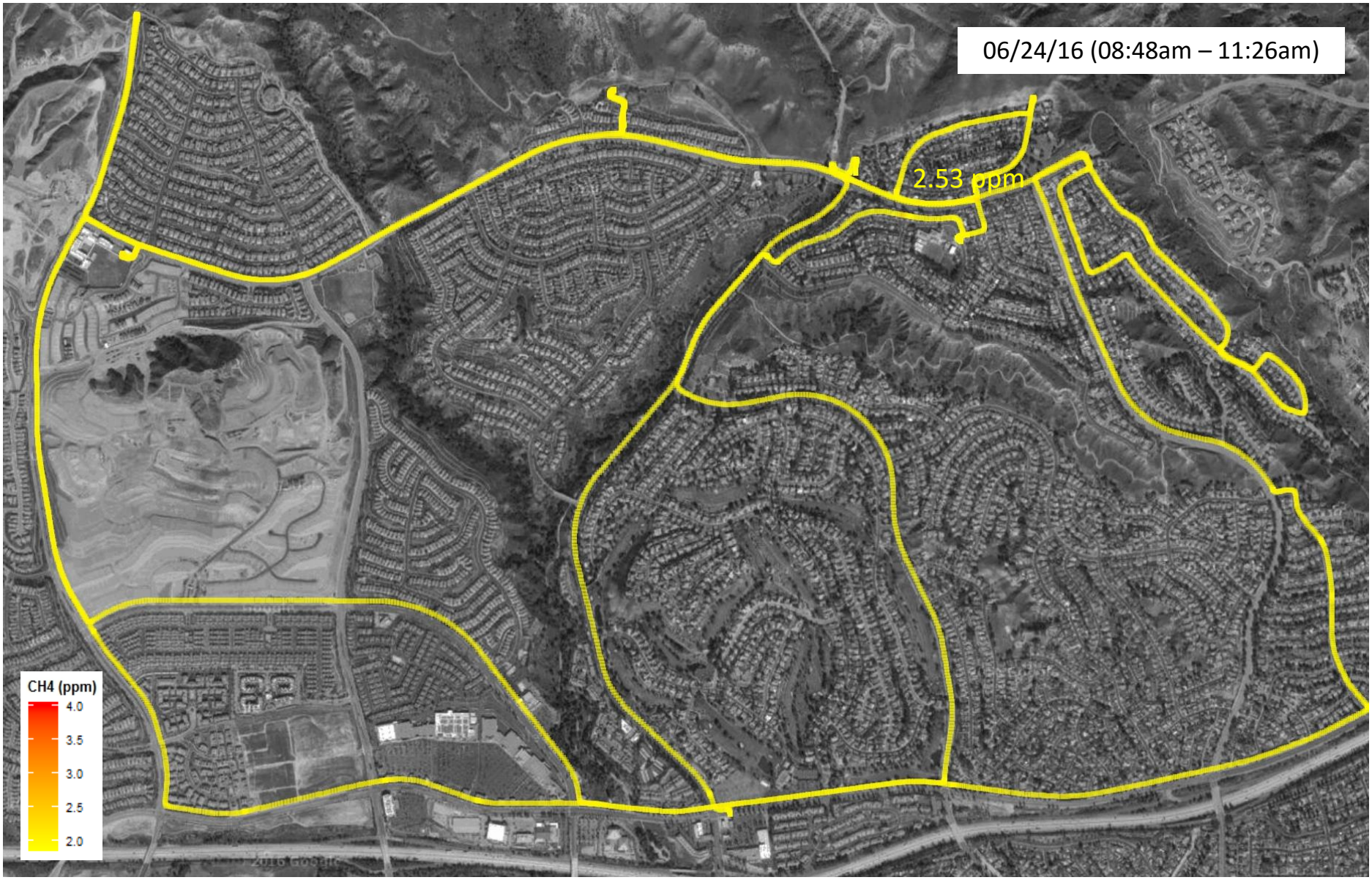

06/07/16 (09:00am – 11:05am)
2.49 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

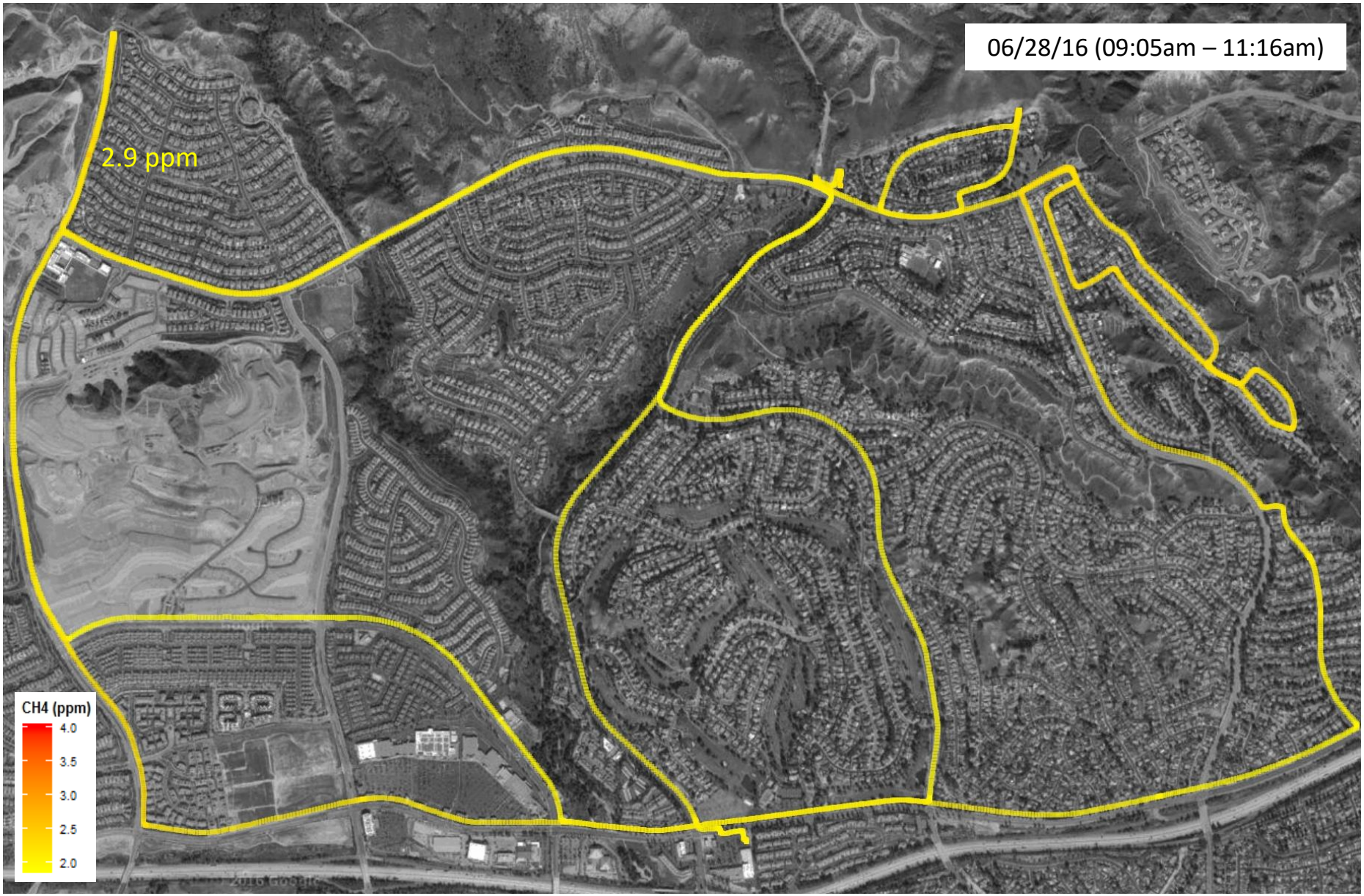

06/10/16 (09:30am – 11:37am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.76 ppm

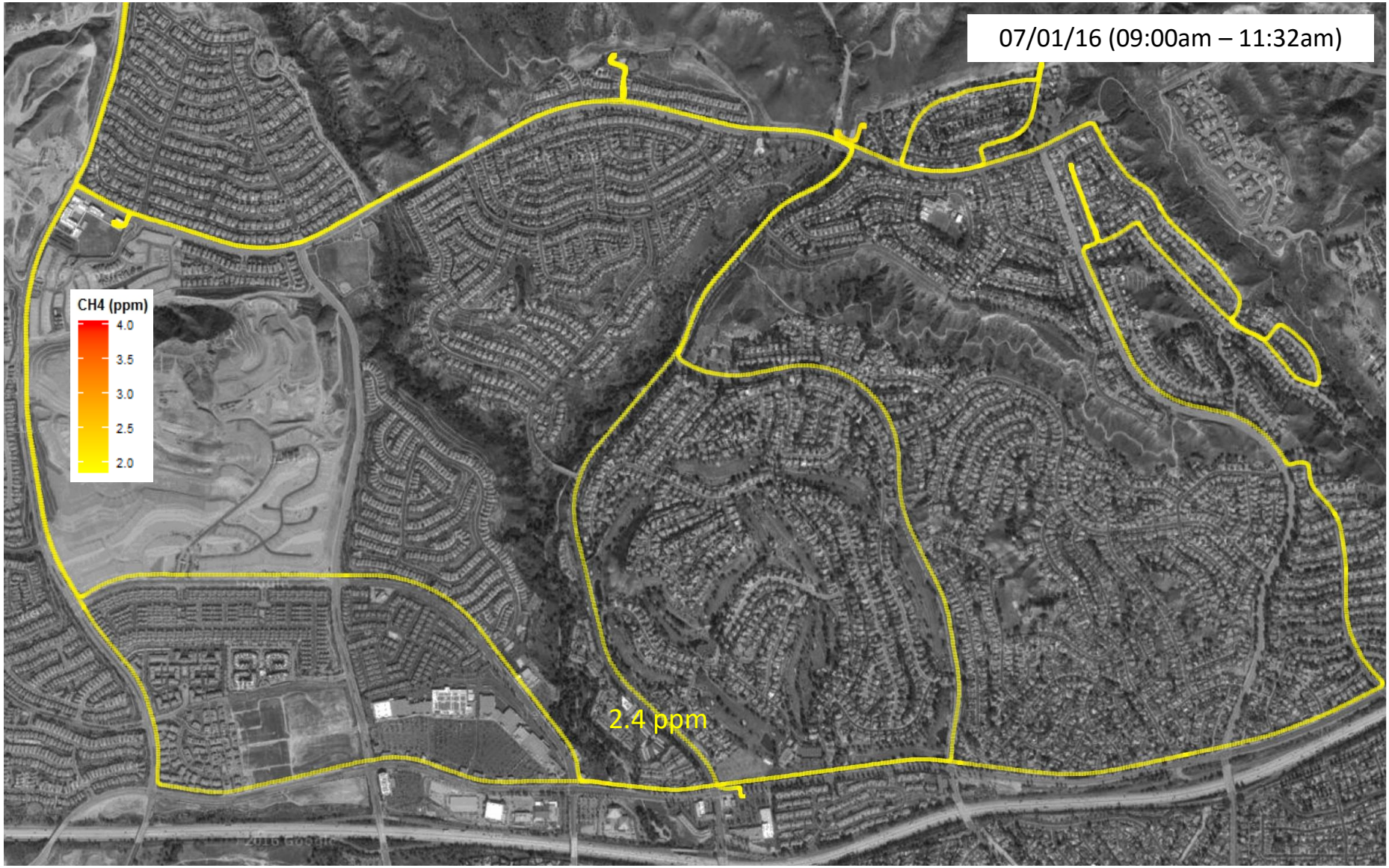

06/14/16 (09:18am – 12:37pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.50 ppm

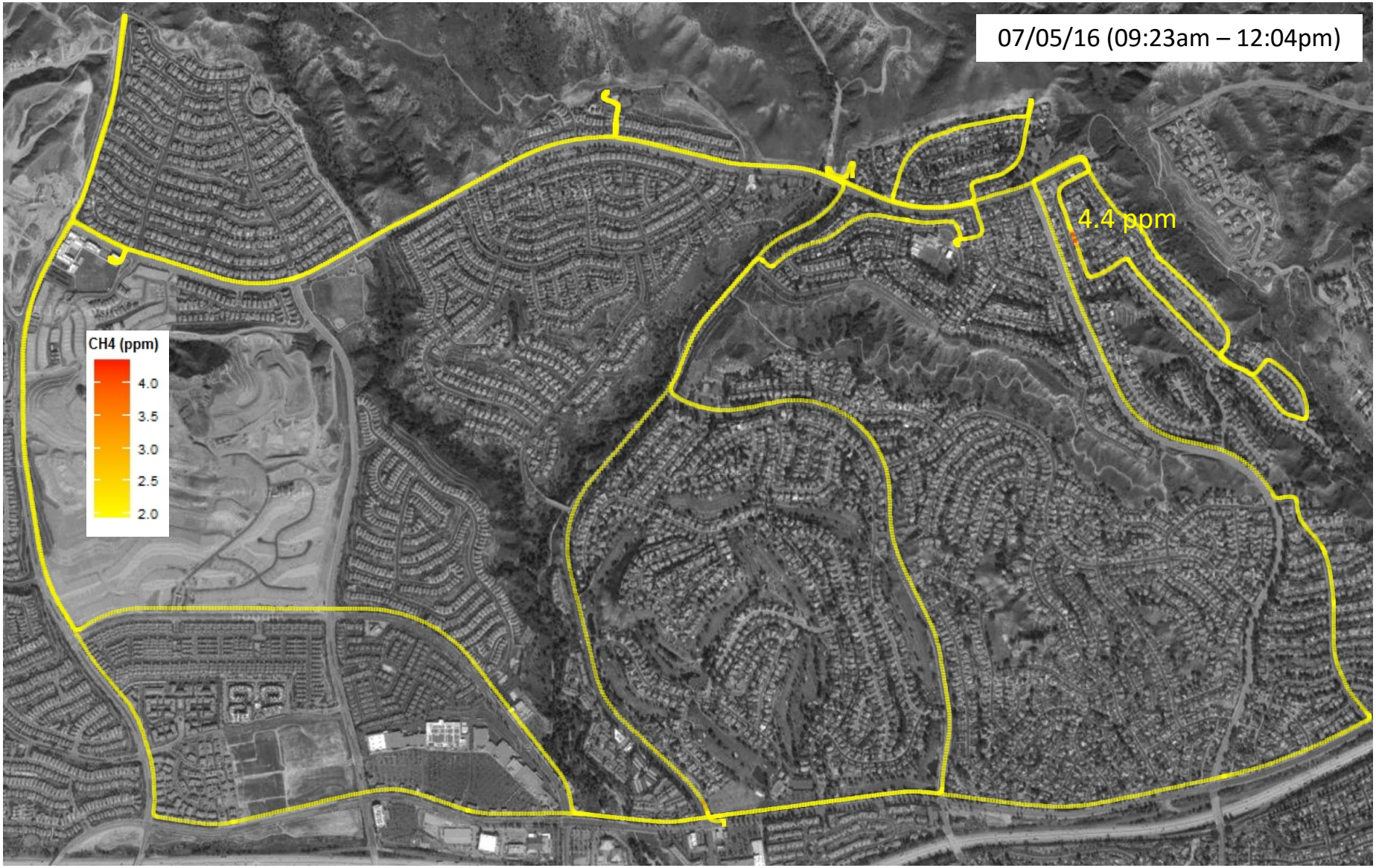

06/17/16 (09:02am – 11:20am)
2.62 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

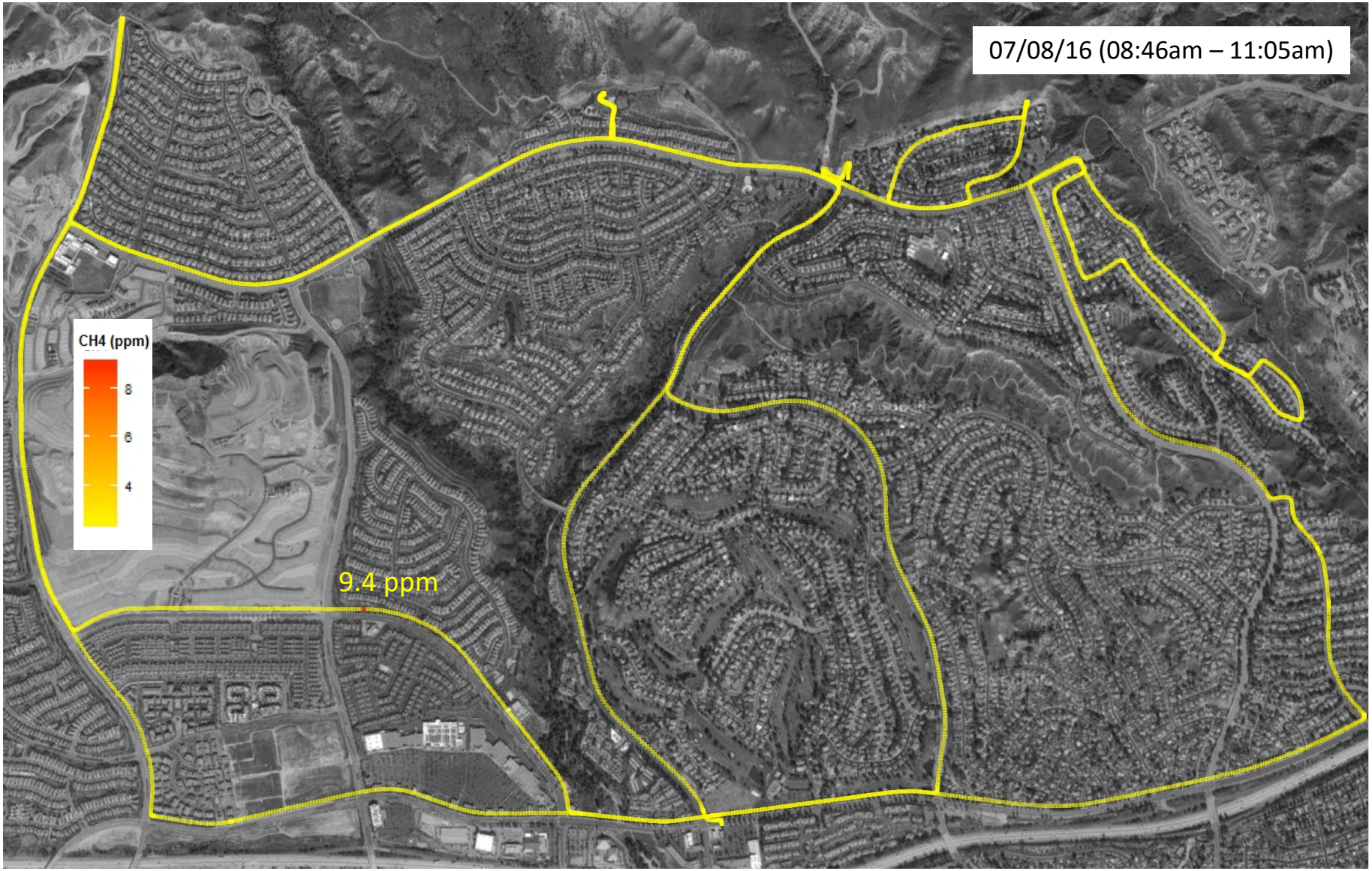

06/21/16 (09:13am – 11:49am)
4.3 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

