

# Airspace Change Proposal – Runway 15

## Post Implementation Review – Supplementary Information Request 2 (3<sup>rd</sup> December 2018)

These slides contain information as requested by the Civil Aviation Authority (CAA) to supplement the Post Implementation Review report which was submitted on 7<sup>th</sup> July 2017. This is in addition to the first supplementary information request which was provided on 11<sup>th</sup> May 2018.

The tracks depicted in the images are the same as those submitted in the previous supplementary request. In addition the route utilisation for aircraft heading both north and south has been added as well as a key for the track density plots. The images have also been put in to a slide format at the request of the CAA to allow for easier comparison.

Any queries regarding the detail in the slides should be directed to [REDACTED].





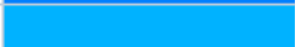





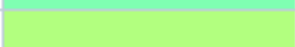
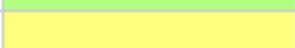








Email: [REDACTED]

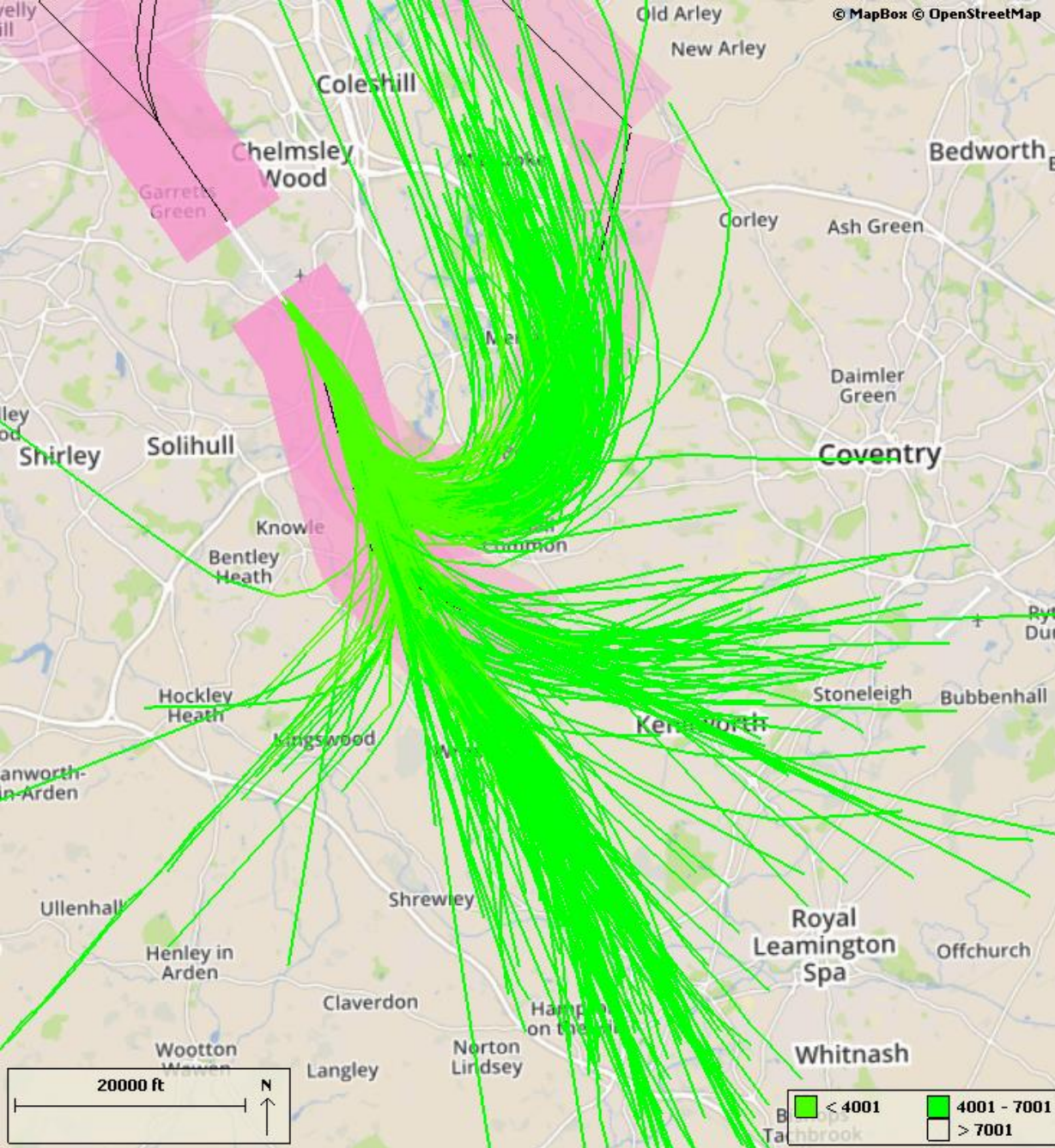
Telephone: [REDACTED]

## Key for track density plots:

Min to Max shows the number of aircraft operating within that colour range

*Note: when the number of aircraft is less than nine, transparency has been set to 100% in order to prevent image distortion*

	Min	Max	Color	Transparency (%)
1		9		100
10		19		0
20		28		0
29		38		0
39		47		0
48		57		0
58		66		0
67		76		0
77		85		0
86		95		0
96		105		0
106		114		0
115		124		0
125		133		0
134		143		0
144		152		0
153		162		0
163		171		0
172		181		0
182		191		0



15<sup>th</sup> – 21<sup>st</sup> June 2013

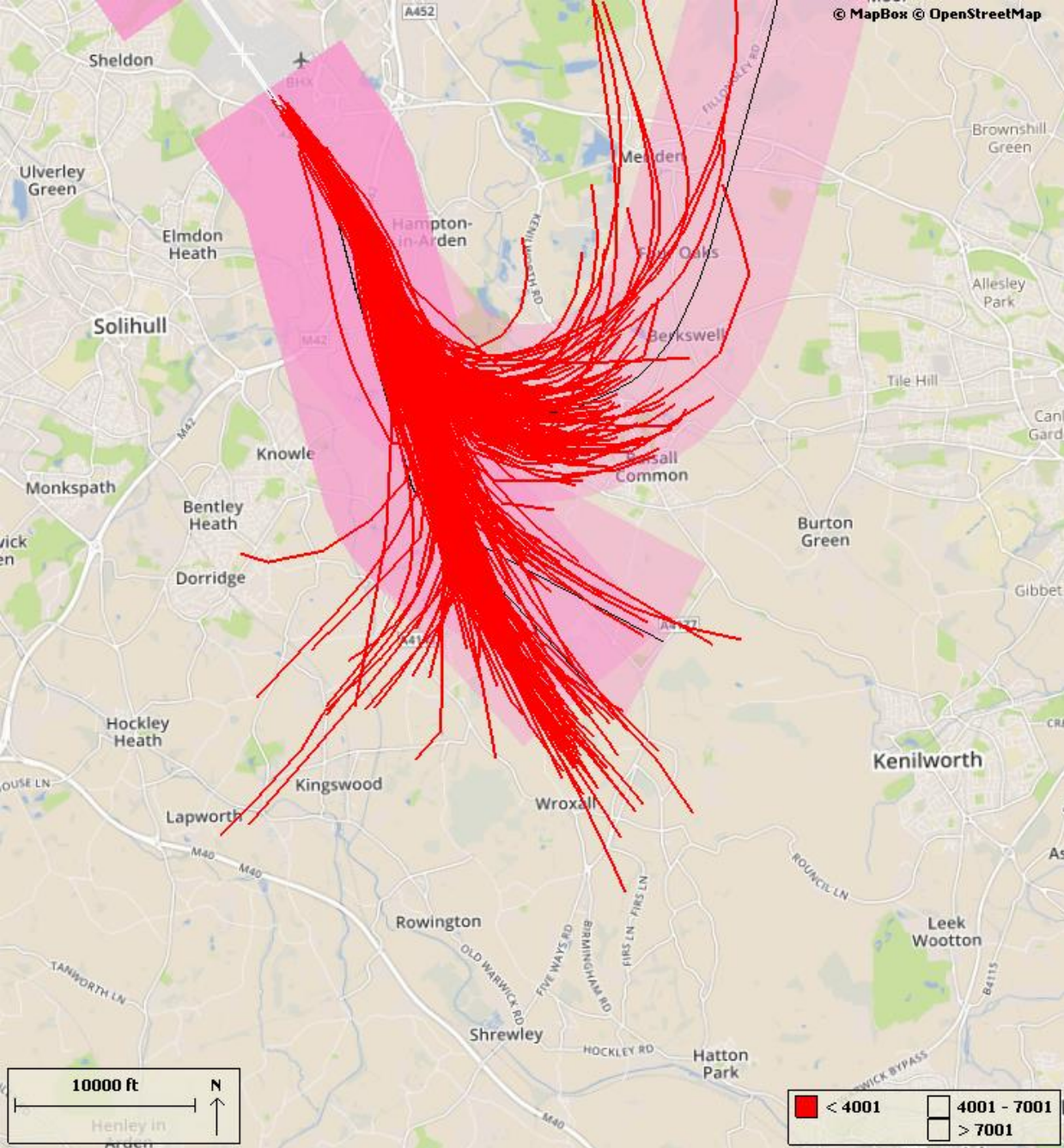
Departures from runway 15  
(pre-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 143