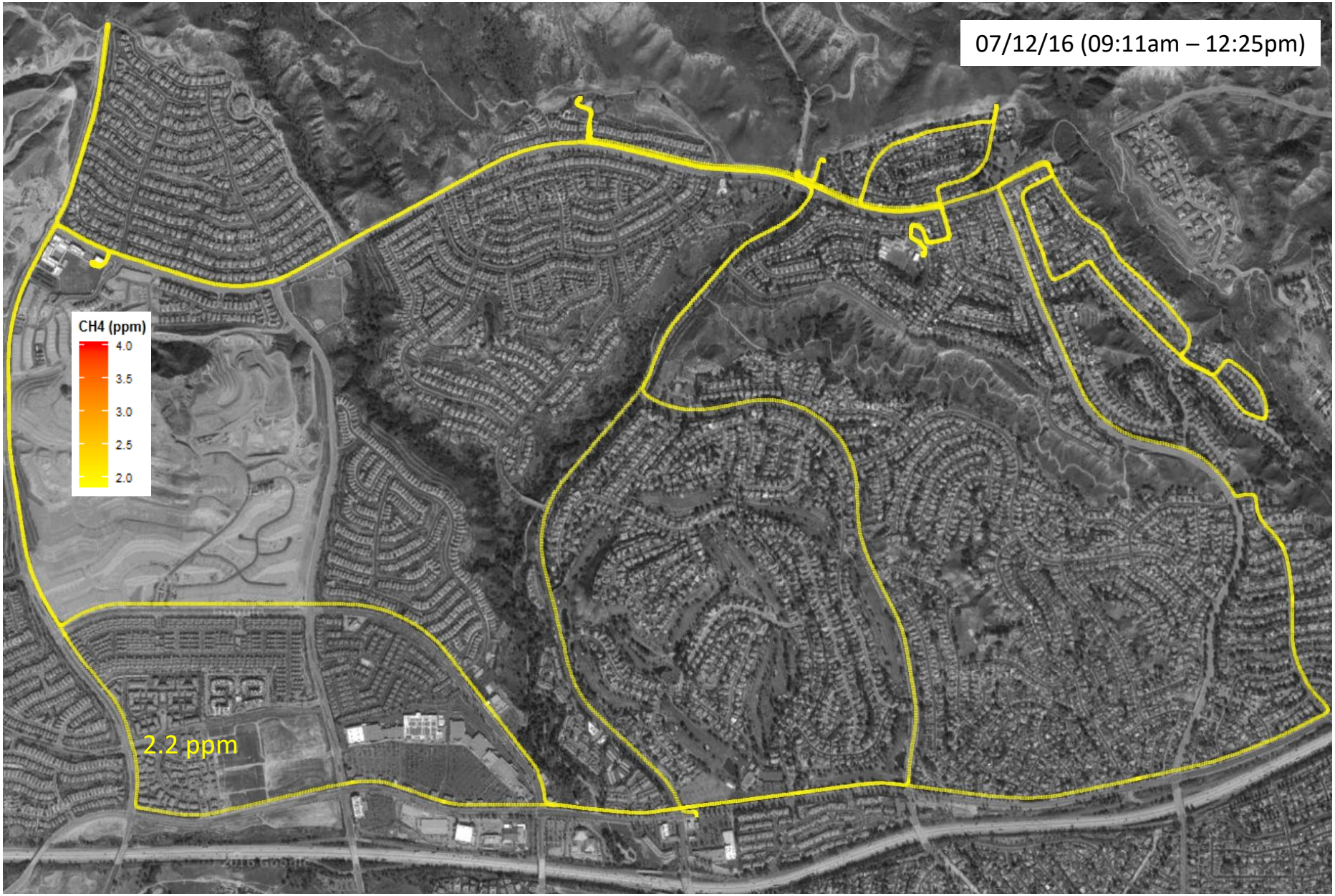

06/24/16 (08:48am – 11:26am)
2.53 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

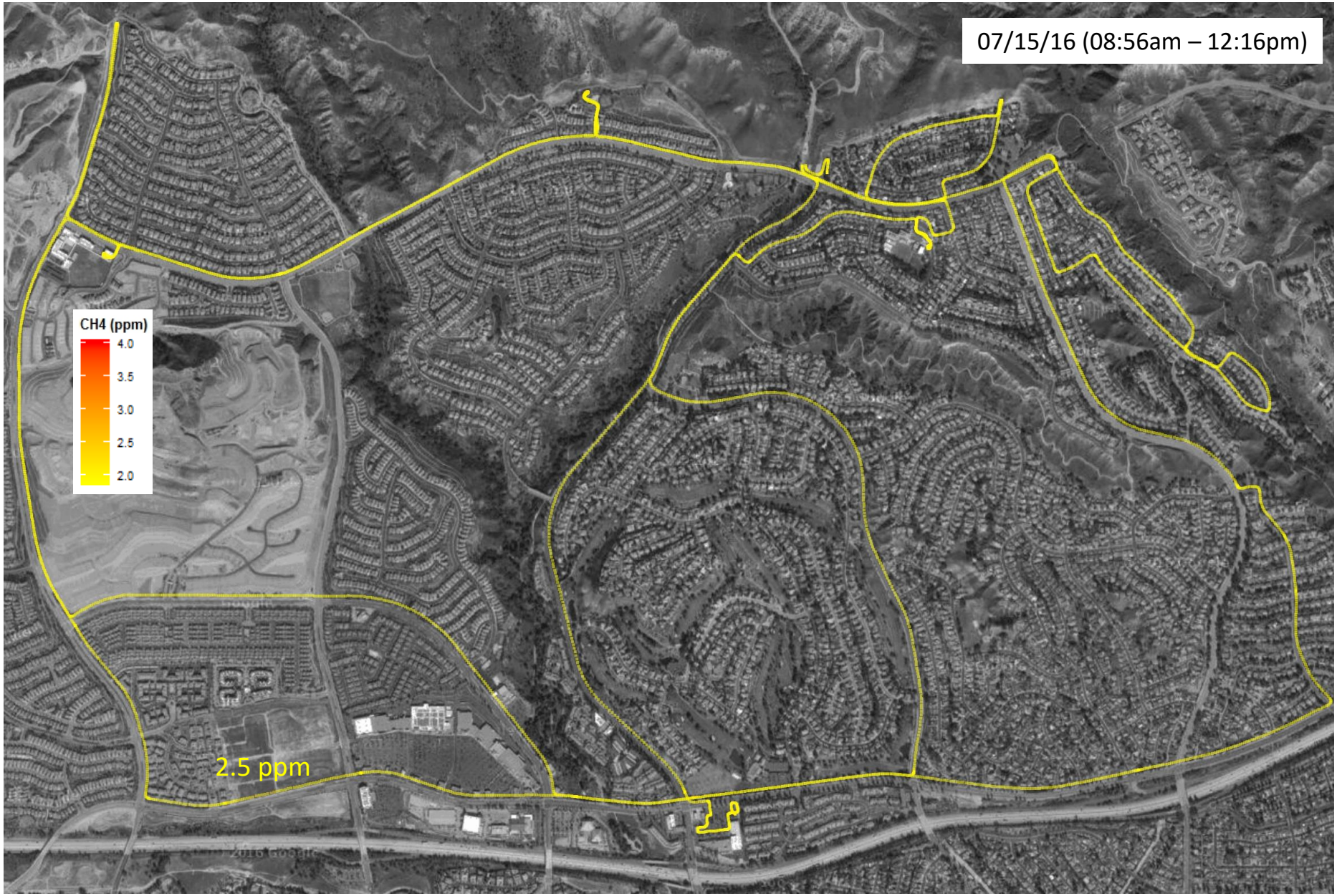

06/28/16 (09:05am – 11:16am)
2.9 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

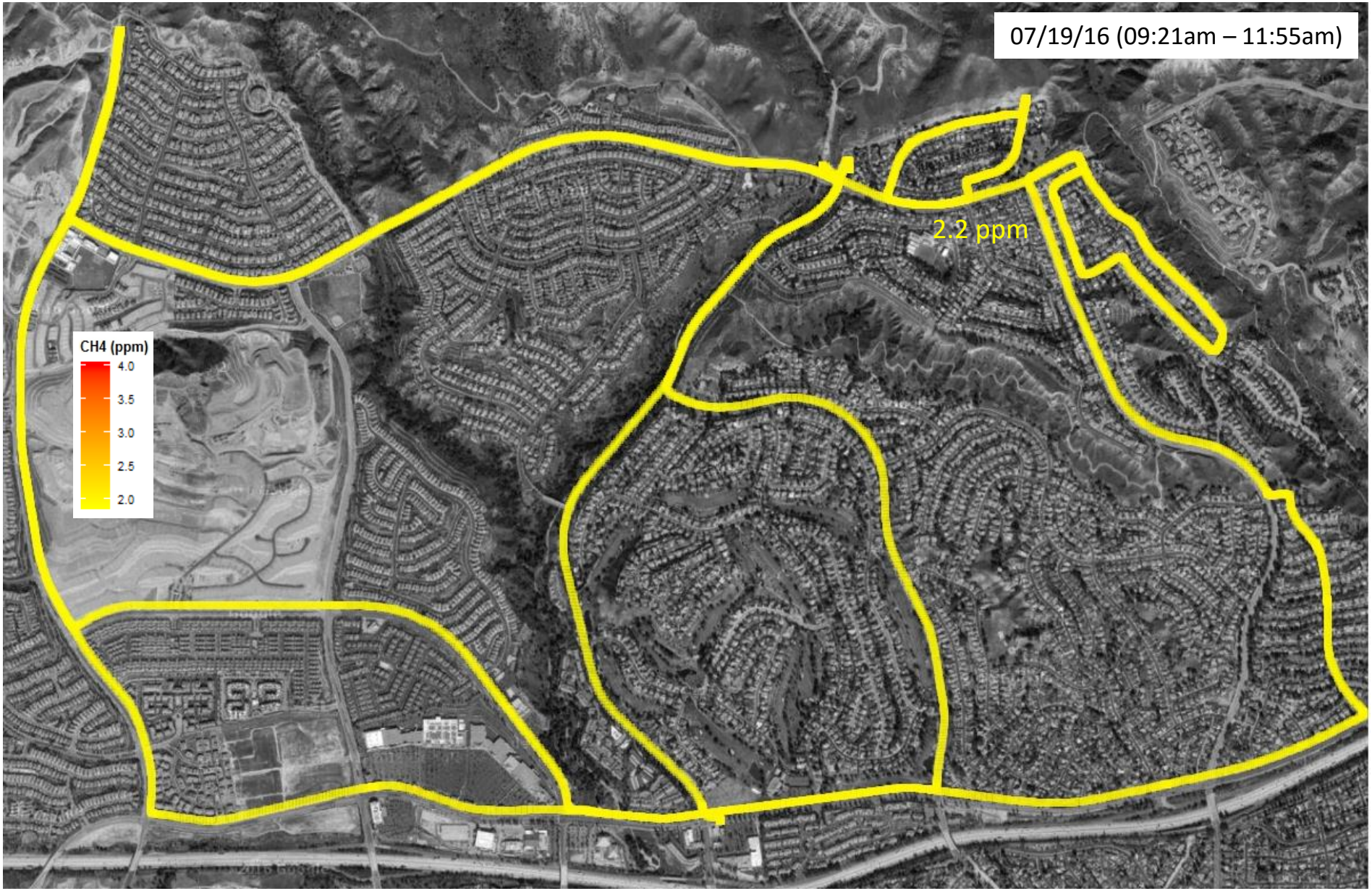

07/01/16 (09:00am – 11:32am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.4 ppm

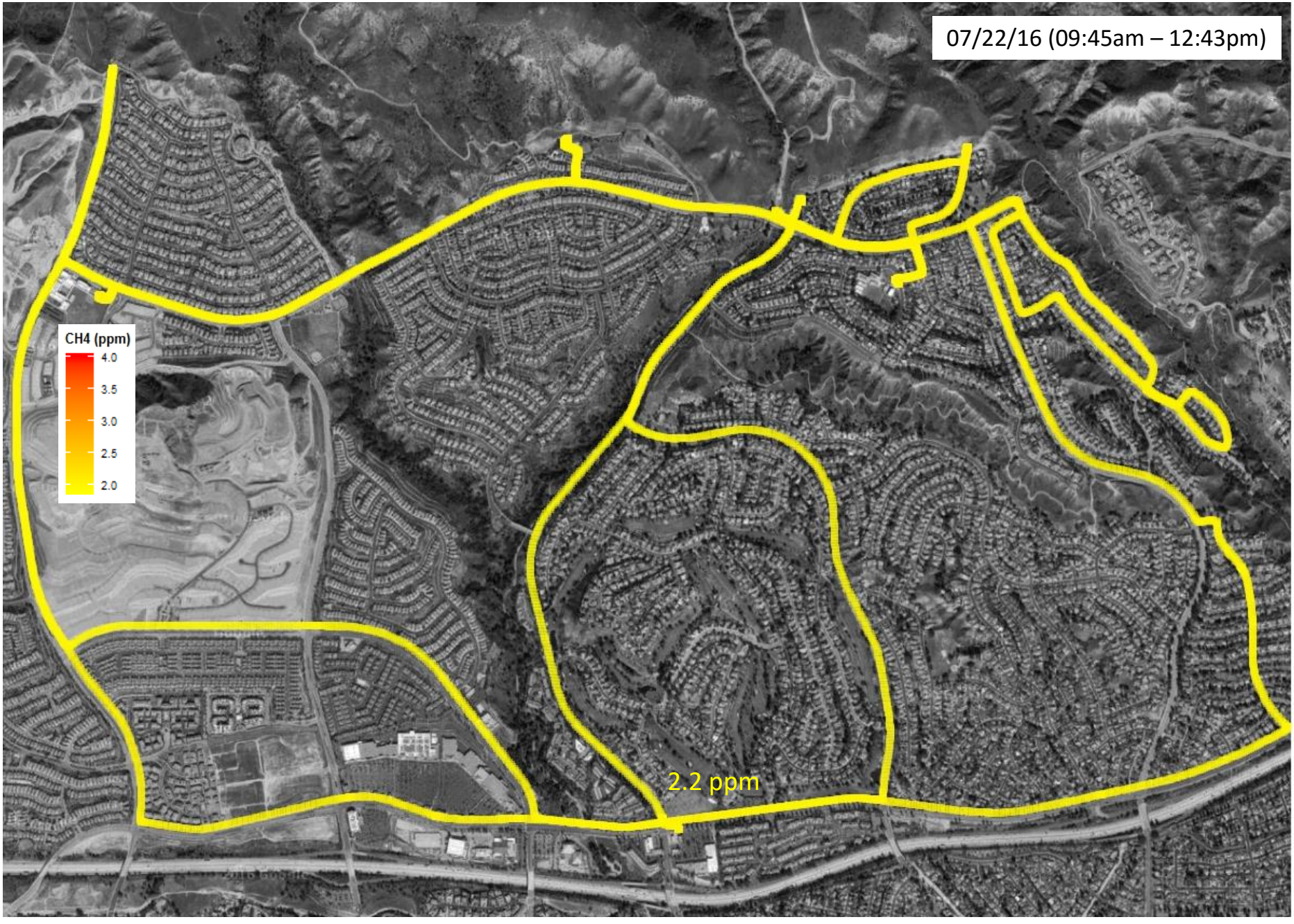

07/05/16 (09:23am – 12:04pm)
4.4 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

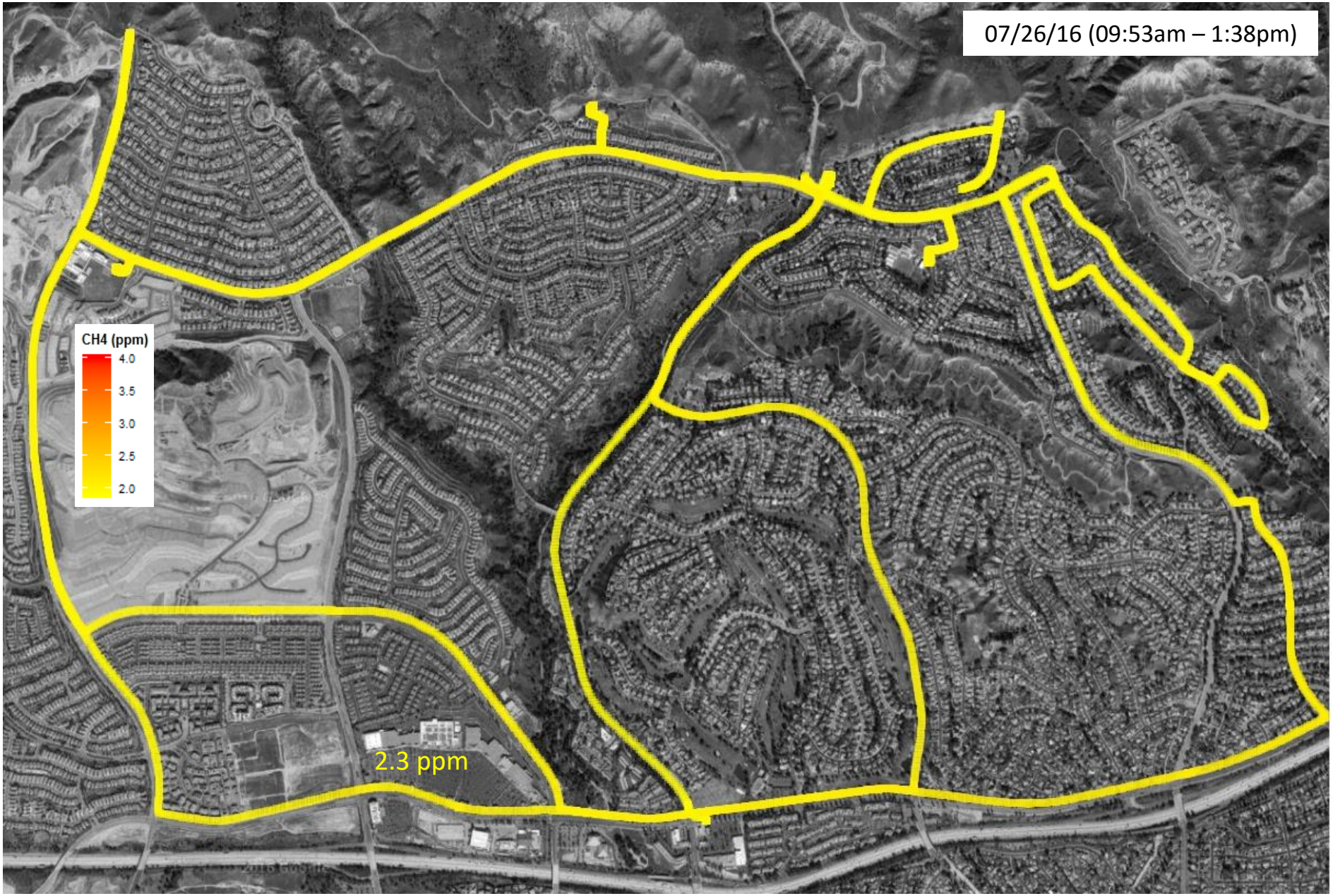

07/08/16 (08:46am – 11:05am)
CH4 (ppm)
8
6
4
9.4 ppm

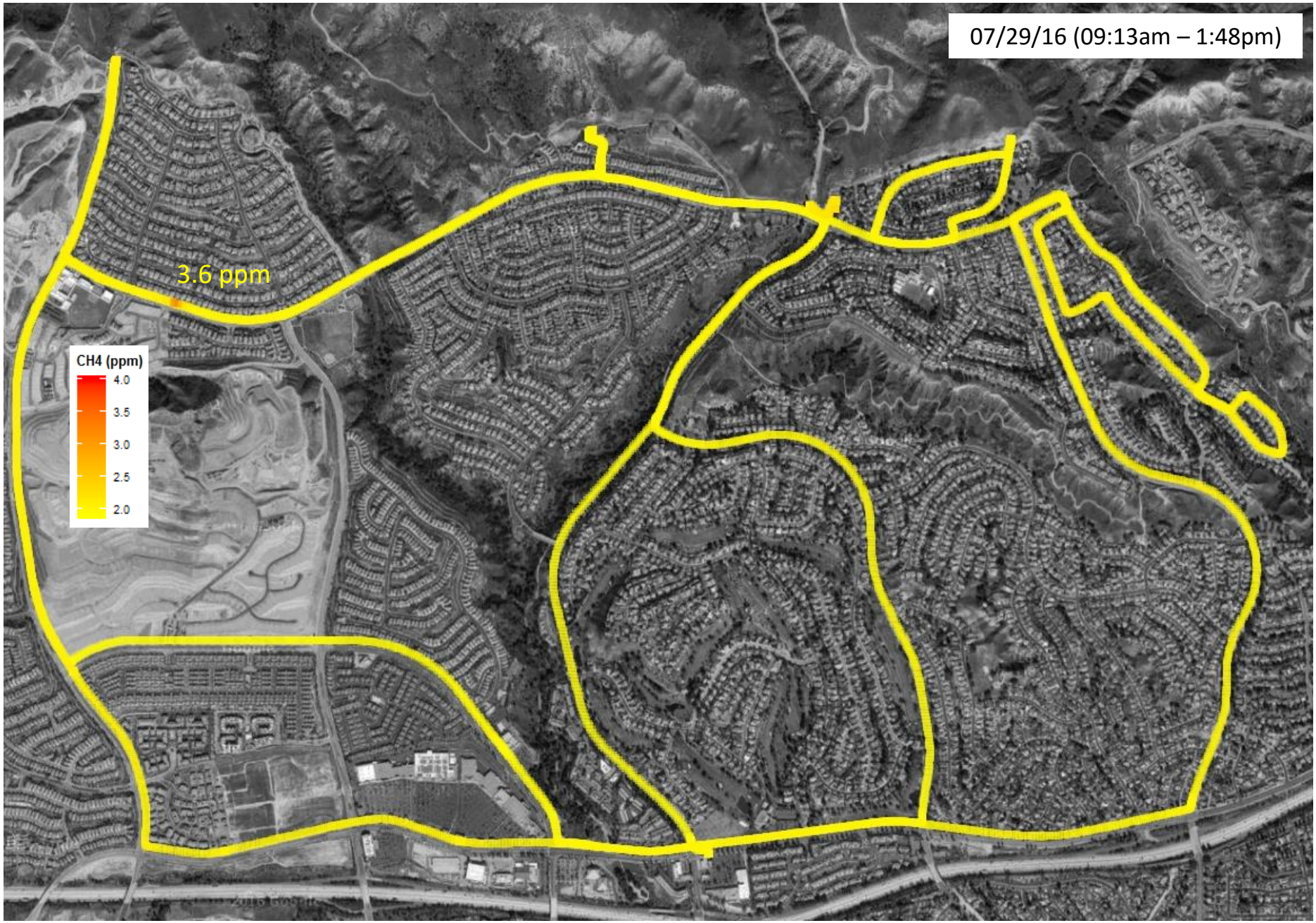

07/12/16 (09:11am – 12:25pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.2 ppm

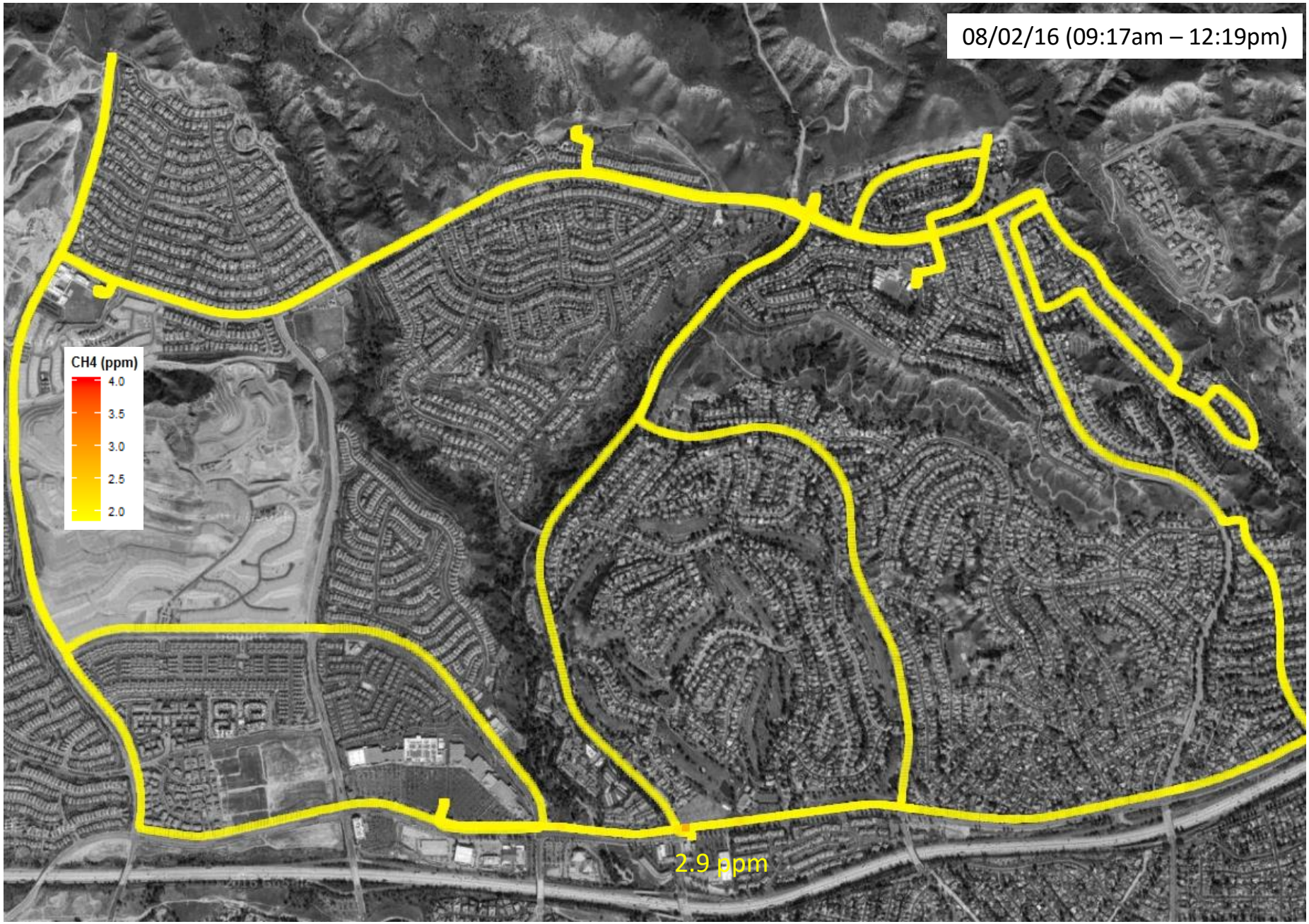

07/15/16 (08:56am – 12:16pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.5 ppm

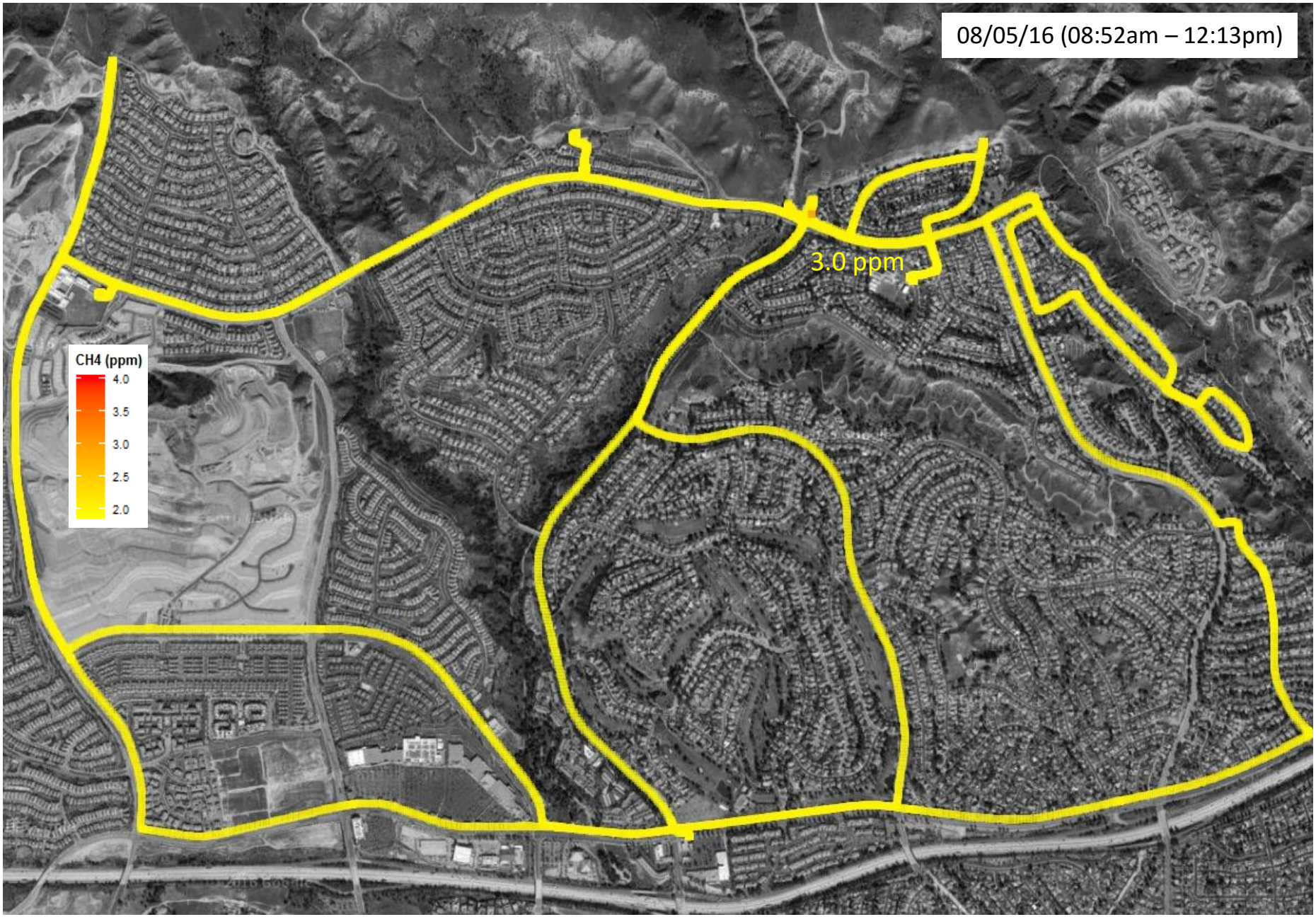

07/19/16 (09:21am – 11:55am)
2.2 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

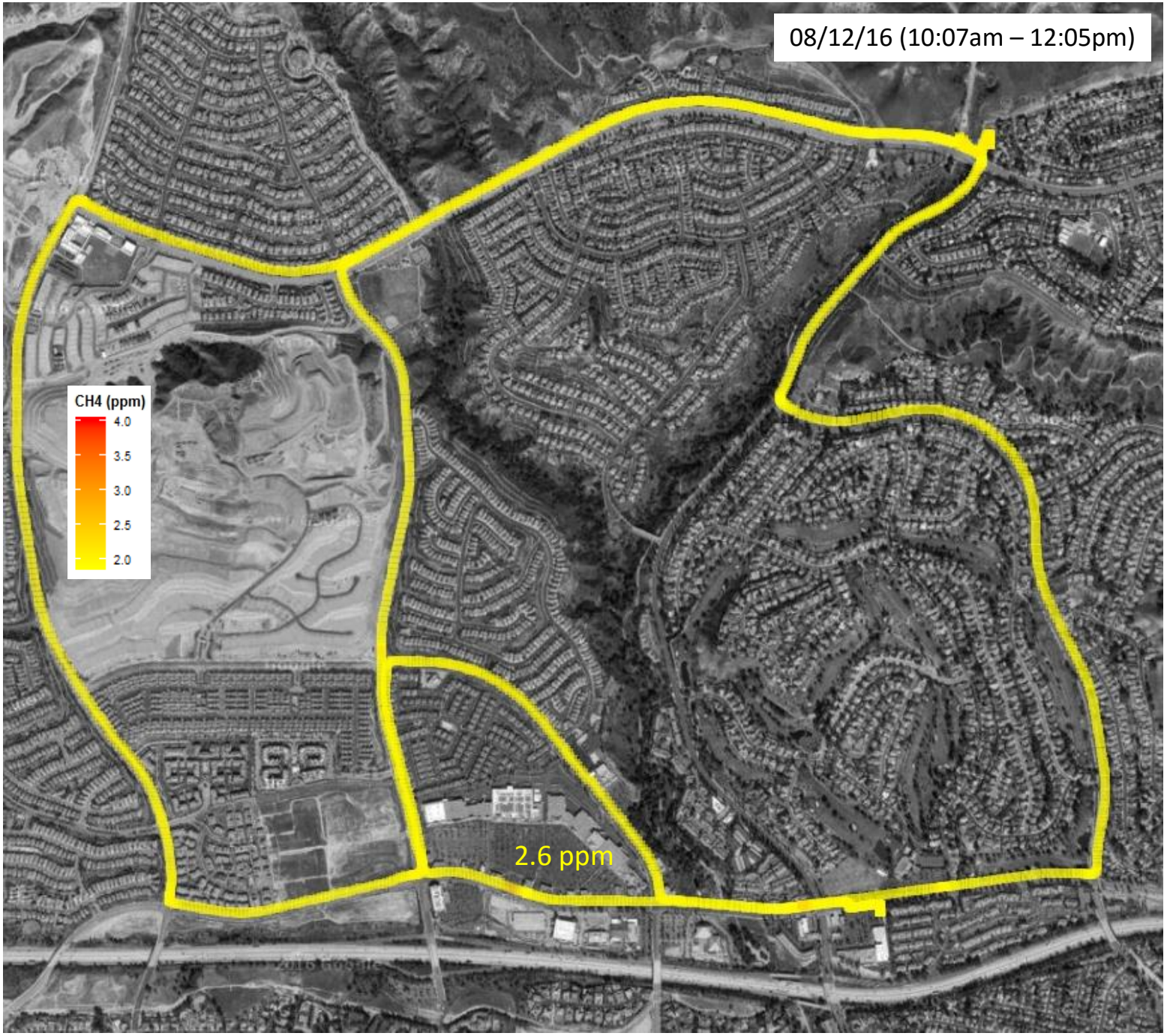

07/22/16 (09:45am – 12:43pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.2 ppm