Southbound = 292

Total = 435



15<sup>th</sup> – 21<sup>st</sup> June 2013

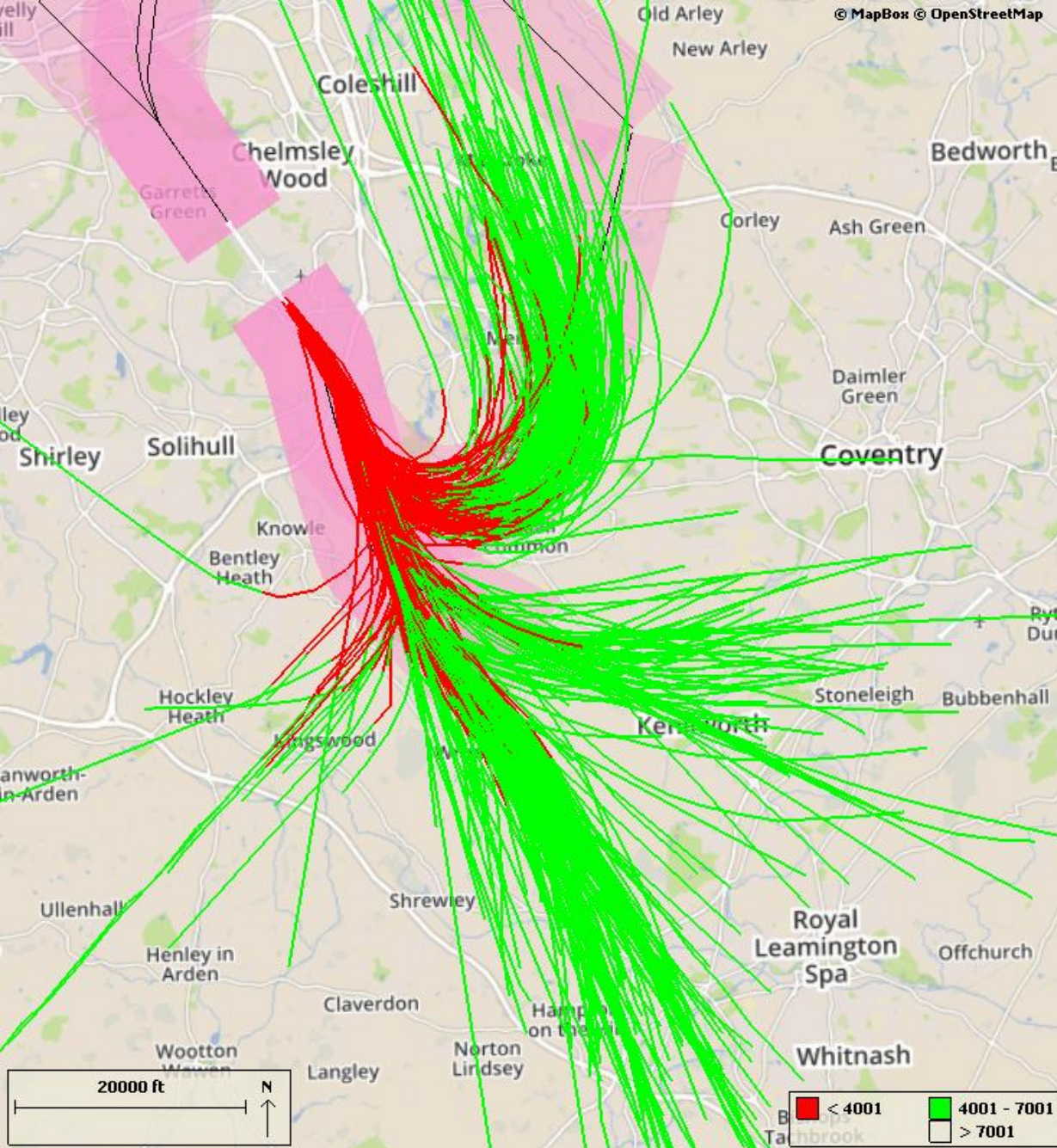
Departures from runway 15  
(pre-implementation) up to  
4,000 feet

Number of Movements:

Northbound = 143

Southbound = 292

Total = 435



15<sup>th</sup> – 21<sup>st</sup> June 2013

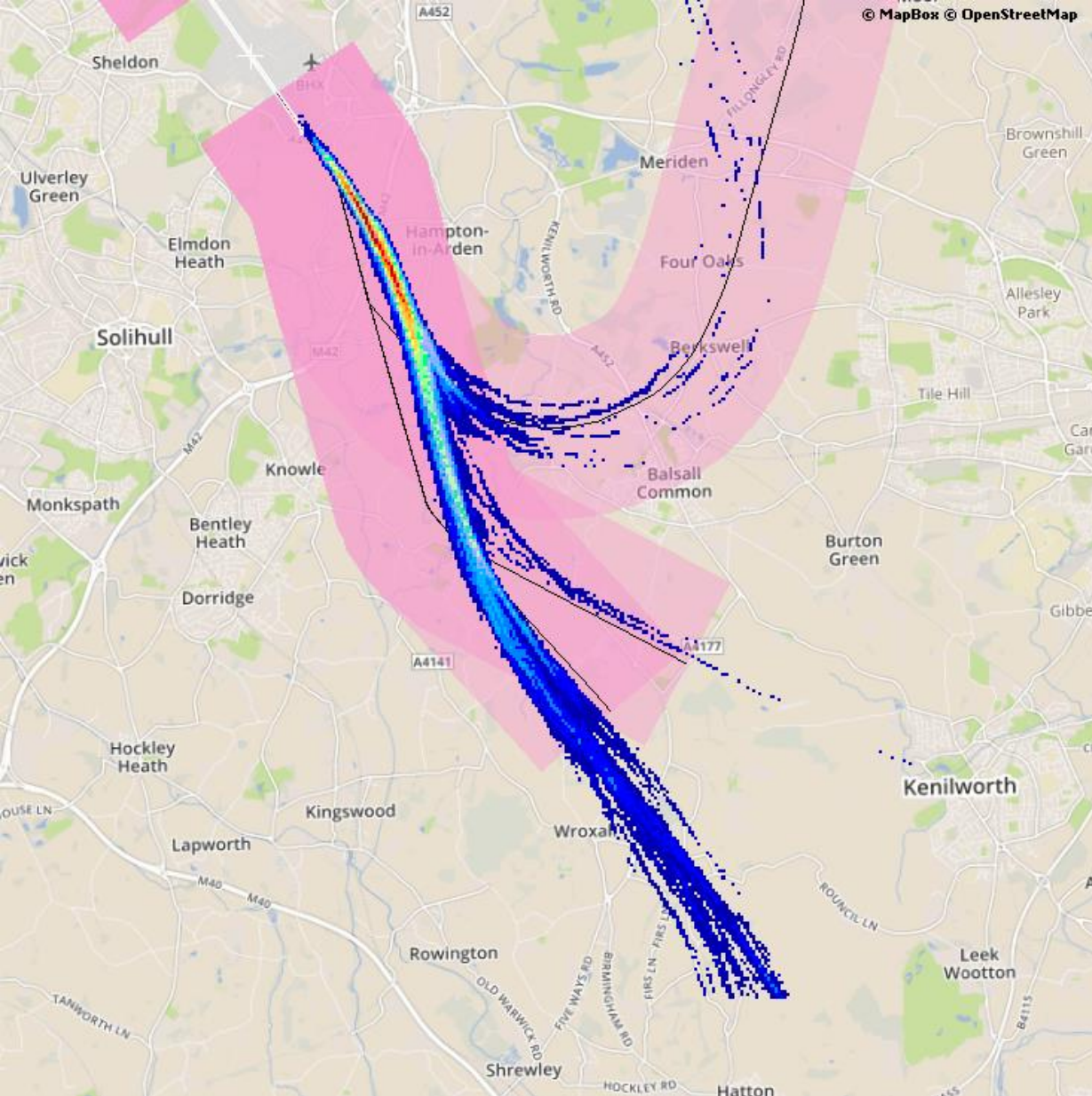
Departures from runway 15  
(pre-implementation) up to  
4,000 & 7,000 feet

Number of Movements:

Northbound = 143

Southbound = 292

Total = 435



15<sup>th</sup> – 21<sup>st</sup> June 2013

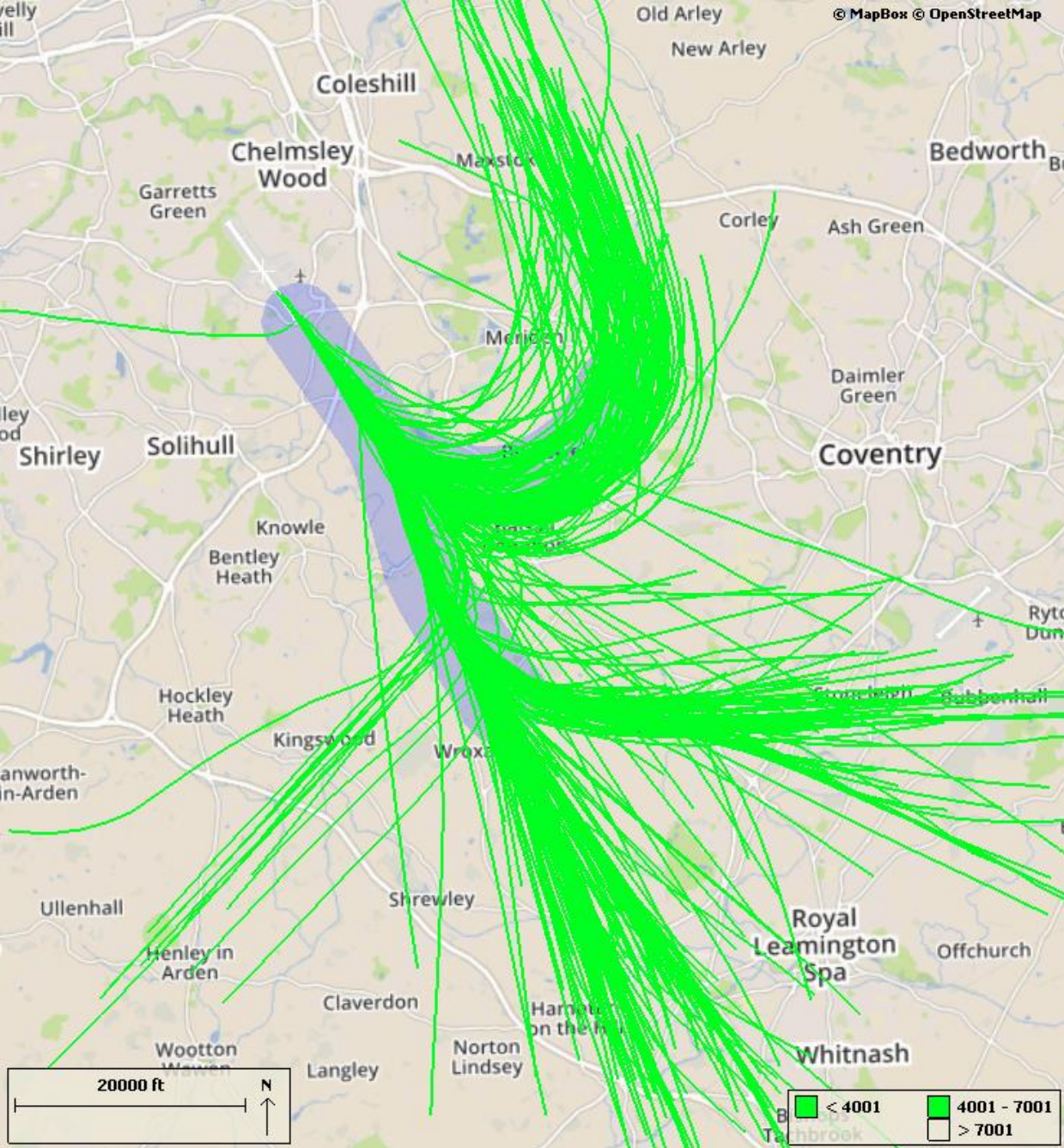
Track density plot for  
departures from runway 15  
(pre-implementation)