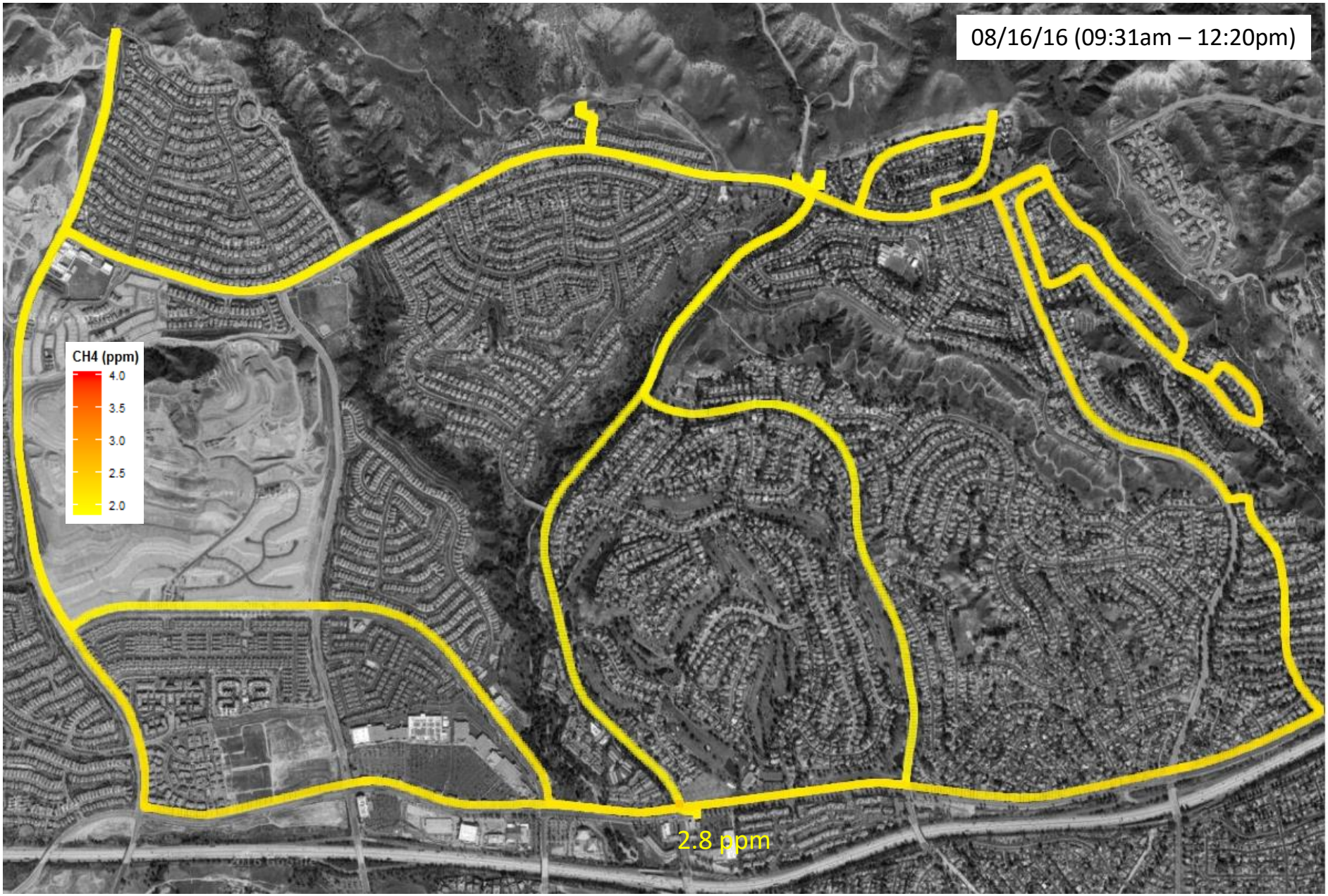

07/26/16 (09:53am – 1:38pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.3 ppm

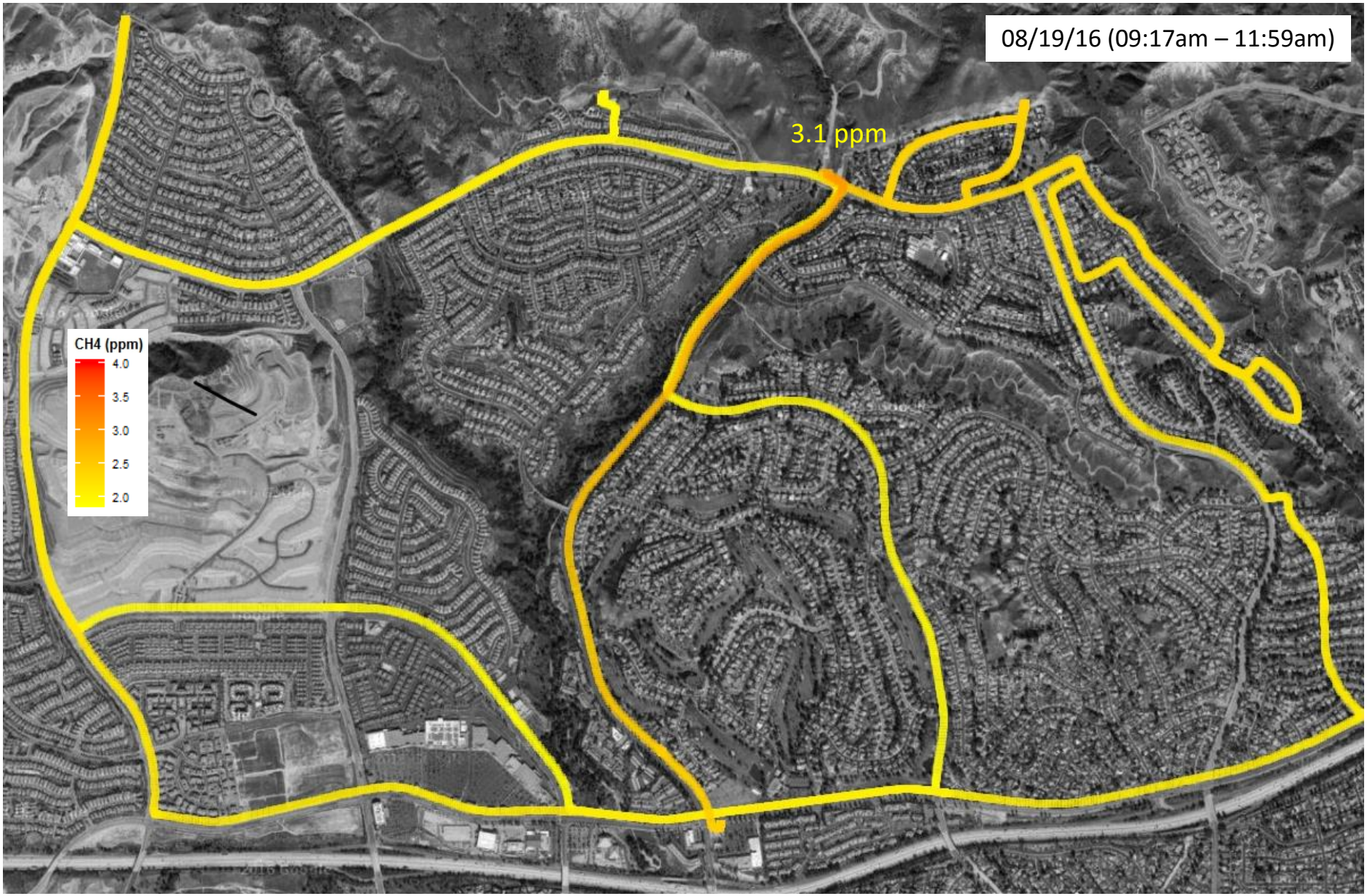

07/29/16 (09:13am – 1:48pm)
3.6 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

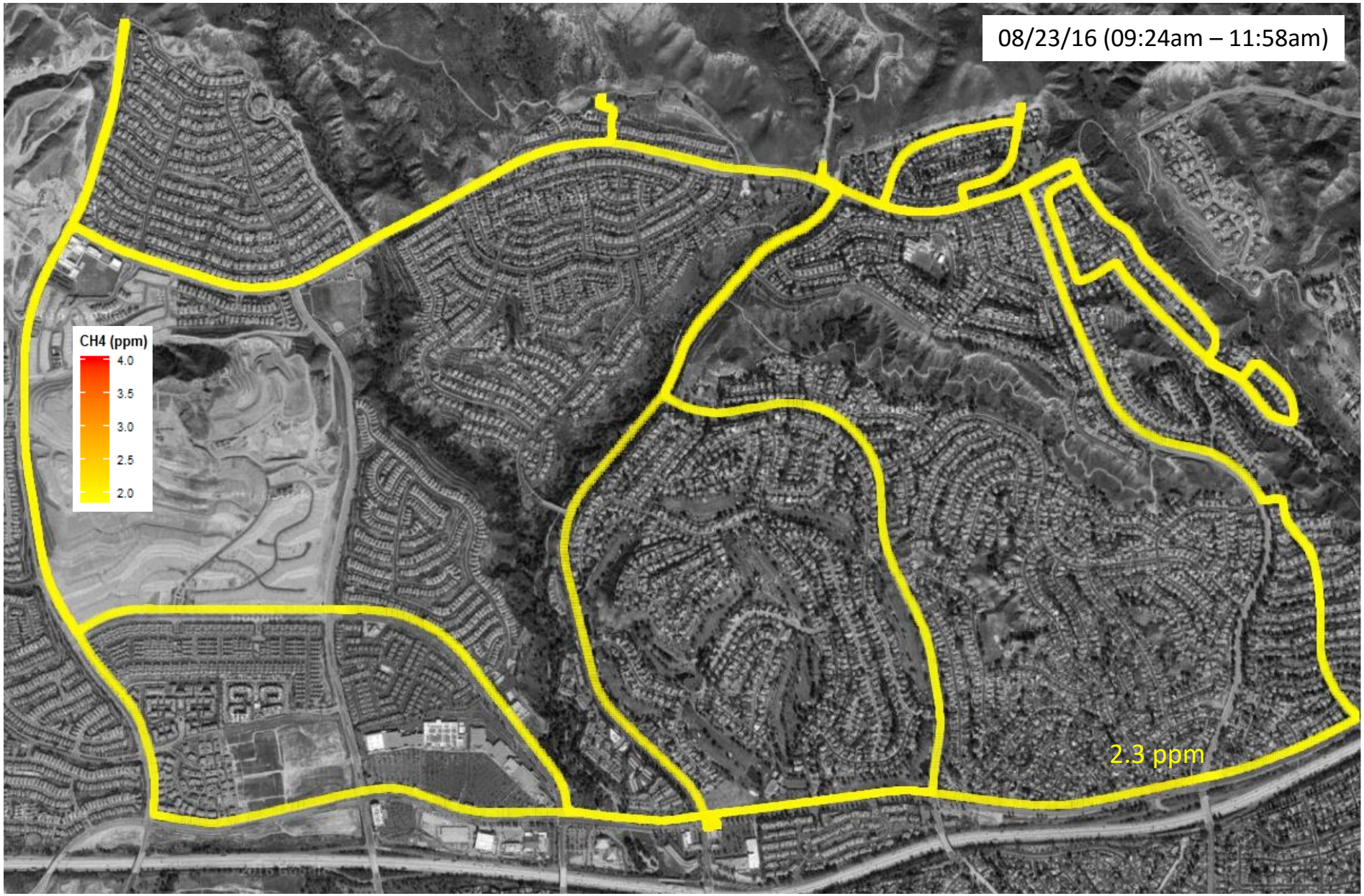

08/02/16 (09:17am – 12:19pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.9 ppm

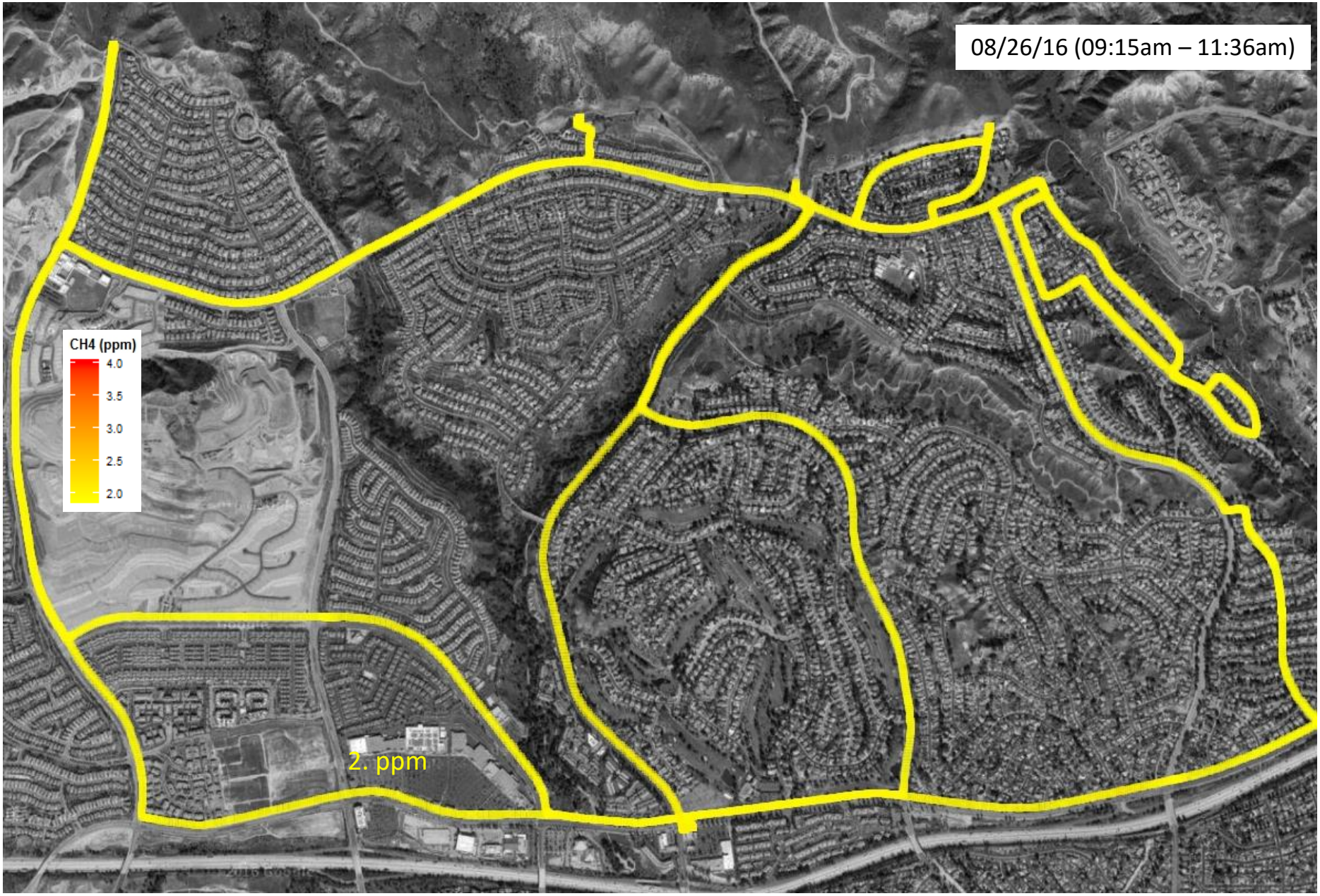

08/05/16 (08:52am – 12:13pm)
3.0 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

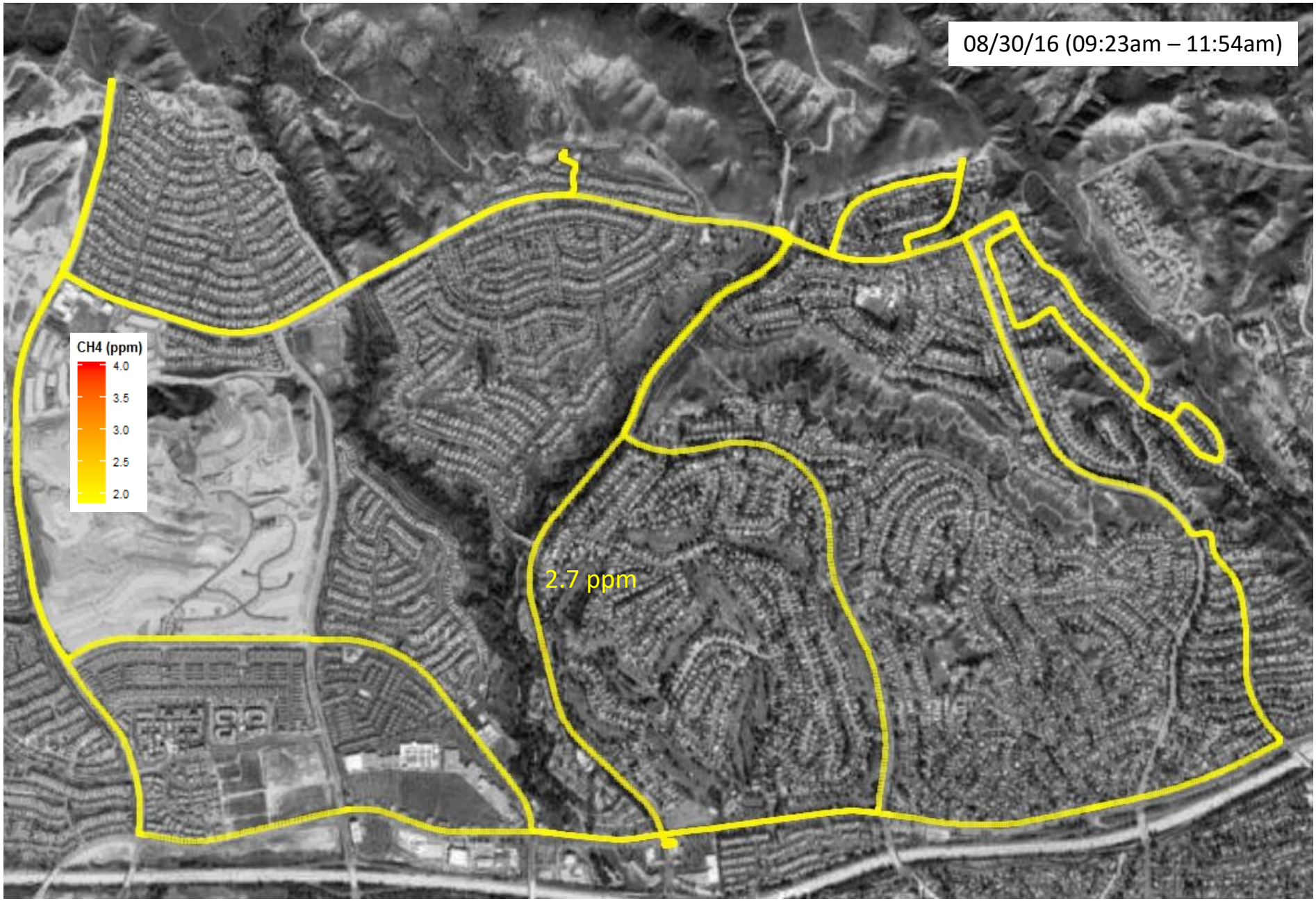

08/12/16 (10:07am – 12:05pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.6 ppm

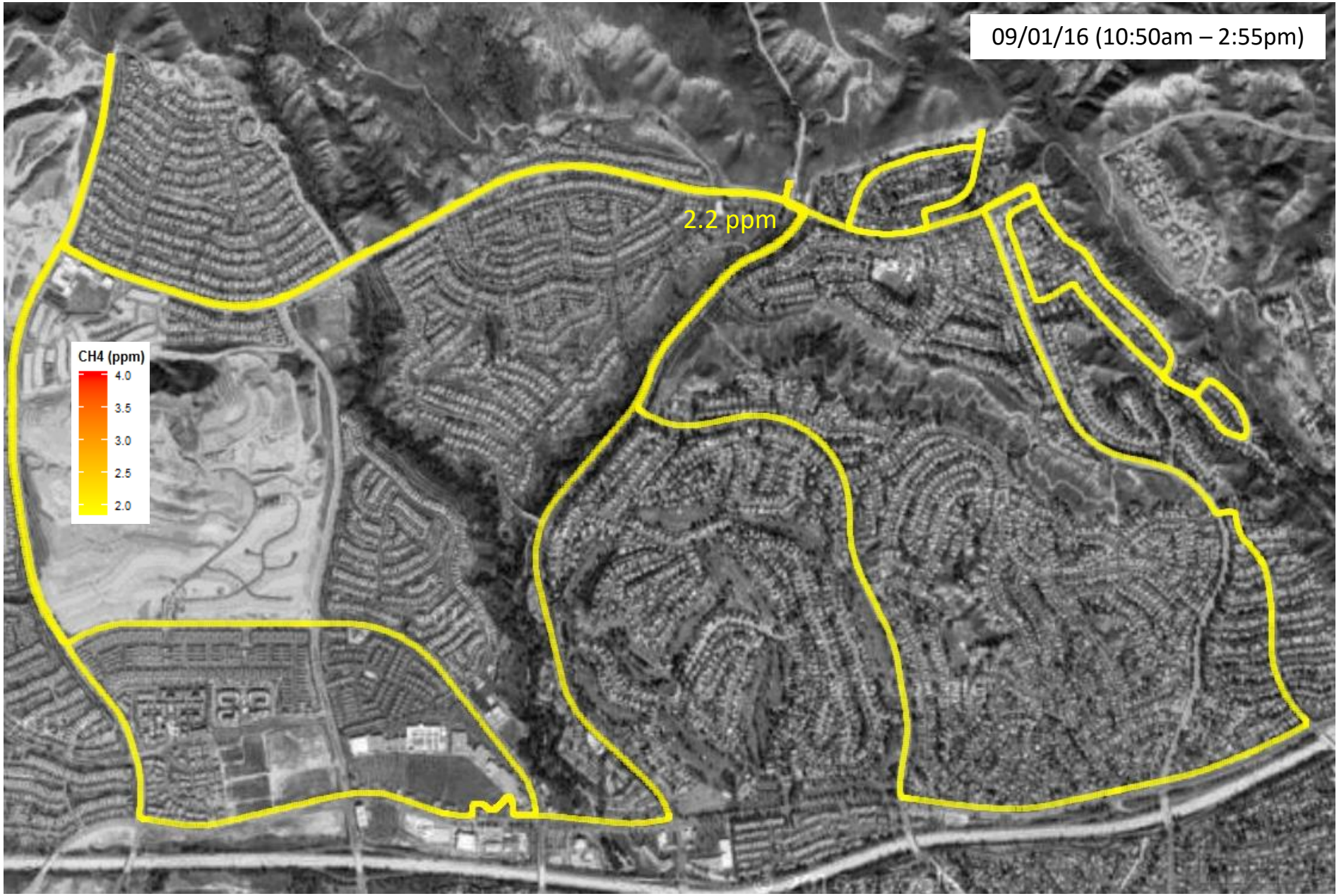

08/16/16 (09:31am – 12:20pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.8 ppm

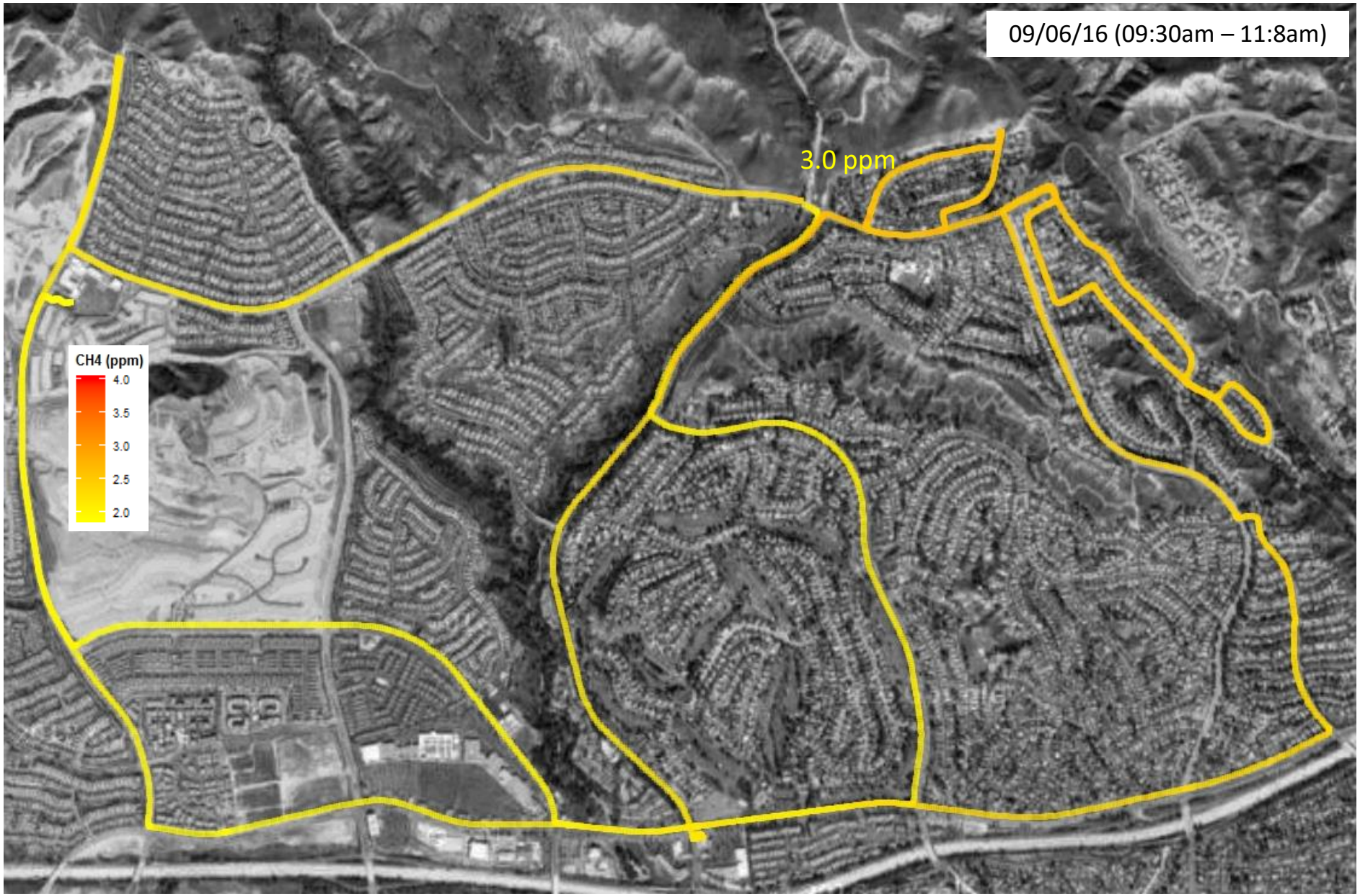

08/19/16 (09:17am – 11:59am)
3.1 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

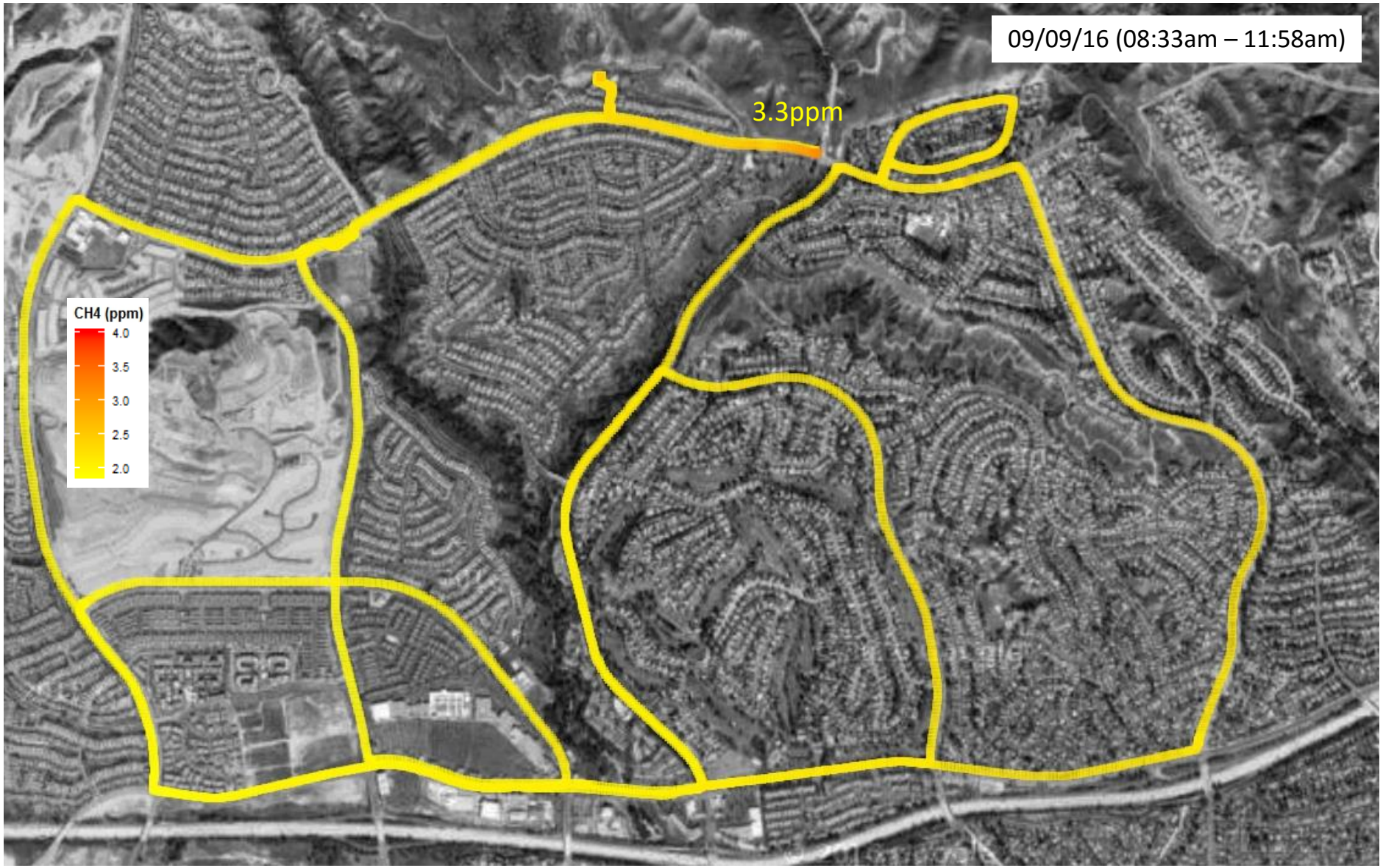

08/23/16 (09:24am – 11:58am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.3 ppm

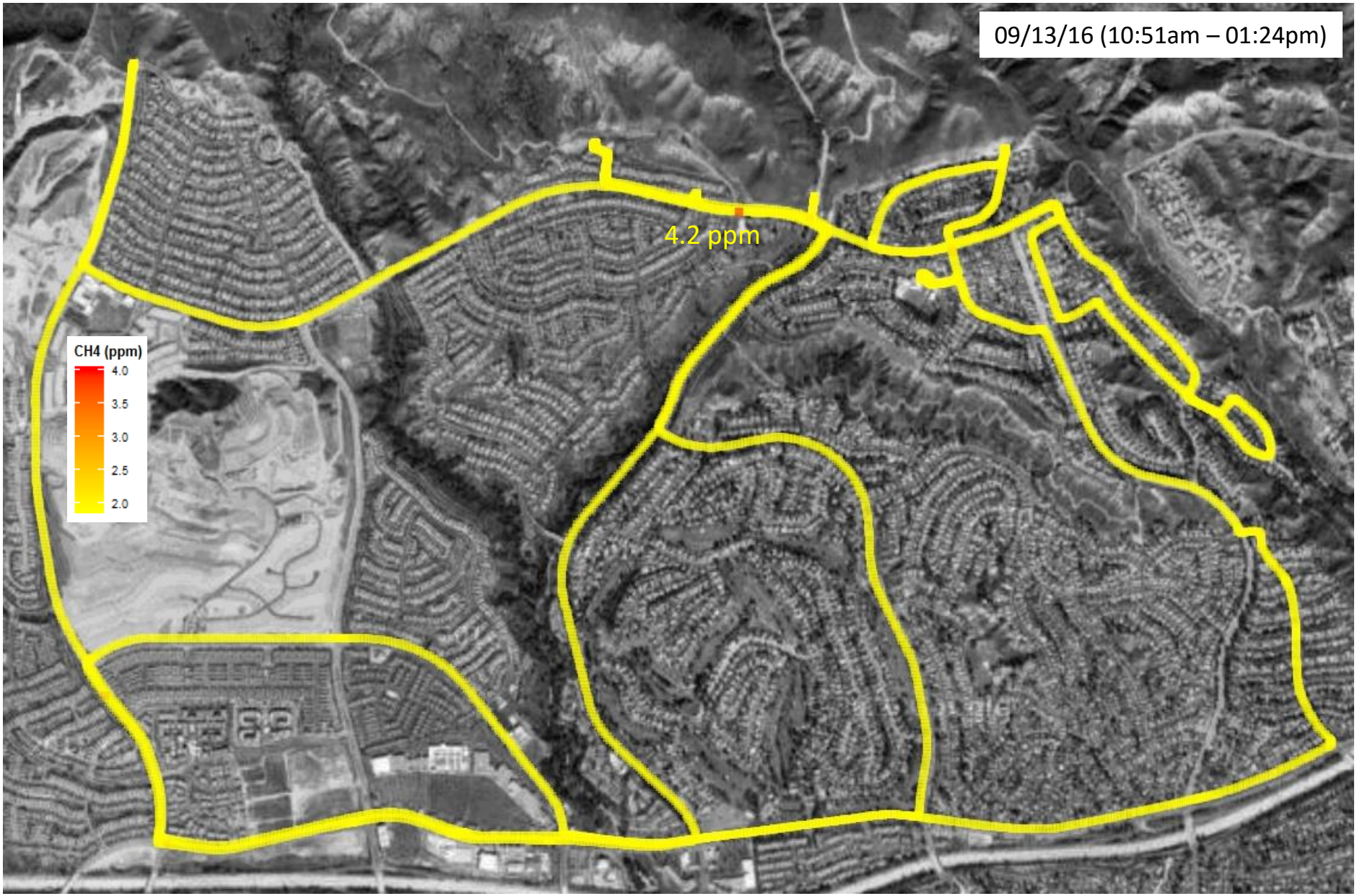

08/26/16 (09:15am – 11:36am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2. ppm