Number of Movements:

Northbound = 143

Southbound = 292

Total = 435



23<sup>rd</sup> – 30<sup>th</sup> June 2016

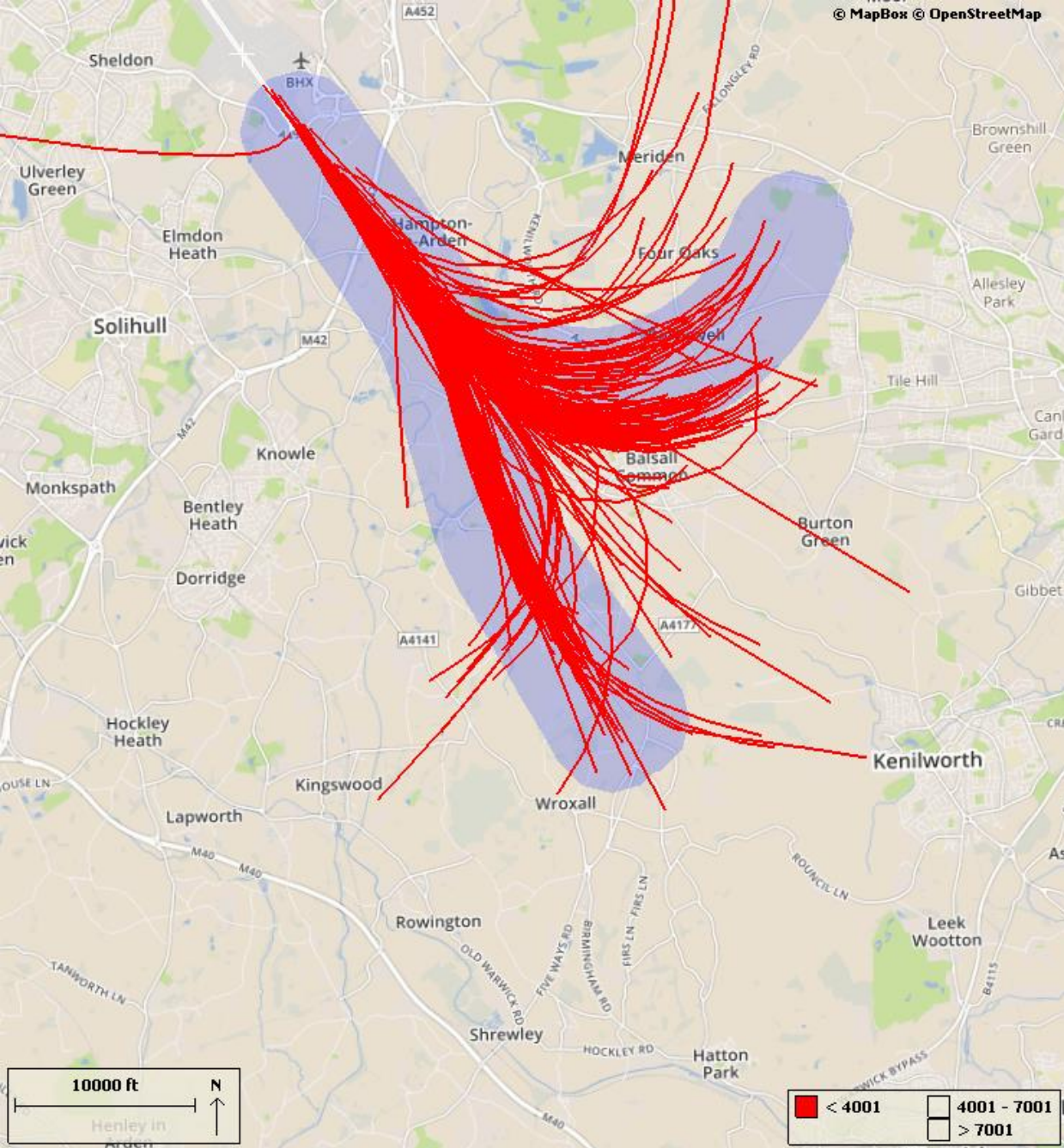
Departures from runway 15  
(post-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 132

Southbound = 297

Total = 429



23<sup>rd</sup> – 30<sup>th</sup> June 2016

Departures from runway 15  
(post-implementation) up to  
4,000 feet

Number of Movements:

Northbound = 132

Southbound = 297

Total = 429



23<sup>rd</sup> – 30<sup>th</sup> June 2016

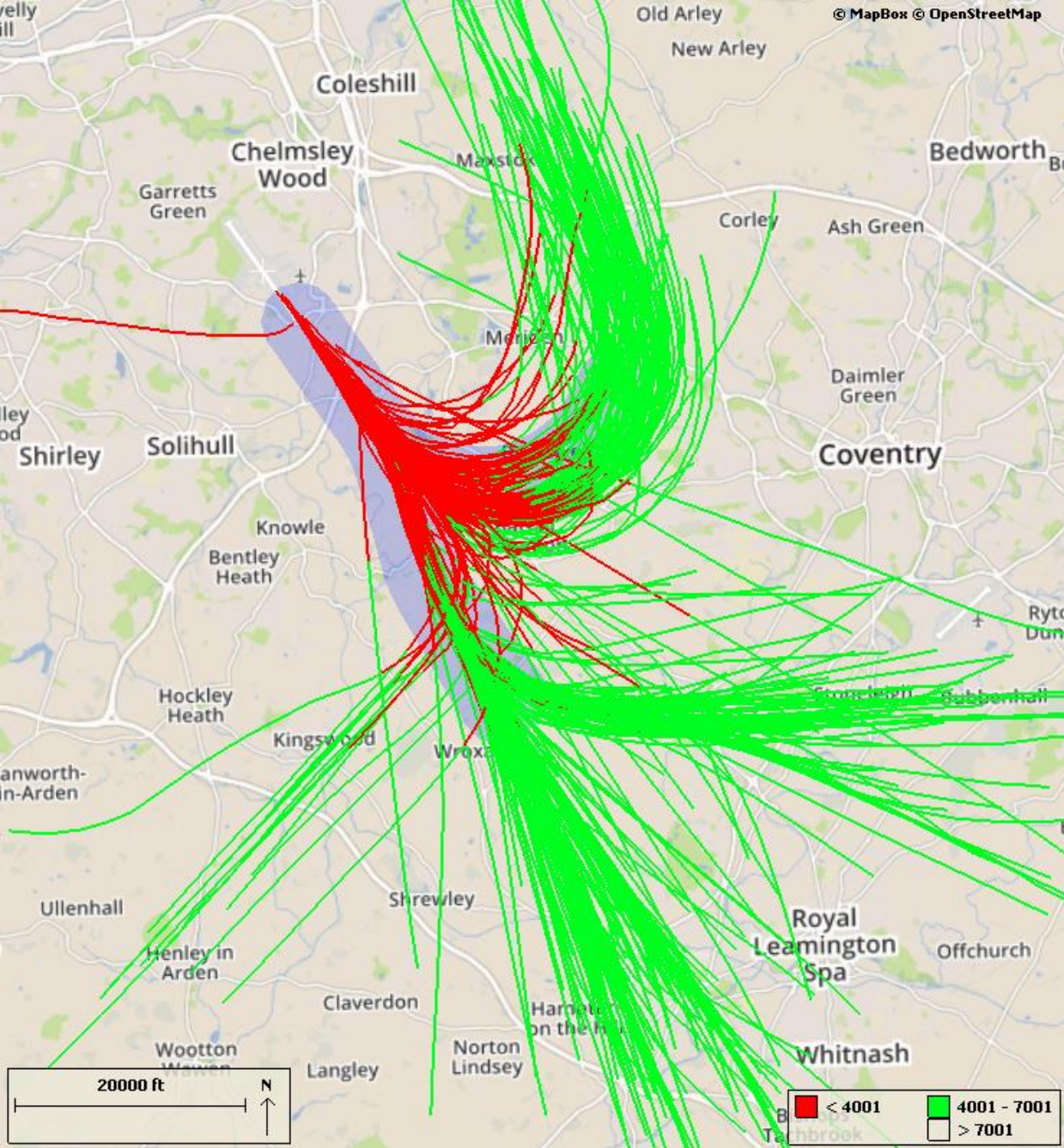
Departures from runway 15  
(post-implementation) up to  
4,000 & 7,000 feet