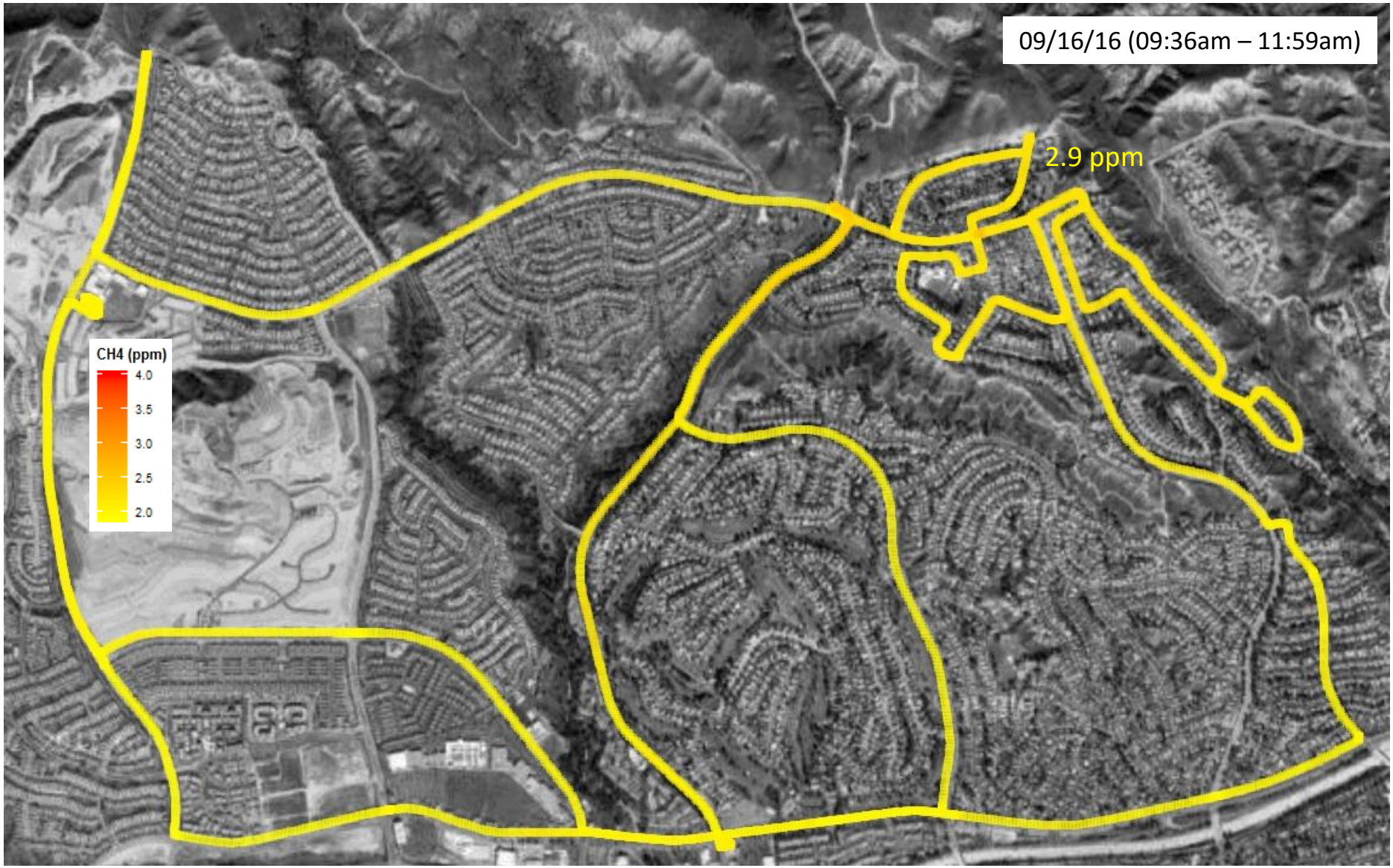

08/30/16 (09:23am – 11:54am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.7 ppm

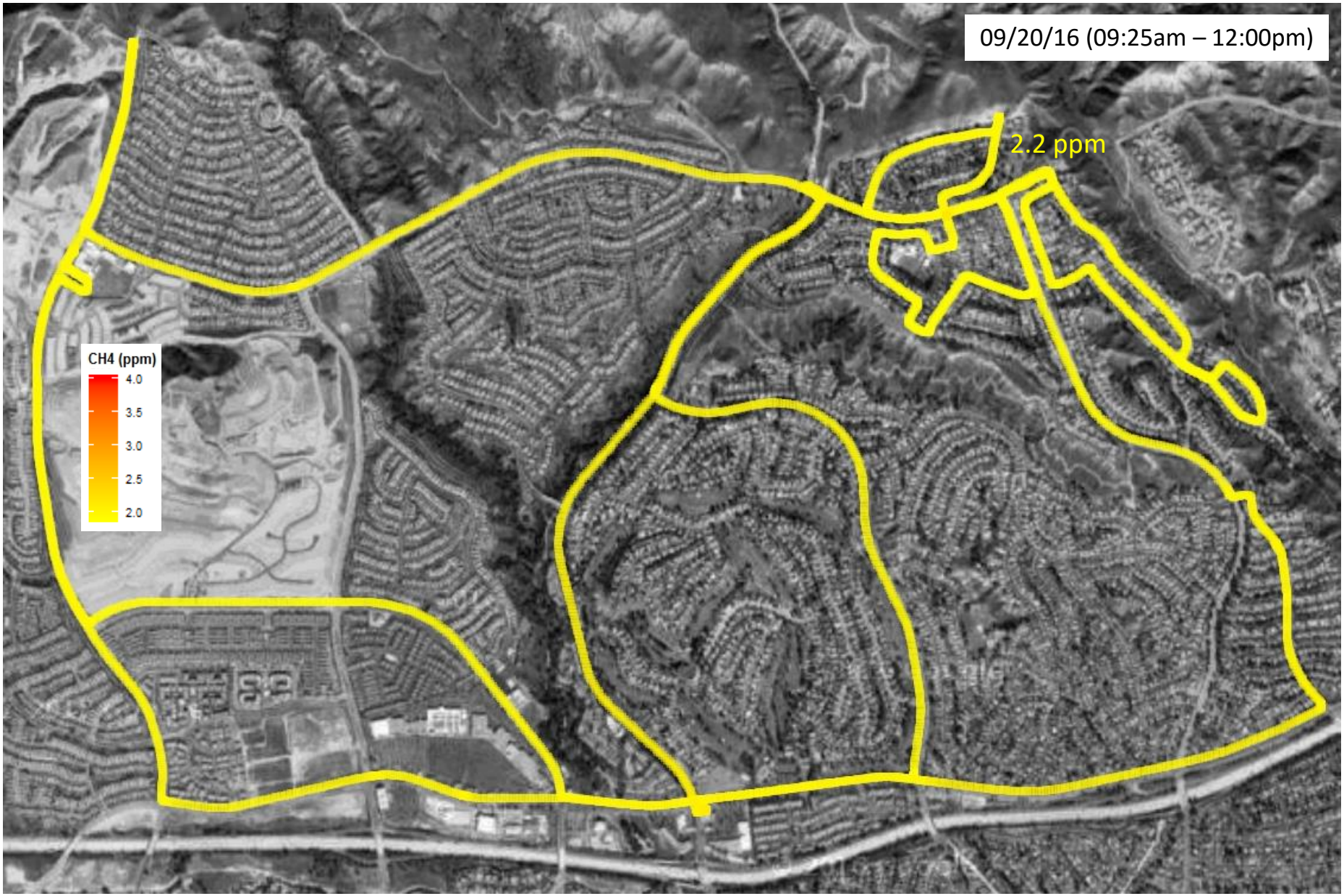

09/01/16 (10:50am – 2:55pm)
2.2 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

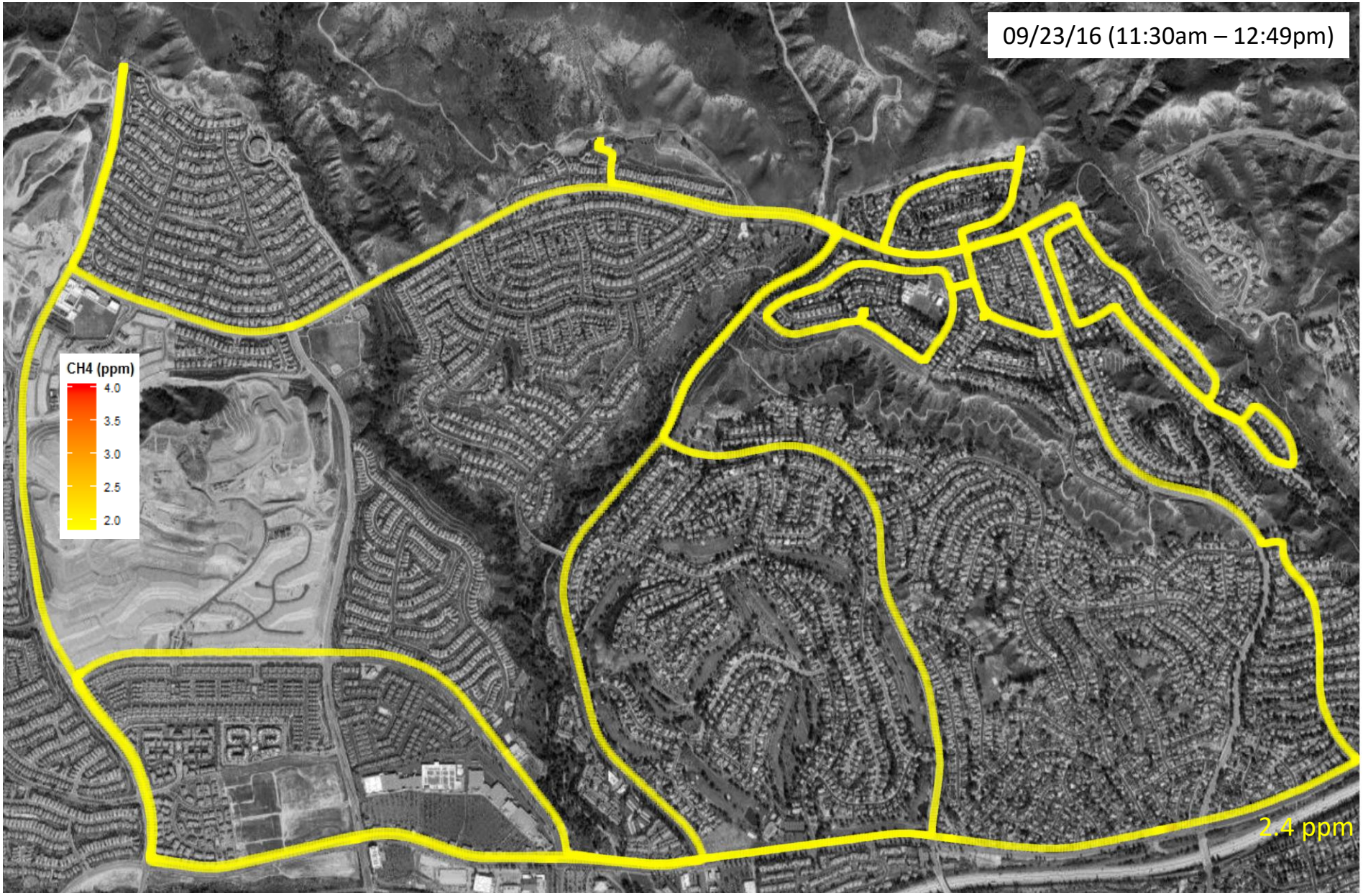

09/06/16 (09:30am – 11:8am)
3.0 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

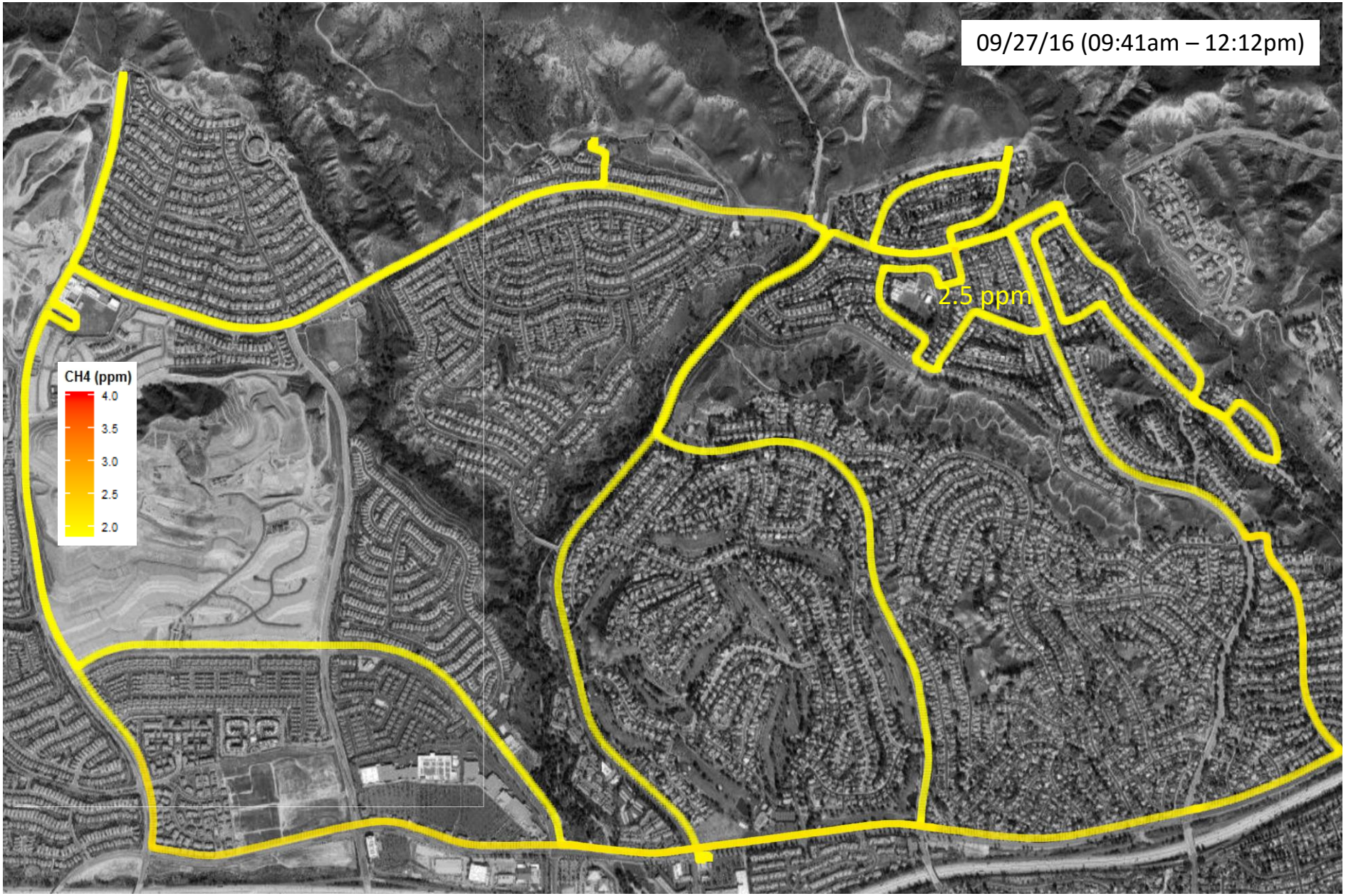

09/09/16 (08:33am – 11:58am)
3.3ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

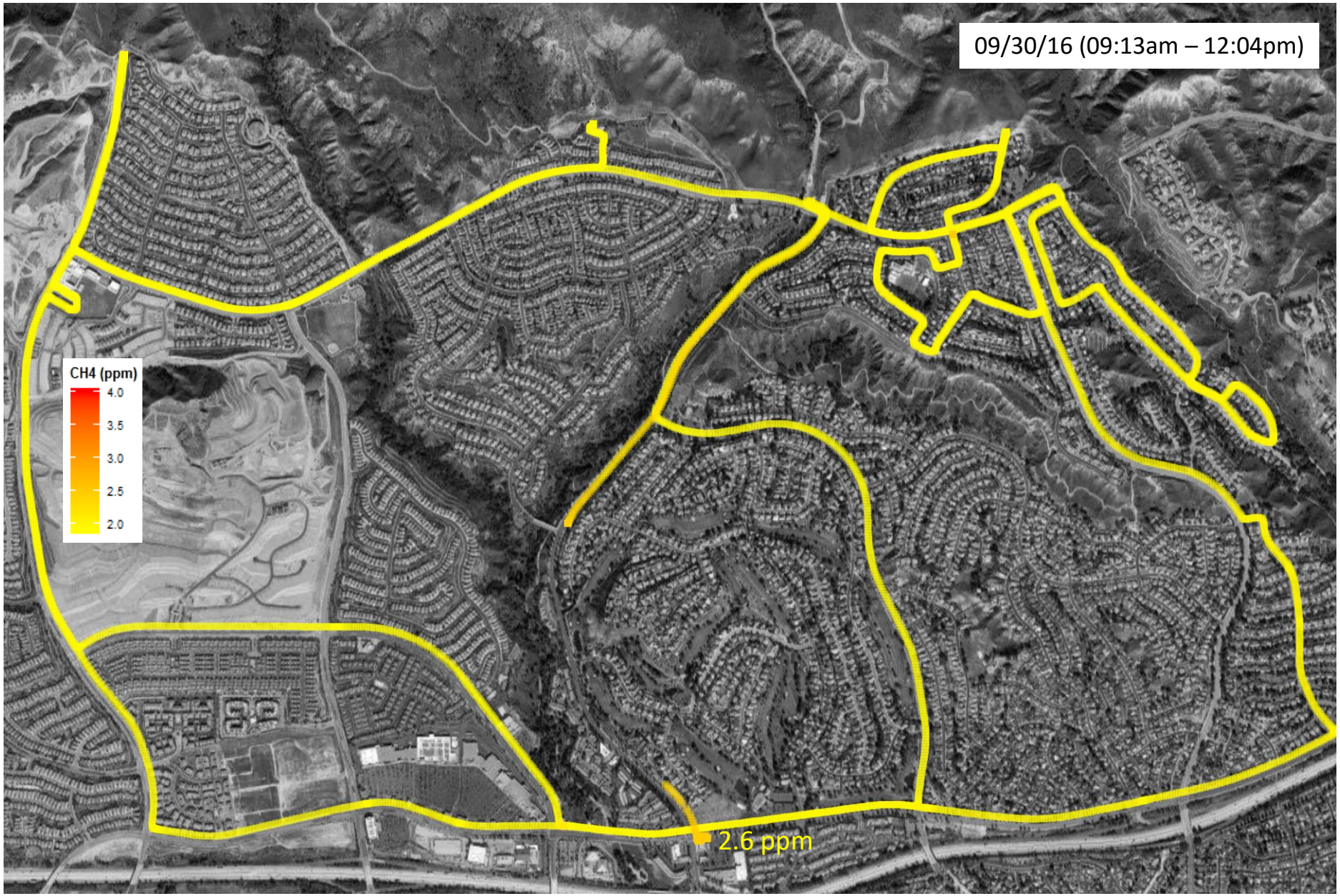

09/13/16 (10:51am – 01:24pm)
4.2 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

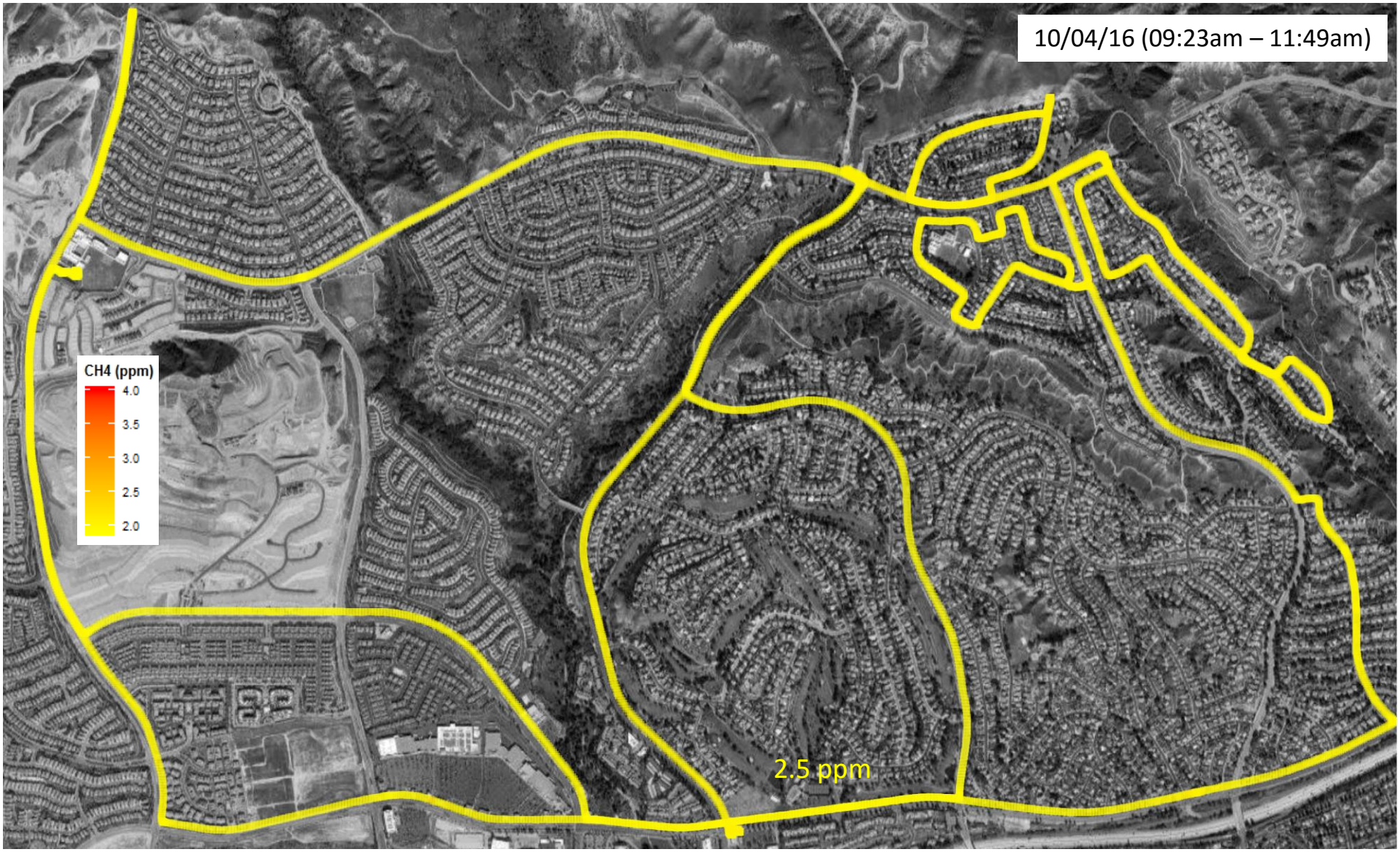

09/16/16 (09:36am – 11:59am)
2.9 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

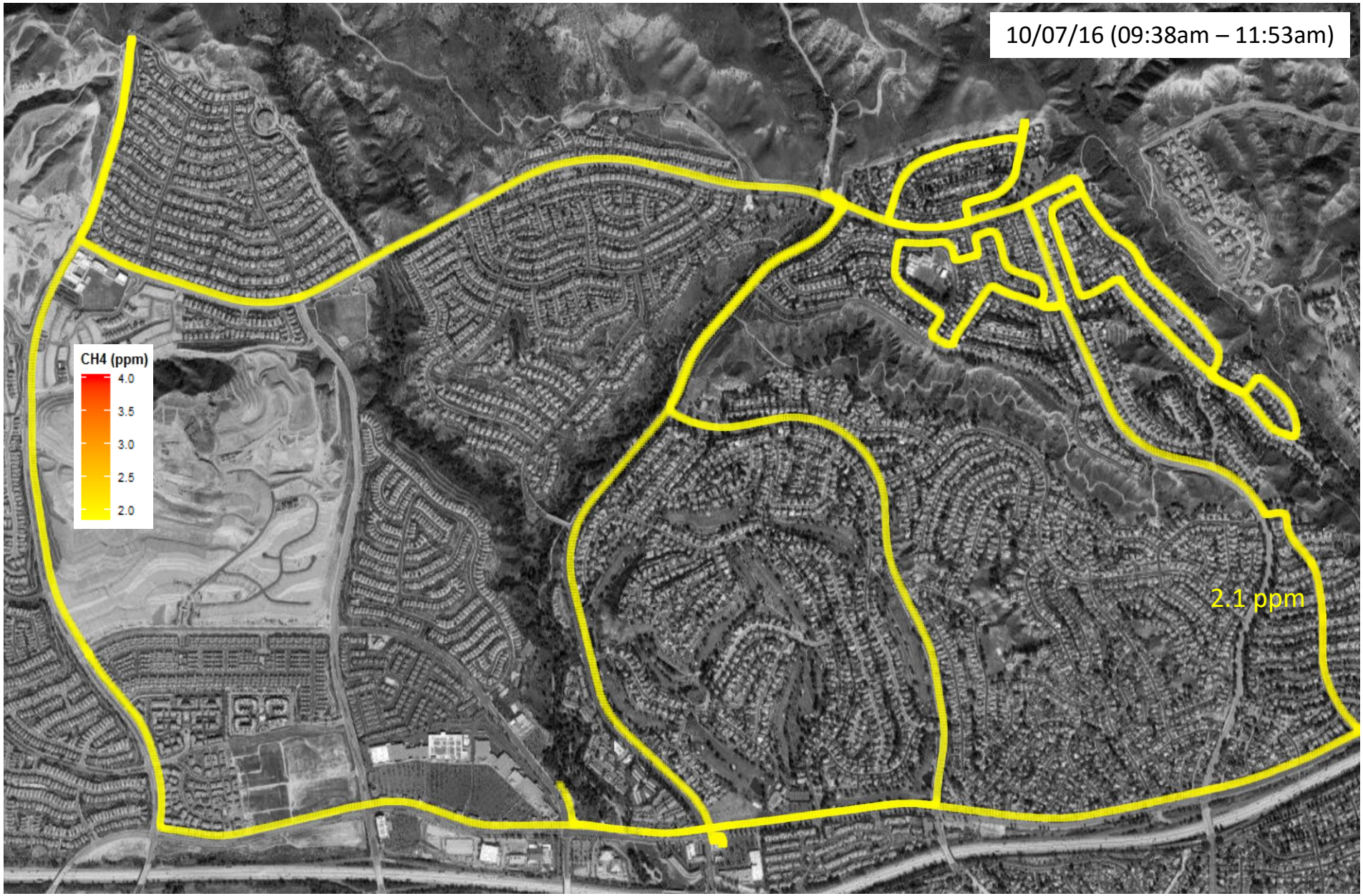

09/20/16 (09:25am – 12:00pm)
2.2 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

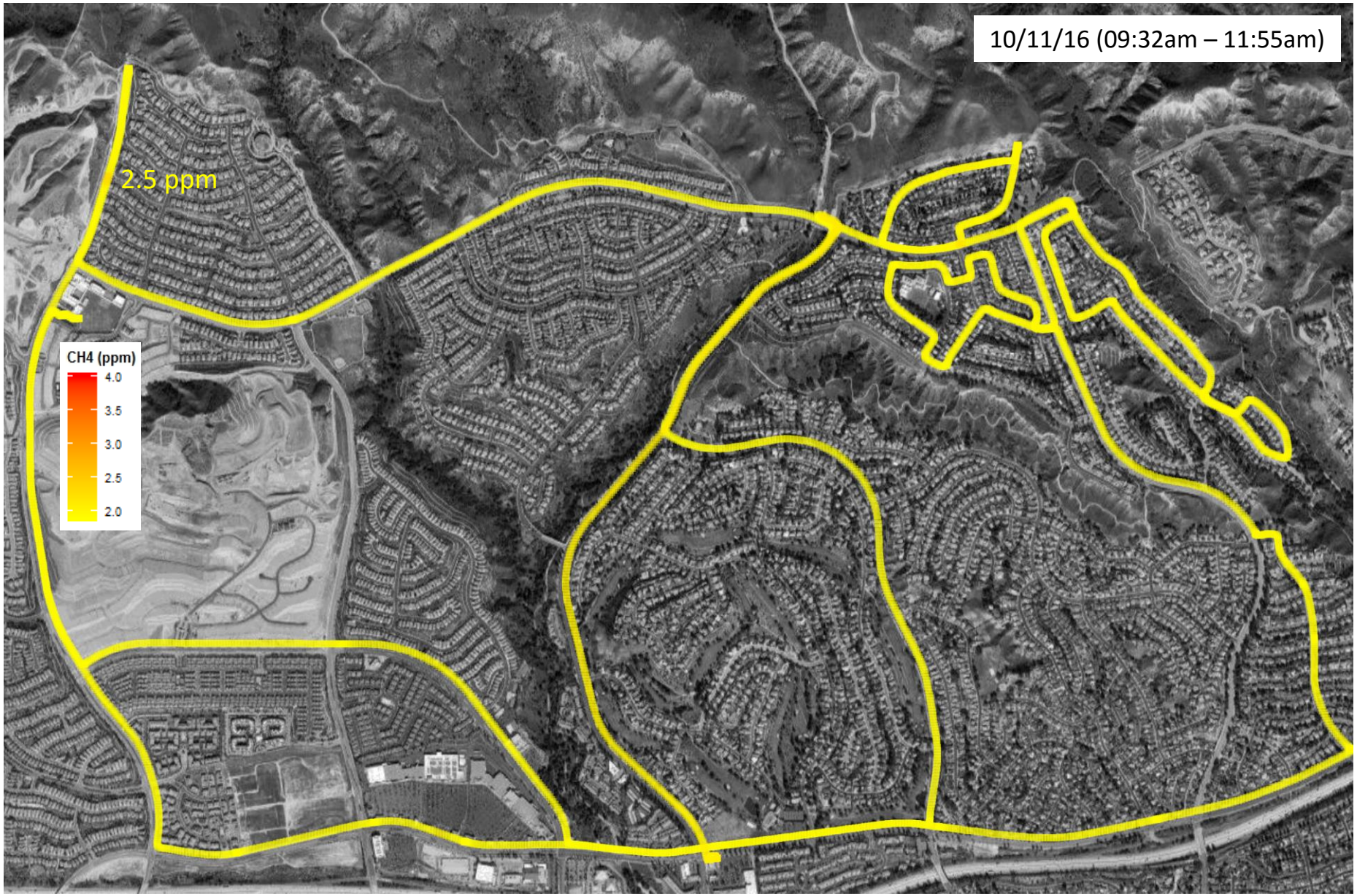

09/23/16 (11:30am – 12:49pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.4 ppm

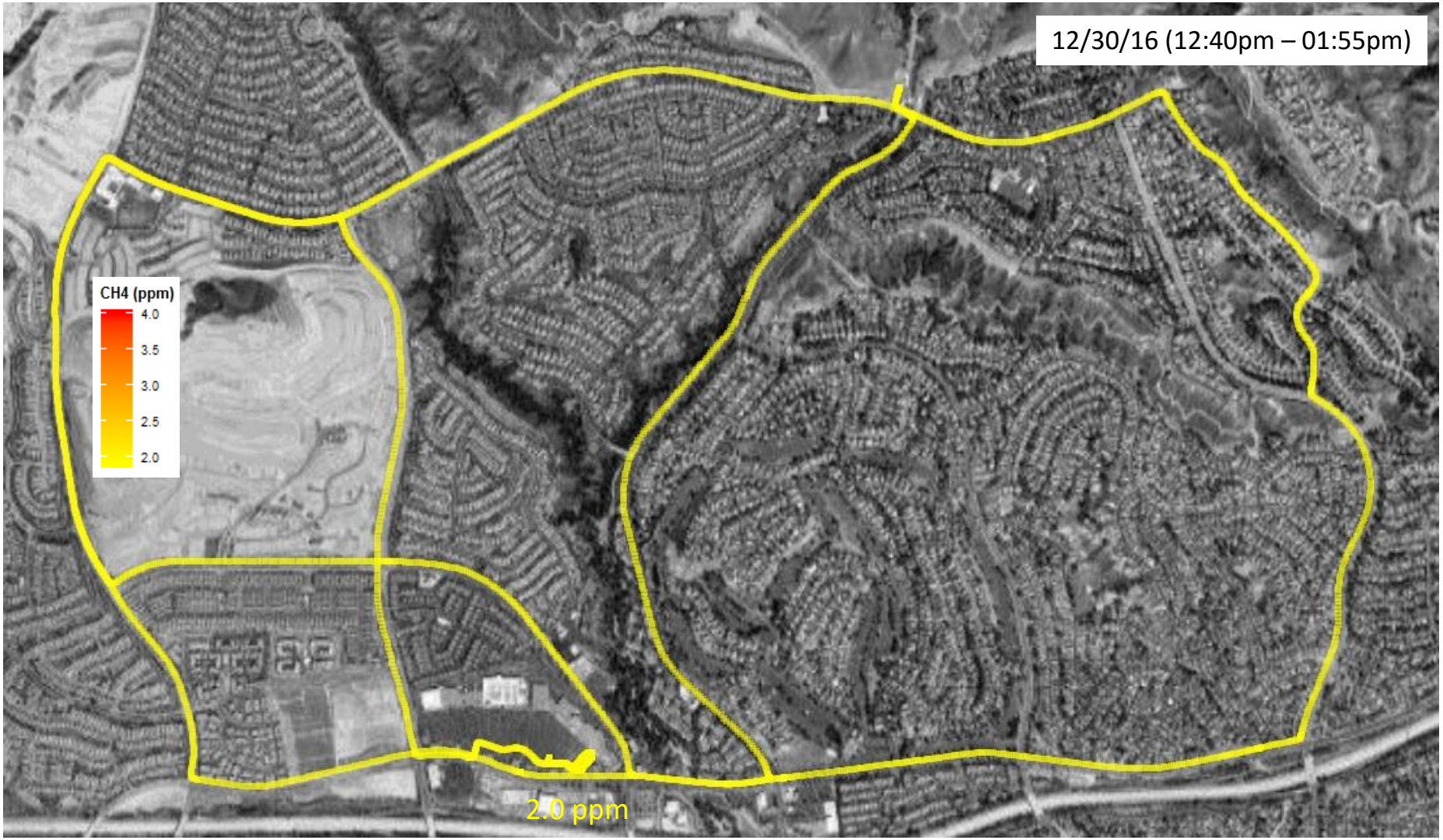

09/27/16 (09:41am – 12:12pm)
2.5 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