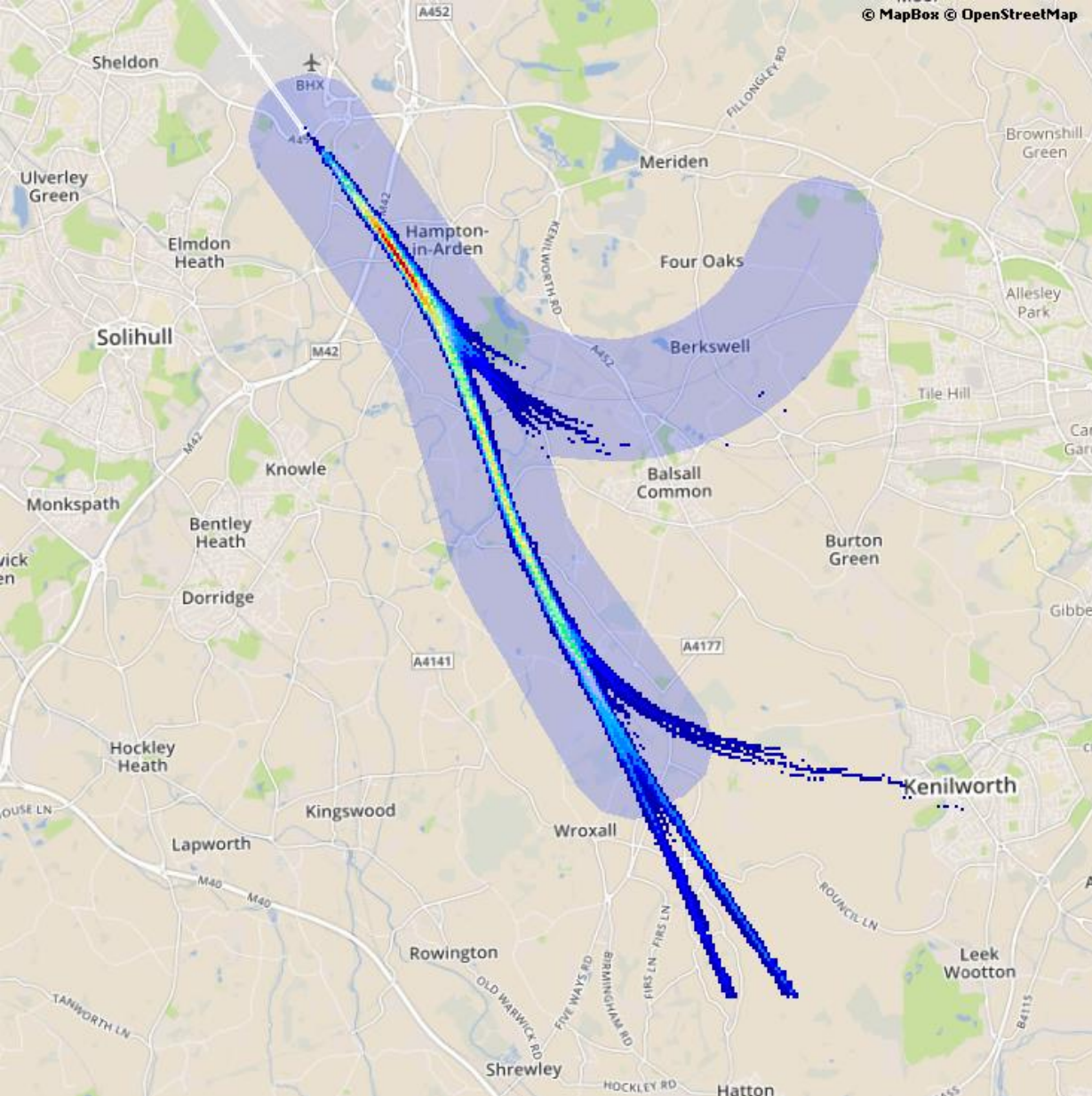
Number of Movements:

Northbound = 132

Southbound = 297

Total = 429





23<sup>rd</sup> – 30<sup>th</sup> June 2016

Track density plot for departures from runway 15 (post-implementation)

Number of Movements:

Northbound = 132

Southbound = 297

Total = 429

22<sup>nd</sup> – 28<sup>th</sup> September 2013

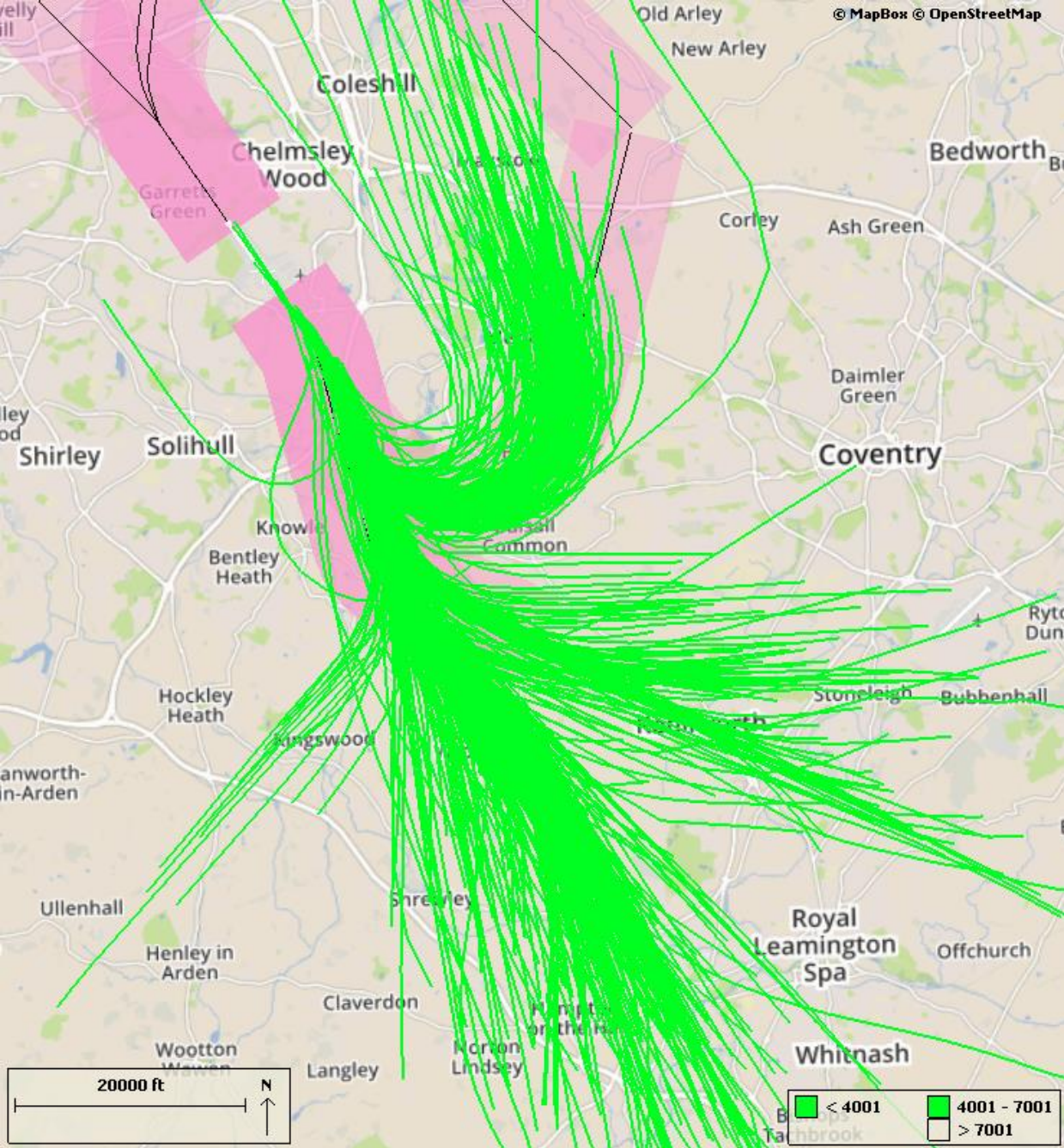
Departures from runway 15  
(pre-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 444

Southbound = 162

Total = 606

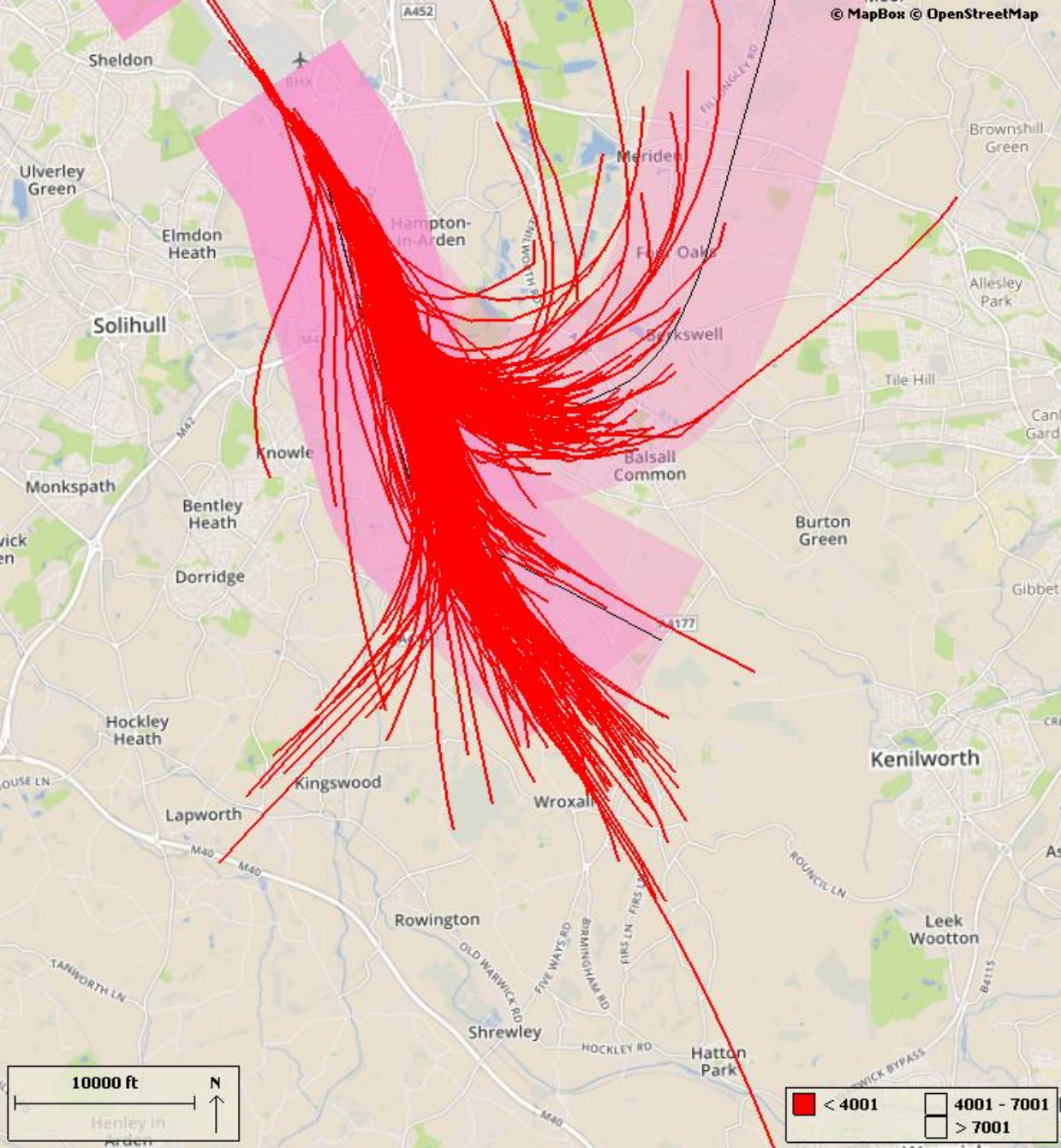


22<sup>nd</sup> – 28<sup>th</sup> September 2013

Departures from runway 15  
(pre-implementation) up to  
4,000 feet

Number of Movements:

Northbound = 444  
Southbound = 162  
Total = 606



22<sup>nd</sup> – 28<sup>th</sup> September 2013

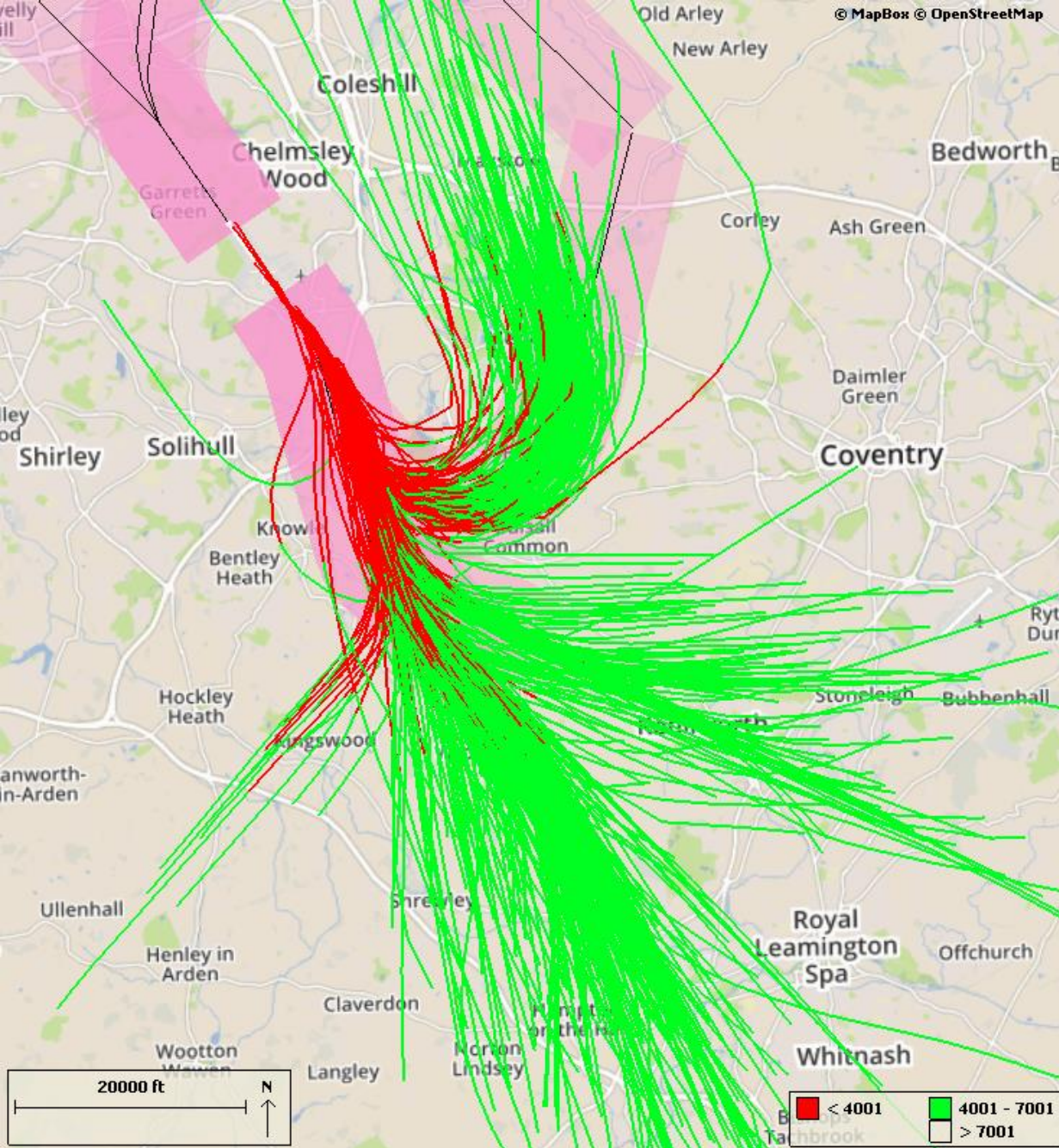
Departures from runway 15  
(pre-implementation) up to  
4,000 & 7,000 feet

Number of Movements:

Northbound = 444

Southbound = 162

Total = 606



22<sup>nd</sup> – 28<sup>th</sup> September 2013

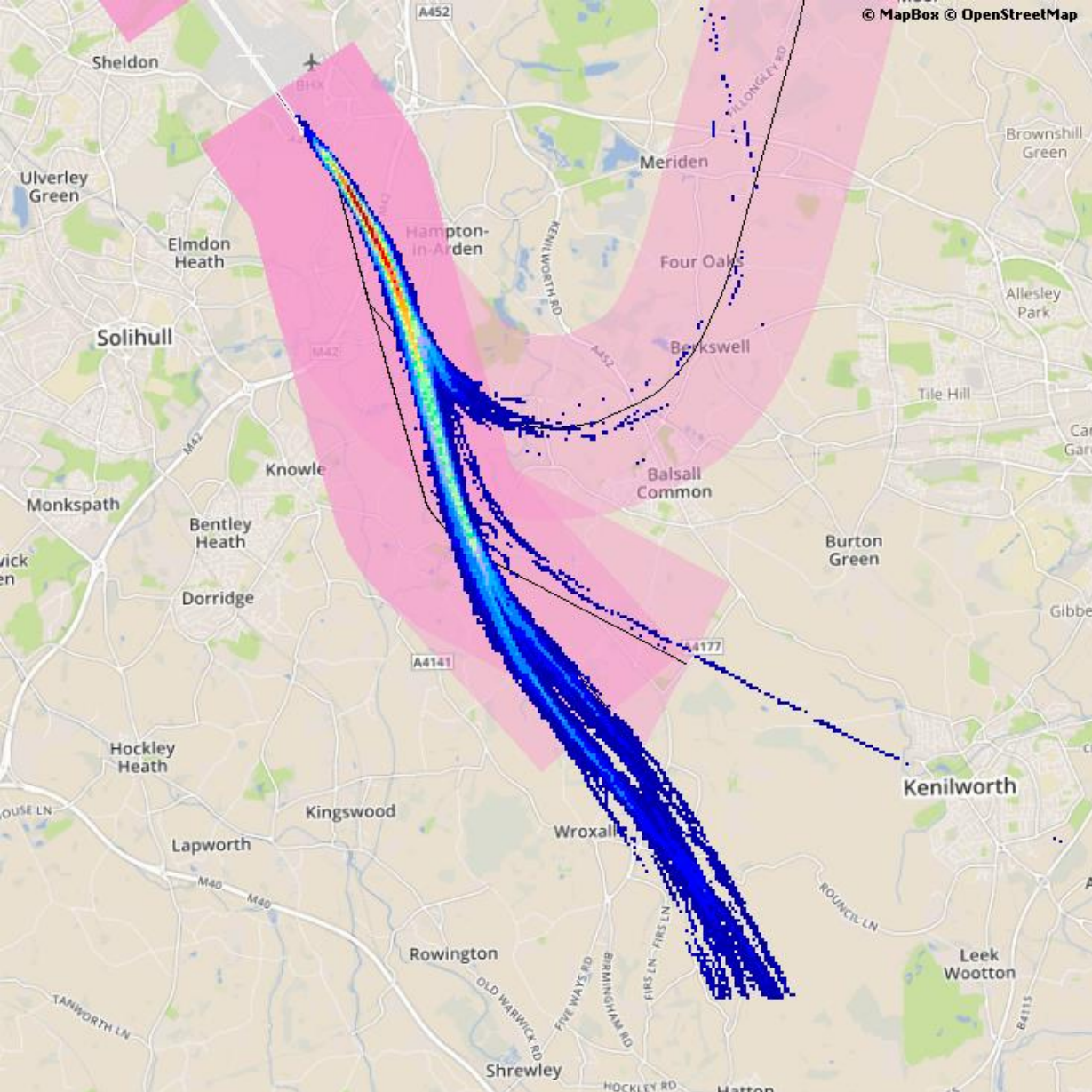
Track density plot for  
departures from runway 15  
(pre-implementation)

Number of Movements:

Northbound = 444

Southbound = 162

Total = 606



22<sup>nd</sup> – 28<sup>th</sup> September 2016

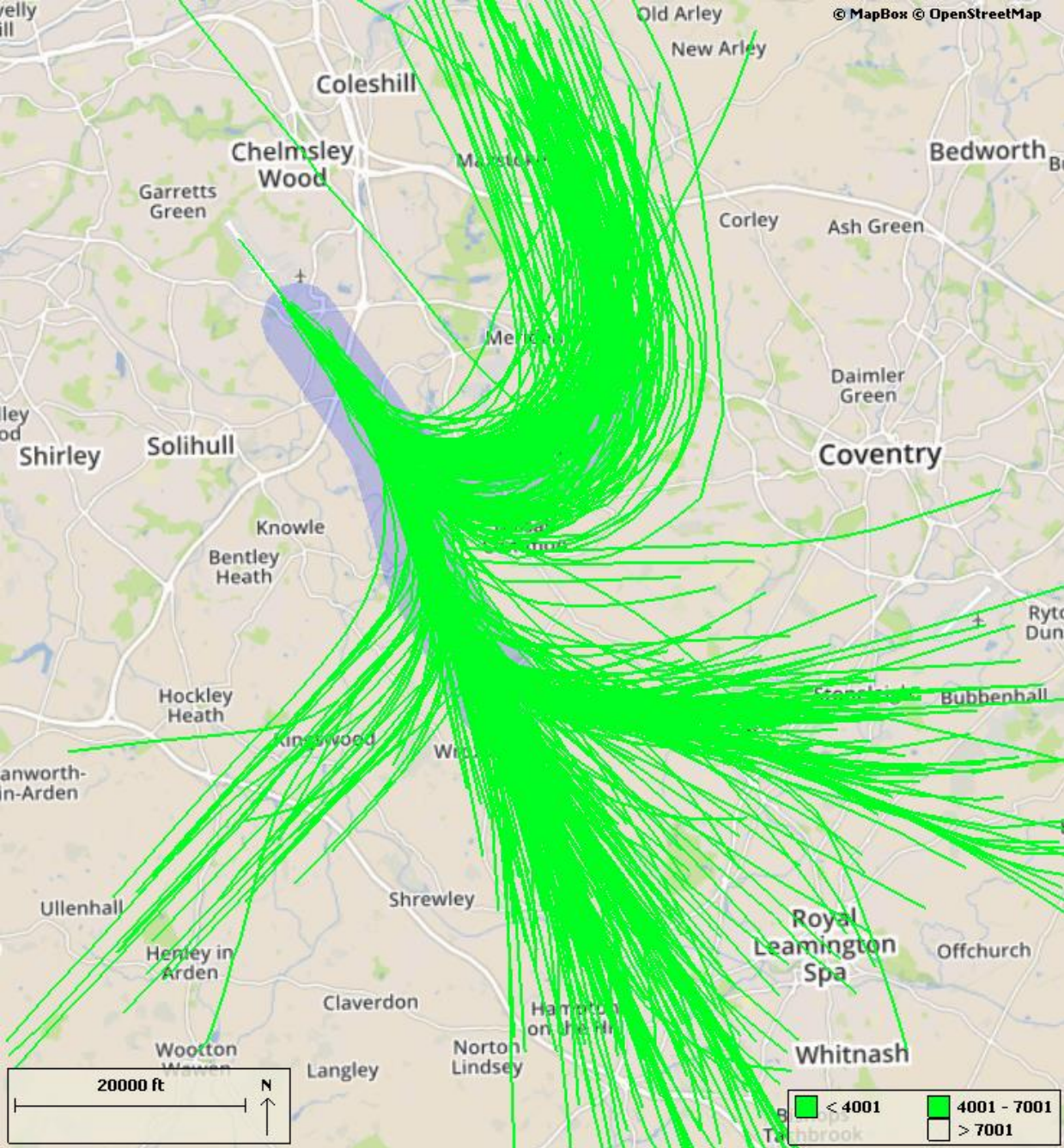
Departures from runway 15  
(post-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 164

Southbound = 509

Total = 673

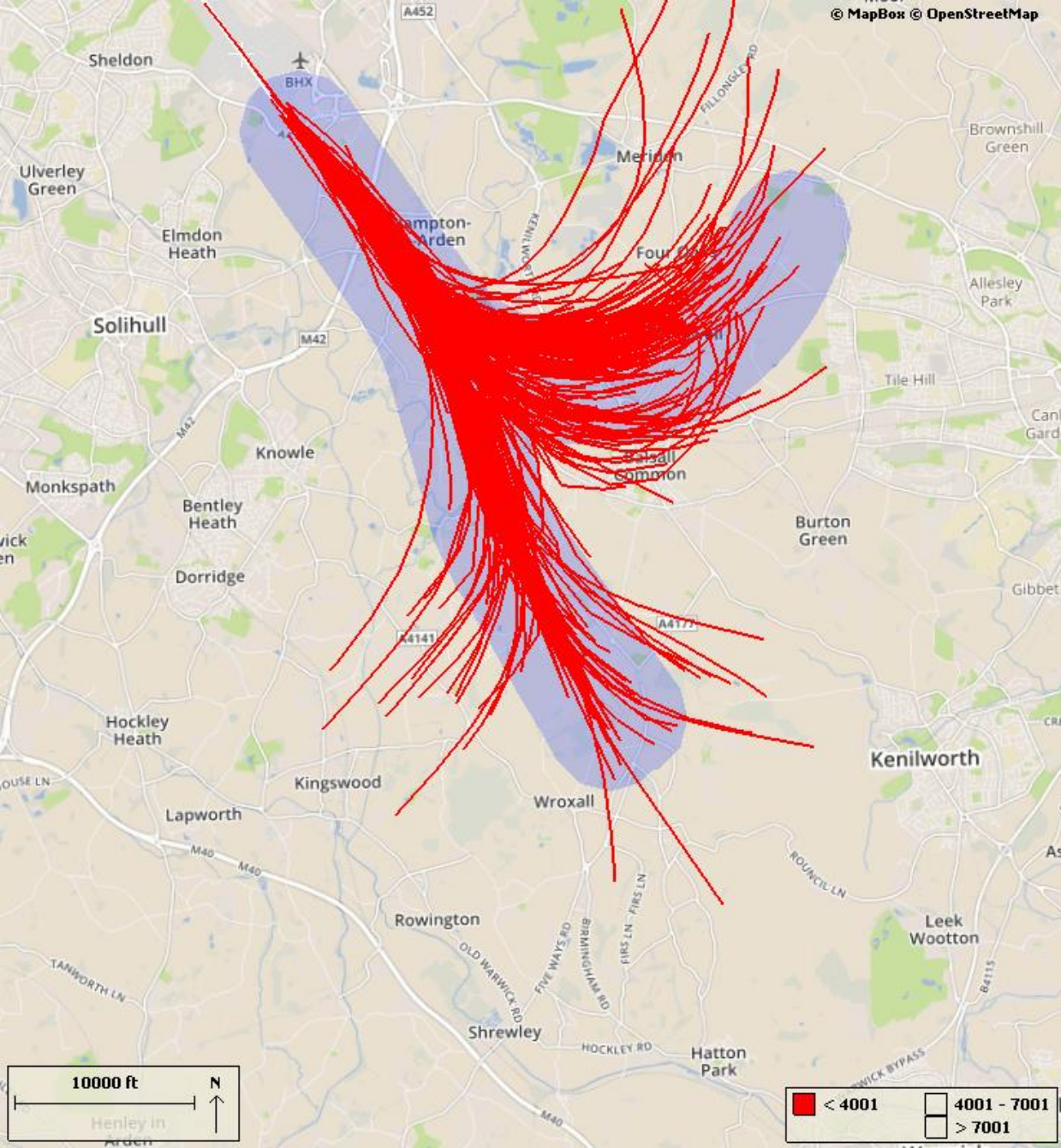


22<sup>nd</sup> – 28<sup>th</sup> September 2016

Departures from runway 15  
(post-implementation) up to  
4,000 feet

Number of Movements:

Northbound = 164  
Southbound = 509  
Total = 673





22<sup>nd</sup> – 28<sup>th</sup> September 2016

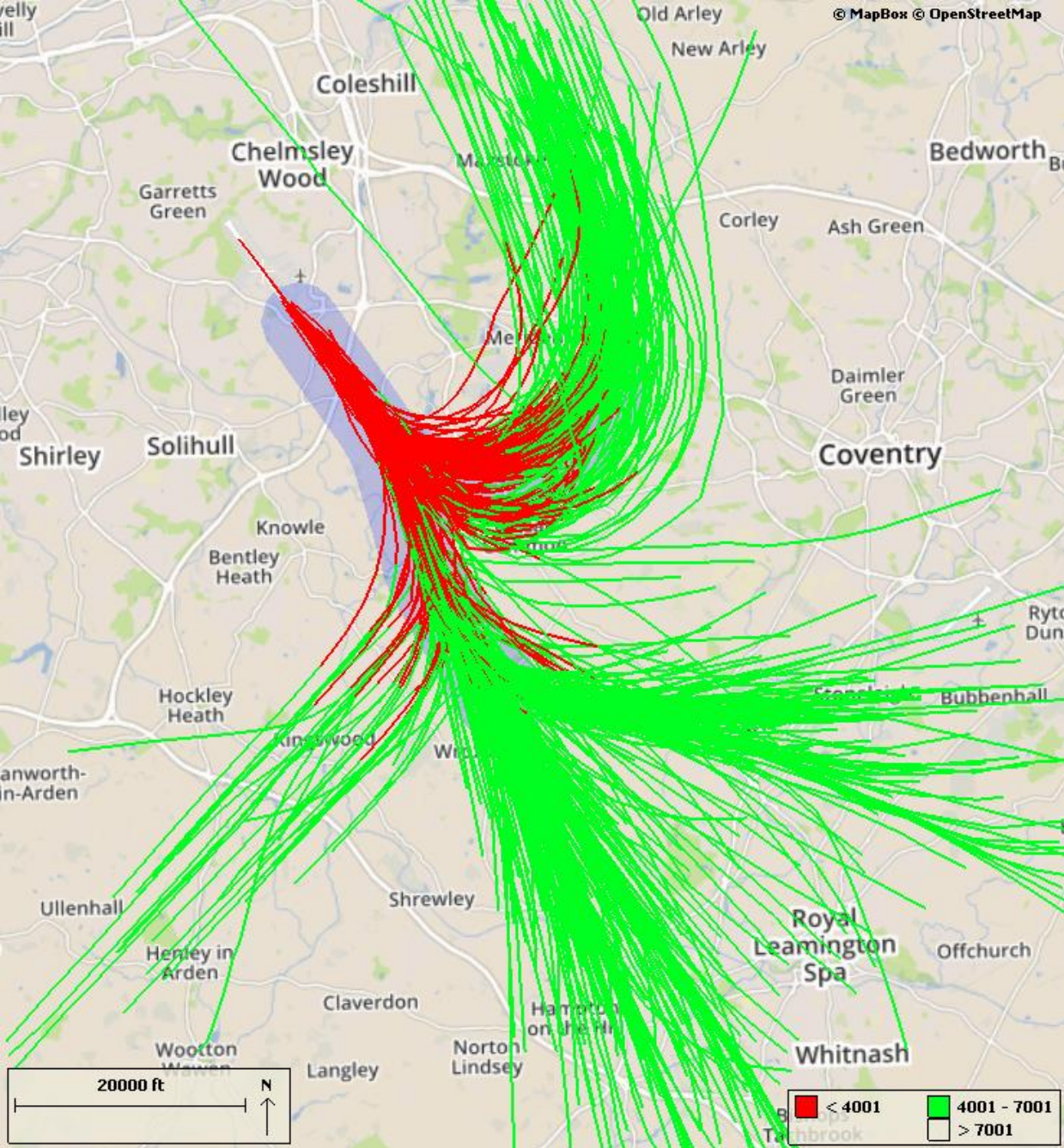
Departures from runway 15  
(post-implementation) up to  
4,000 & 7,000 feet

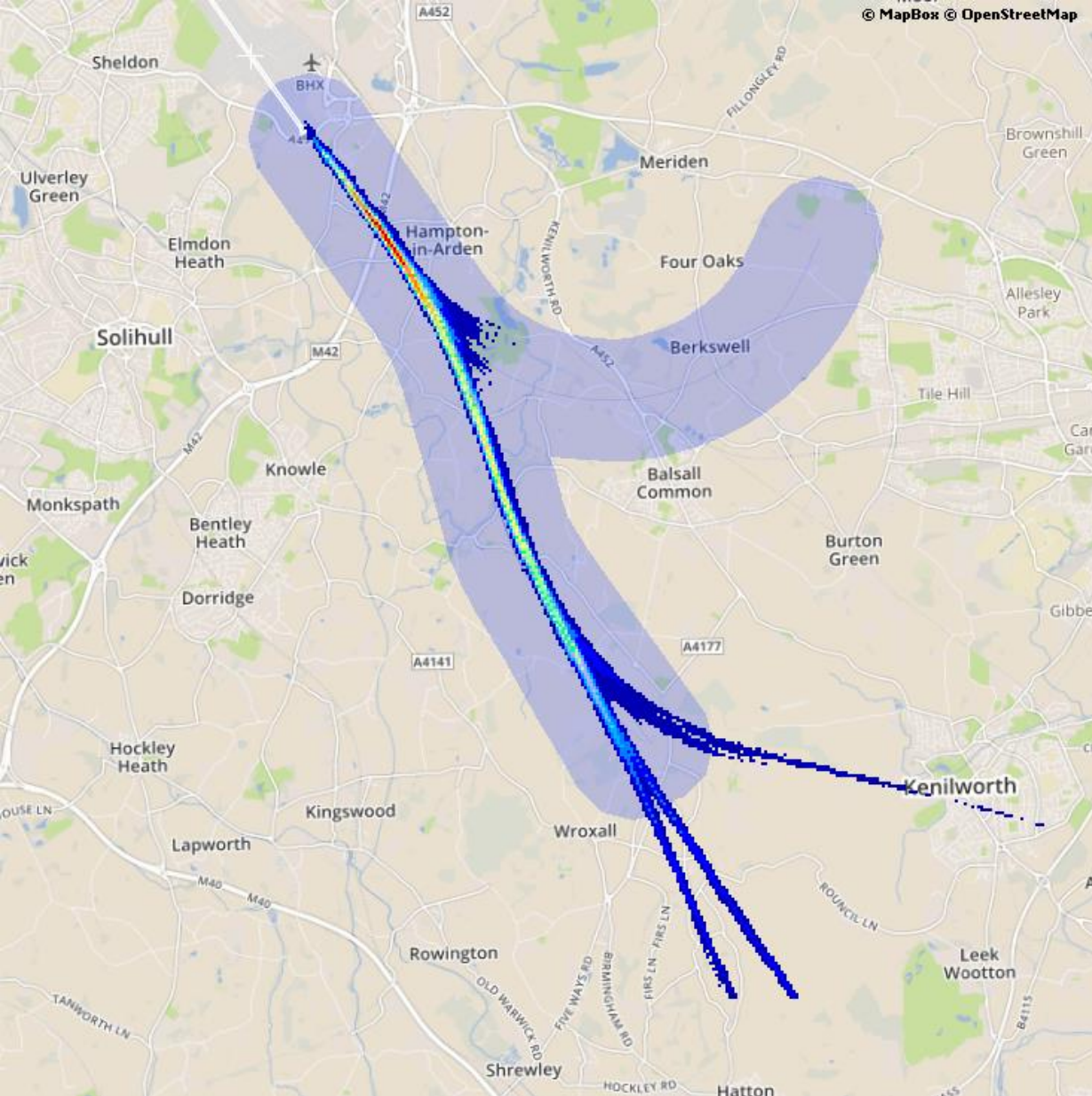
Number of Movements:

Northbound = 164

Southbound = 509

Total = 673





22<sup>nd</sup> – 28<sup>th</sup> September 2016

Track density plot for departures from runway 15 (post-implementation)

Number of Movements:

Northbound = 164

Southbound = 509

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22<sup>nd</sup> – 28<sup>th</sup> December 2013

Departures from runway 15  
(pre-implementation) up to  
7,000 feet

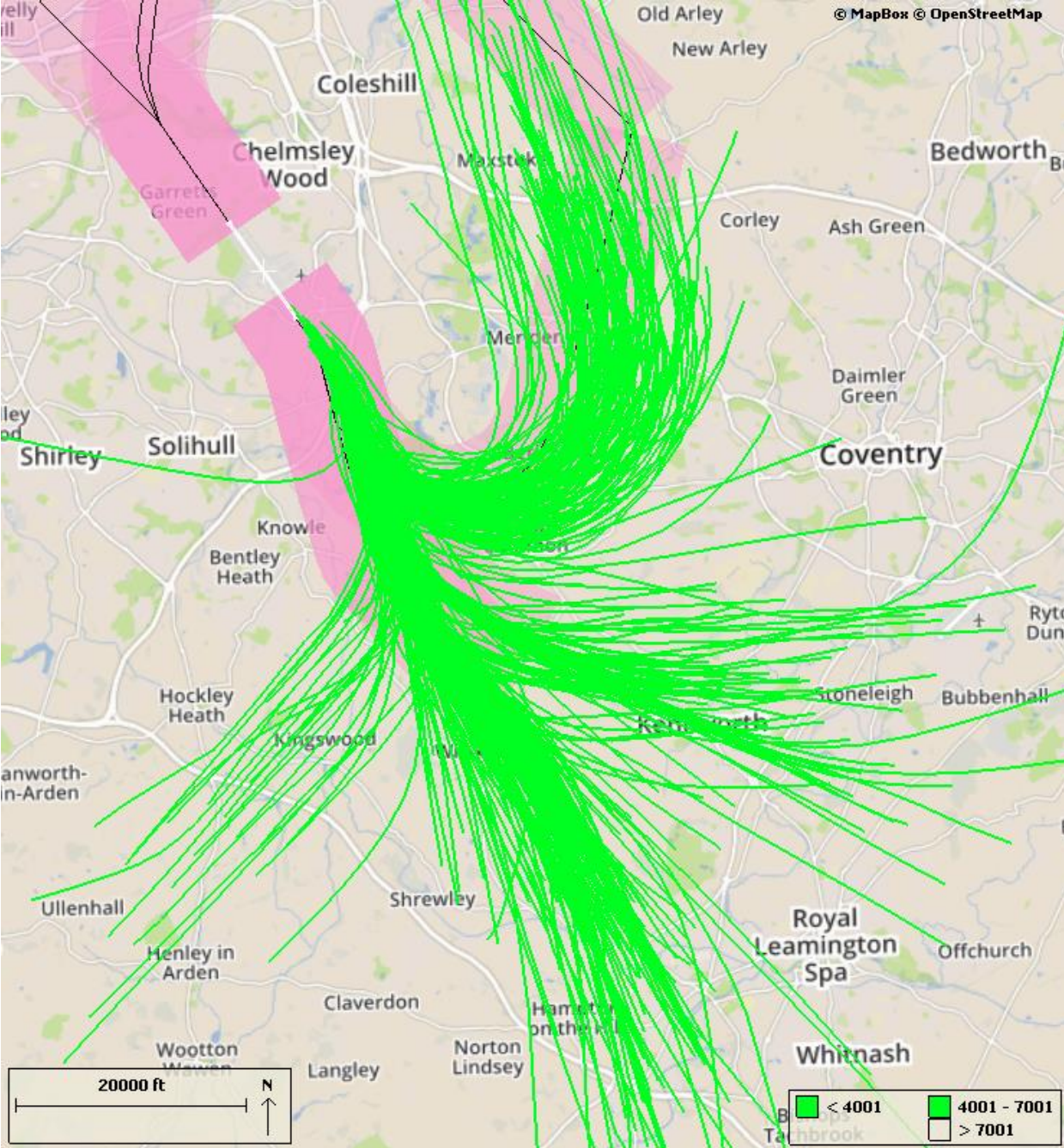
Number of Movements:

Northbound = 311

Southbound = 122

Total = 433\*

\*figure corrected from 437 in previous report.