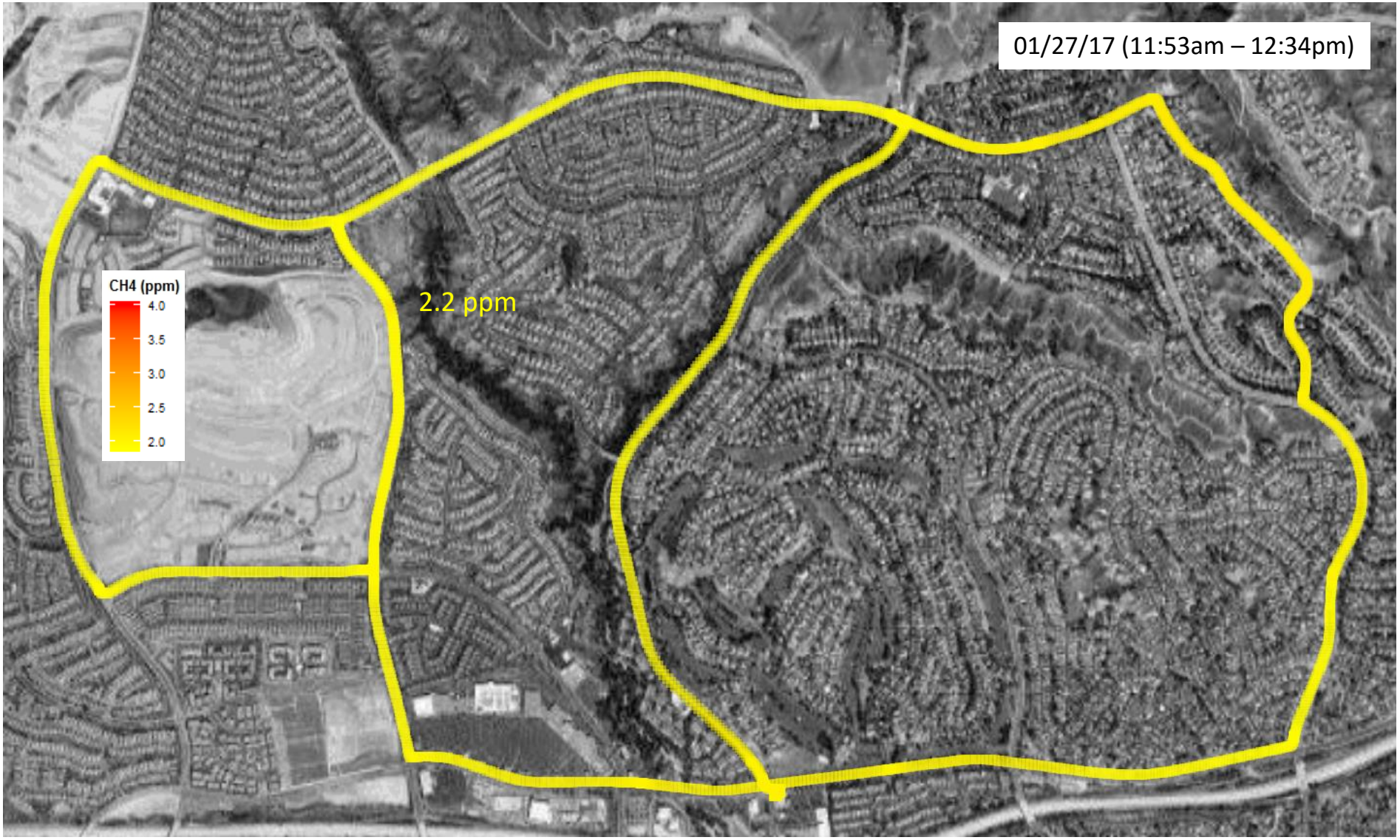

09/30/16 (09:13am – 12:04pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.6 ppm


10/04/16 (09:23am – 11:49am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.5 ppm

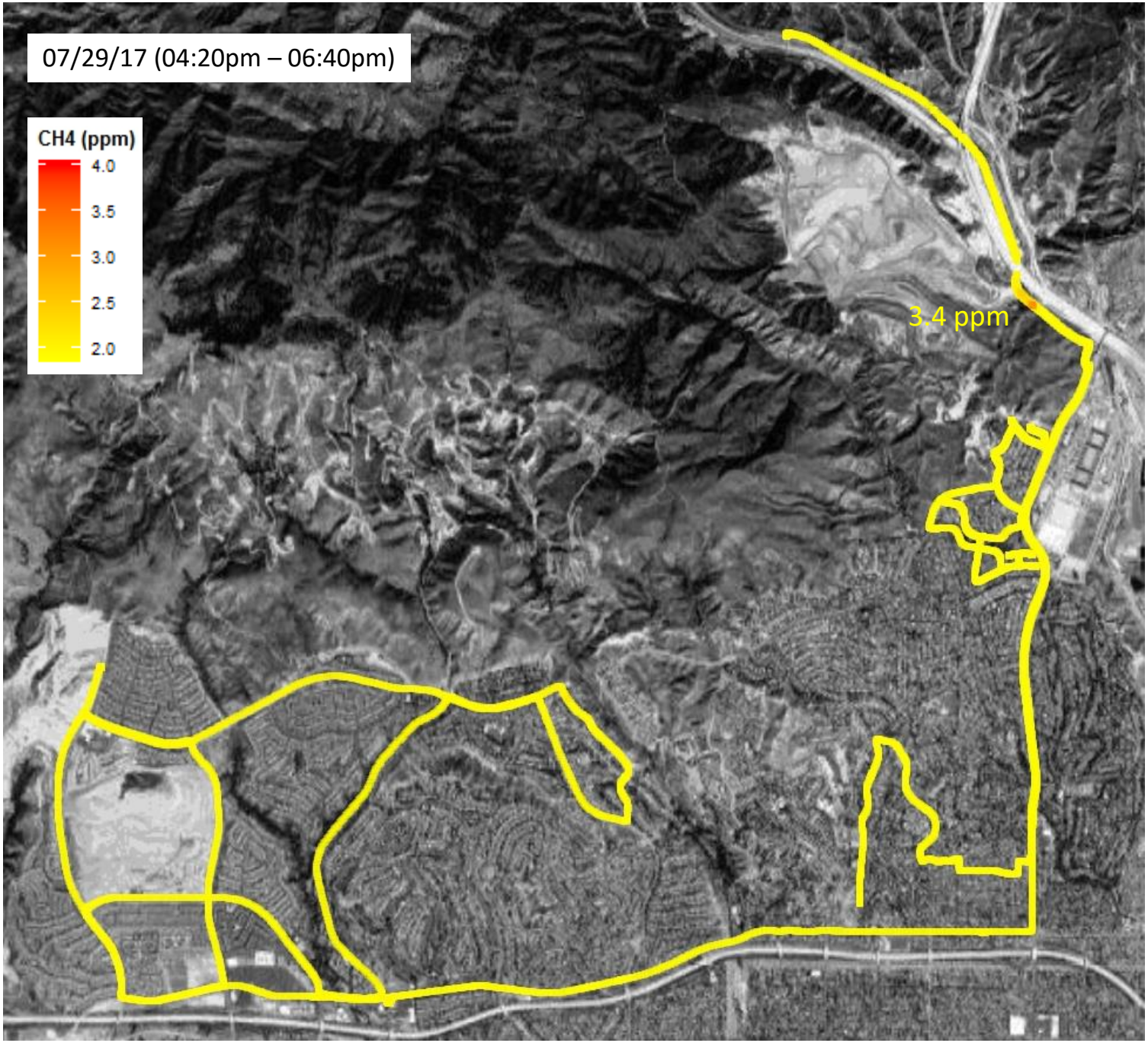

10/07/16 (09:38am – 11:53am)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.1 ppm


10/11/16 (09:32am – 11:55am)
2.5 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0

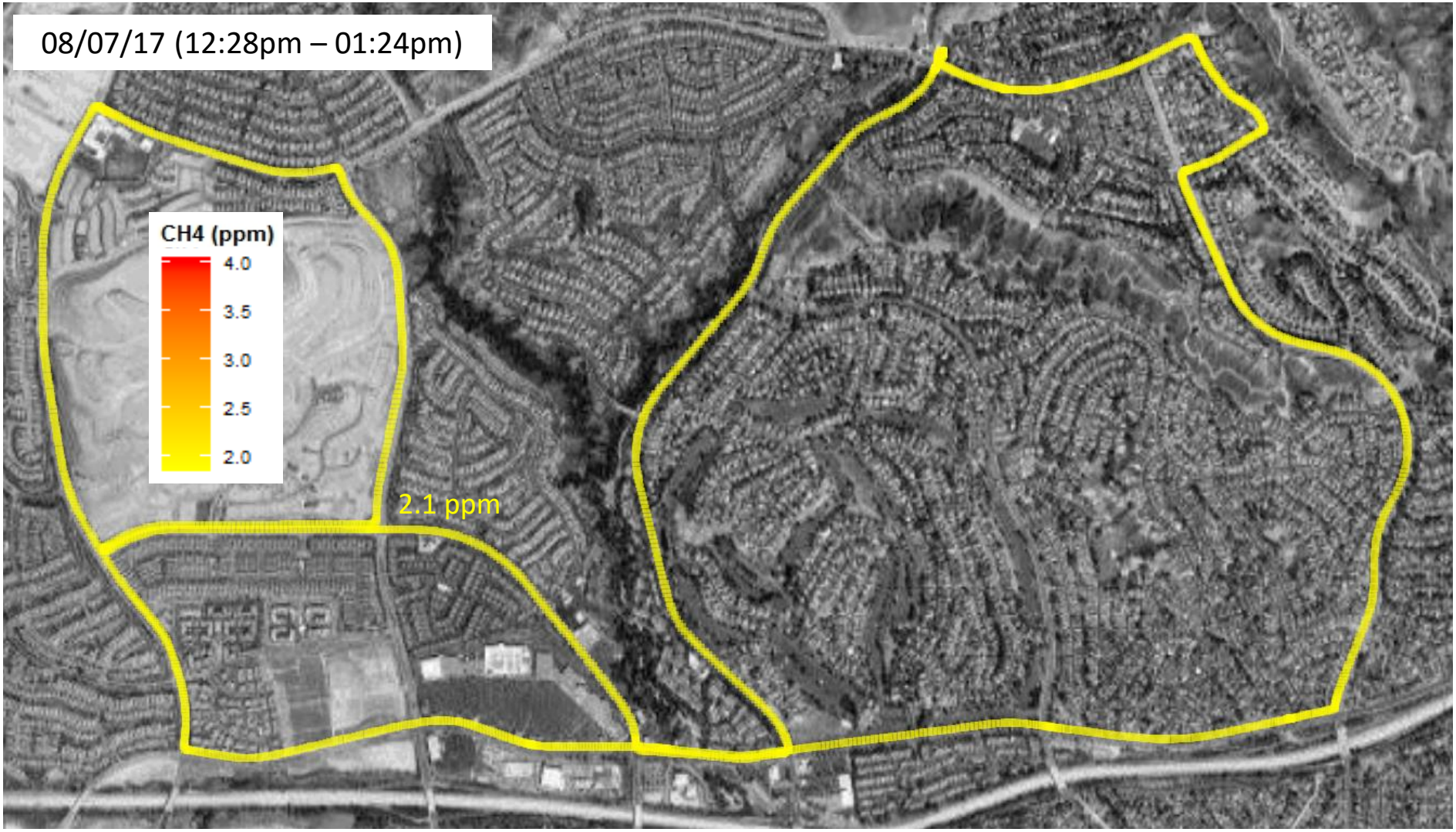

12/30/16 (12:40pm – 01:55pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.0 ppm


01/27/17 (11:53am – 12:34pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.2 ppm

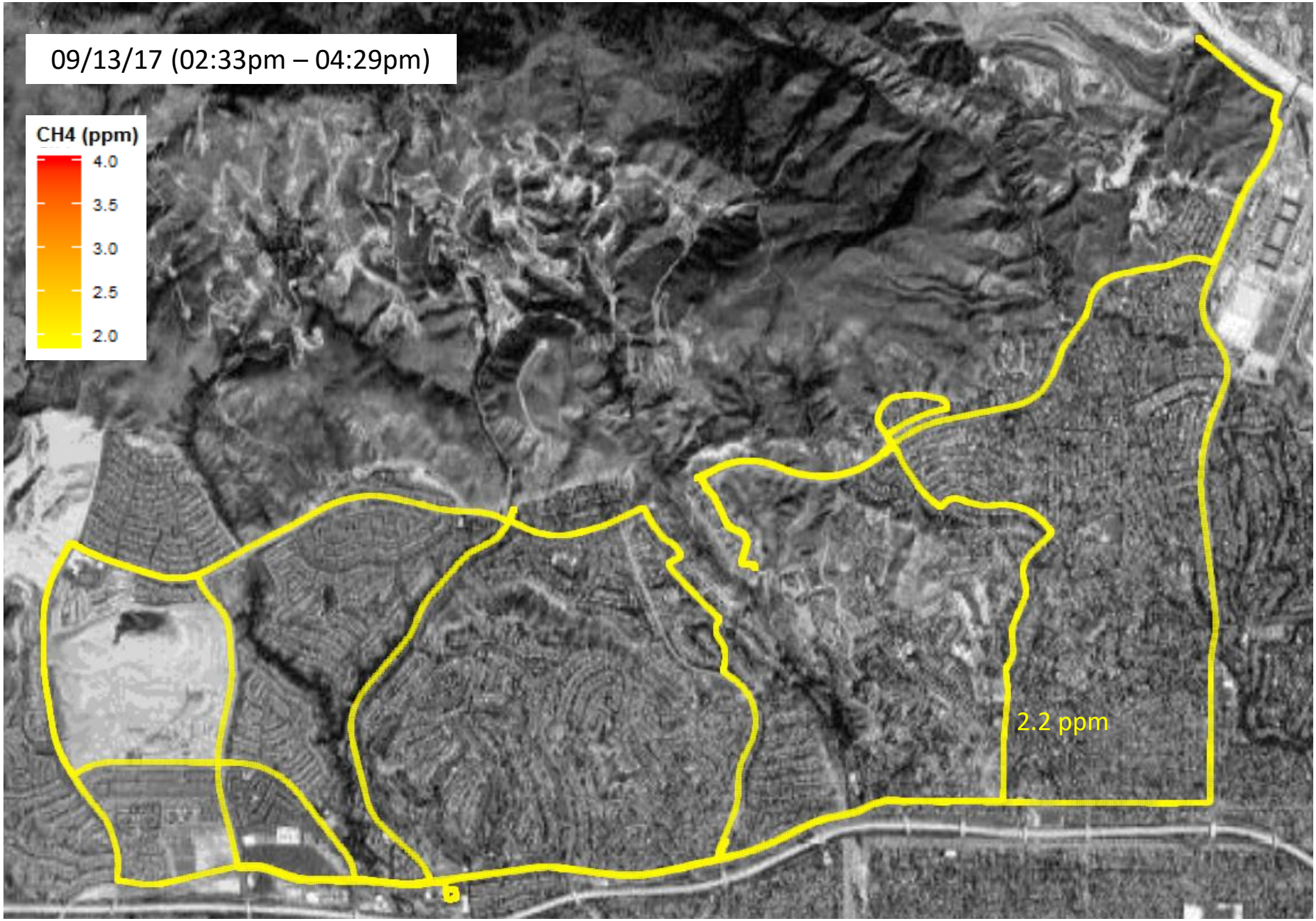
07/28/17 (08:10pm – 09:00pm)
2.3 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0


07/29/17 (04:20pm – 06:40pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
3.4 ppm

08/01/17 (02:34pm – 03:44pm)
2.1 ppm
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0


08/07/17 (12:28pm – 01:24pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.1 ppm

08/25/17 (01:36pm – 02:42pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.3 ppm


09/13/17 (02:33pm – 04:29pm)
CH4 (ppm)
4.0
3.5
3.0
2.5
2.0
2.2 ppm