22<sup>nd</sup> – 28<sup>th</sup> December 2013

Departures from runway 15  
(pre-implementation) up to  
4,000 feet

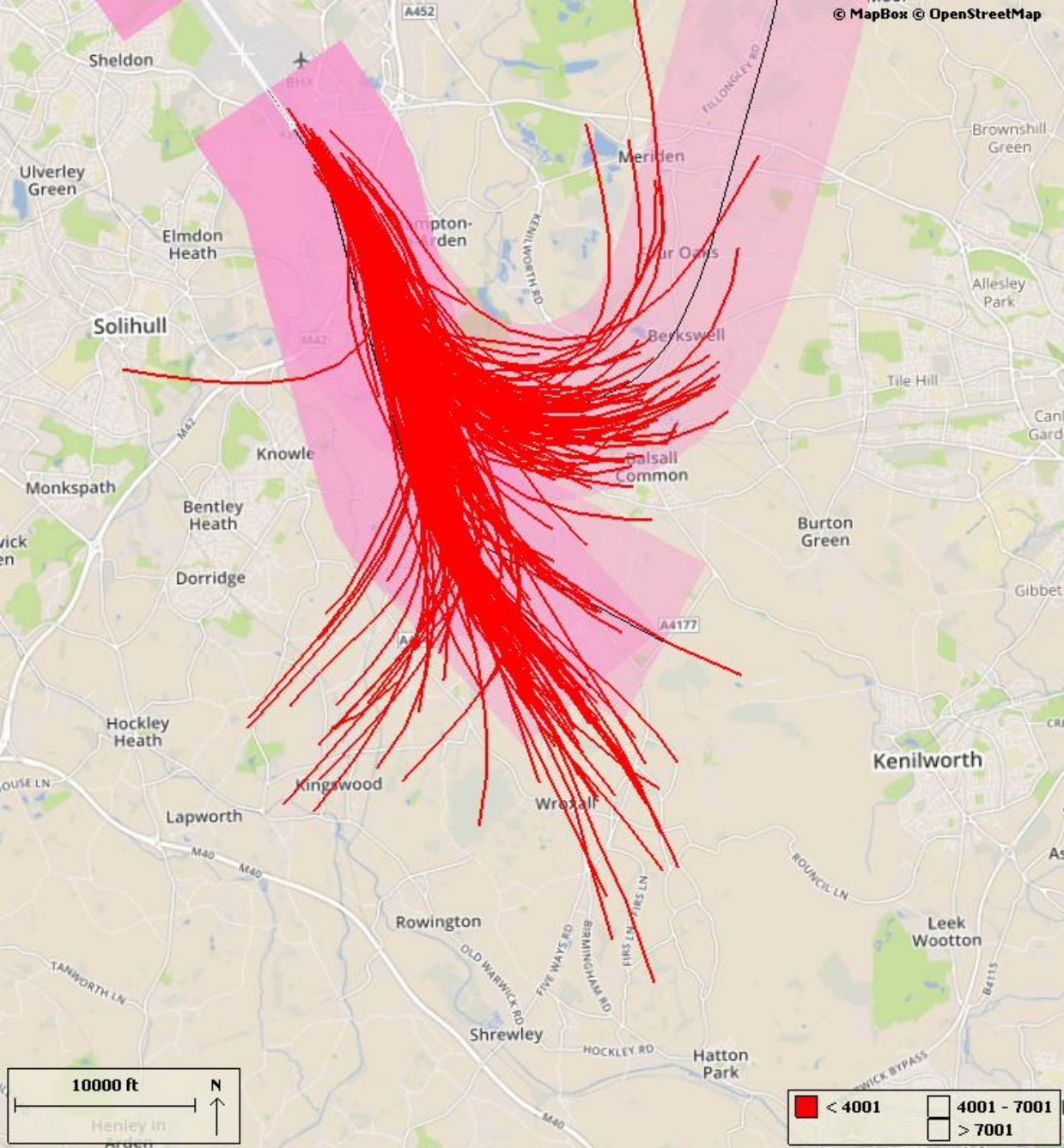
Number of Movements:

Northbound = 311

Southbound = 122

Total = 433\*

\*figure corrected from 437 in previous  
report.



22<sup>nd</sup> – 28<sup>th</sup> December 2013

Departures from runway 15  
(pre-implementation) up to  
4,000 & 7,000 feet

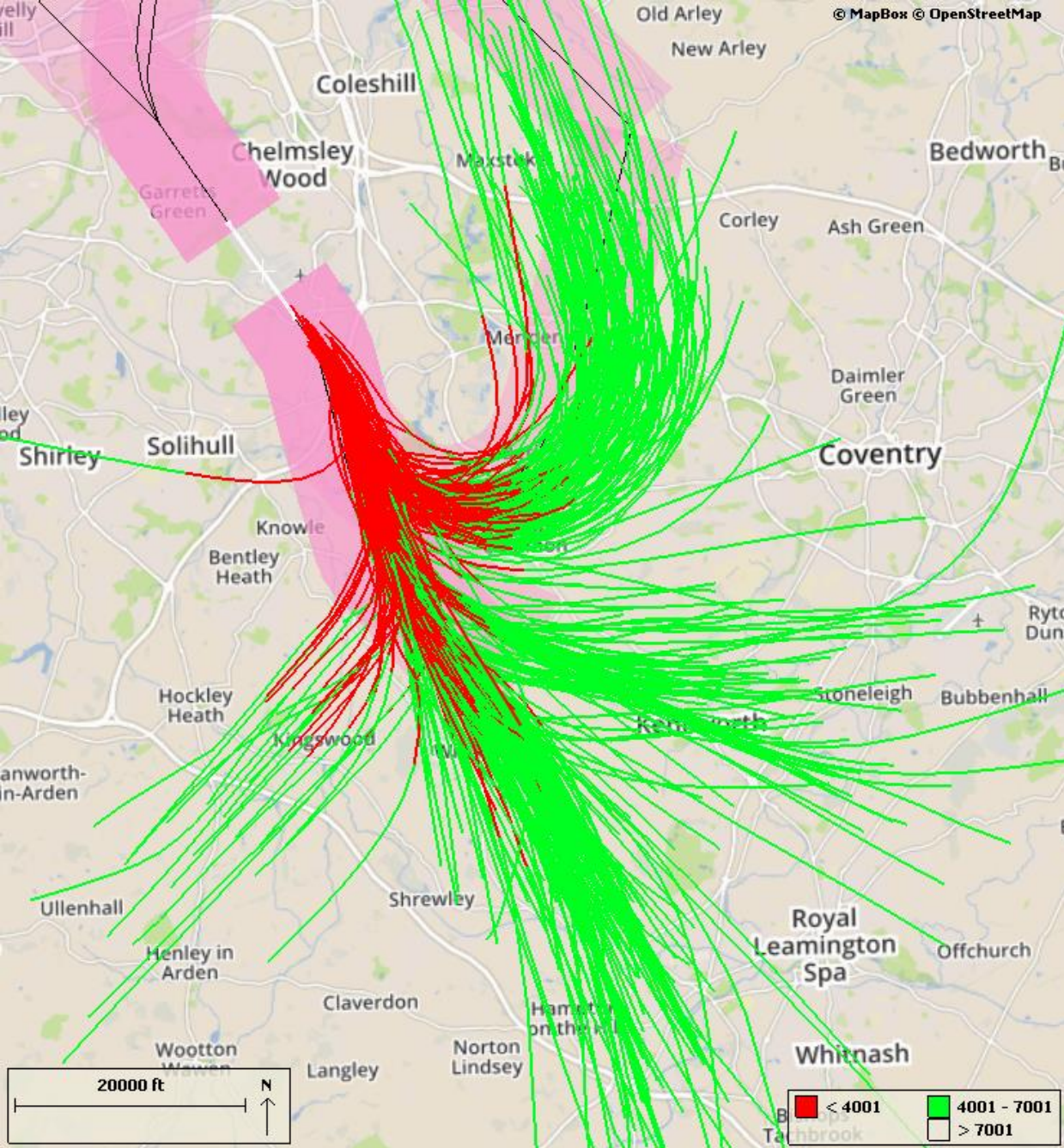
Number of Movements:

Northbound = 311

Southbound = 122

Total = 433\*

\*figure corrected from 437 in previous  
report.



22<sup>nd</sup> – 28<sup>th</sup> December 2013

Track density plot for departures from runway 15 (pre-implementation)

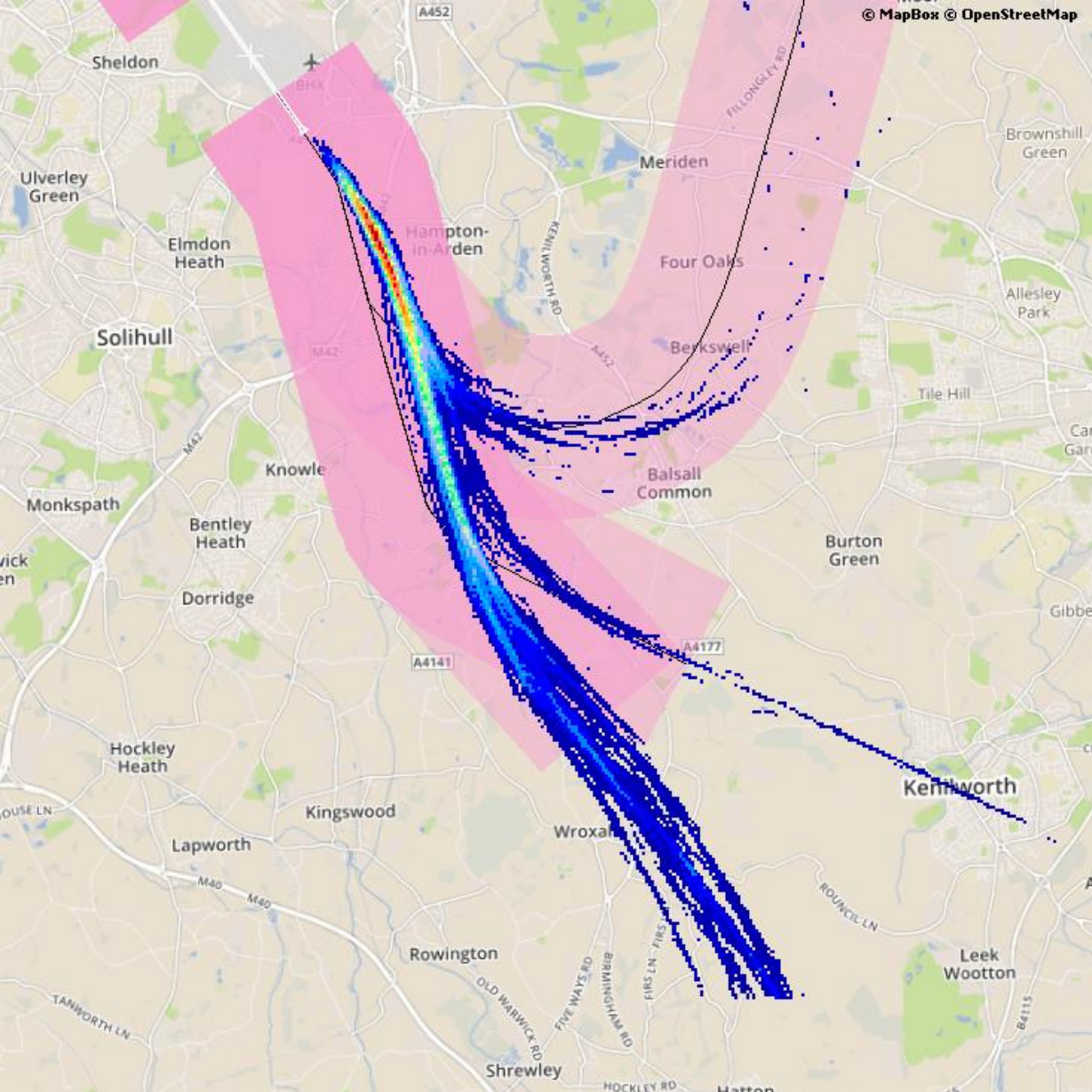
Number of Movements:

Northbound = 311

Southbound = 122

Total = 433\*

\*figure corrected from 437 in previous report.



22<sup>nd</sup> – 28<sup>th</sup> December 2016

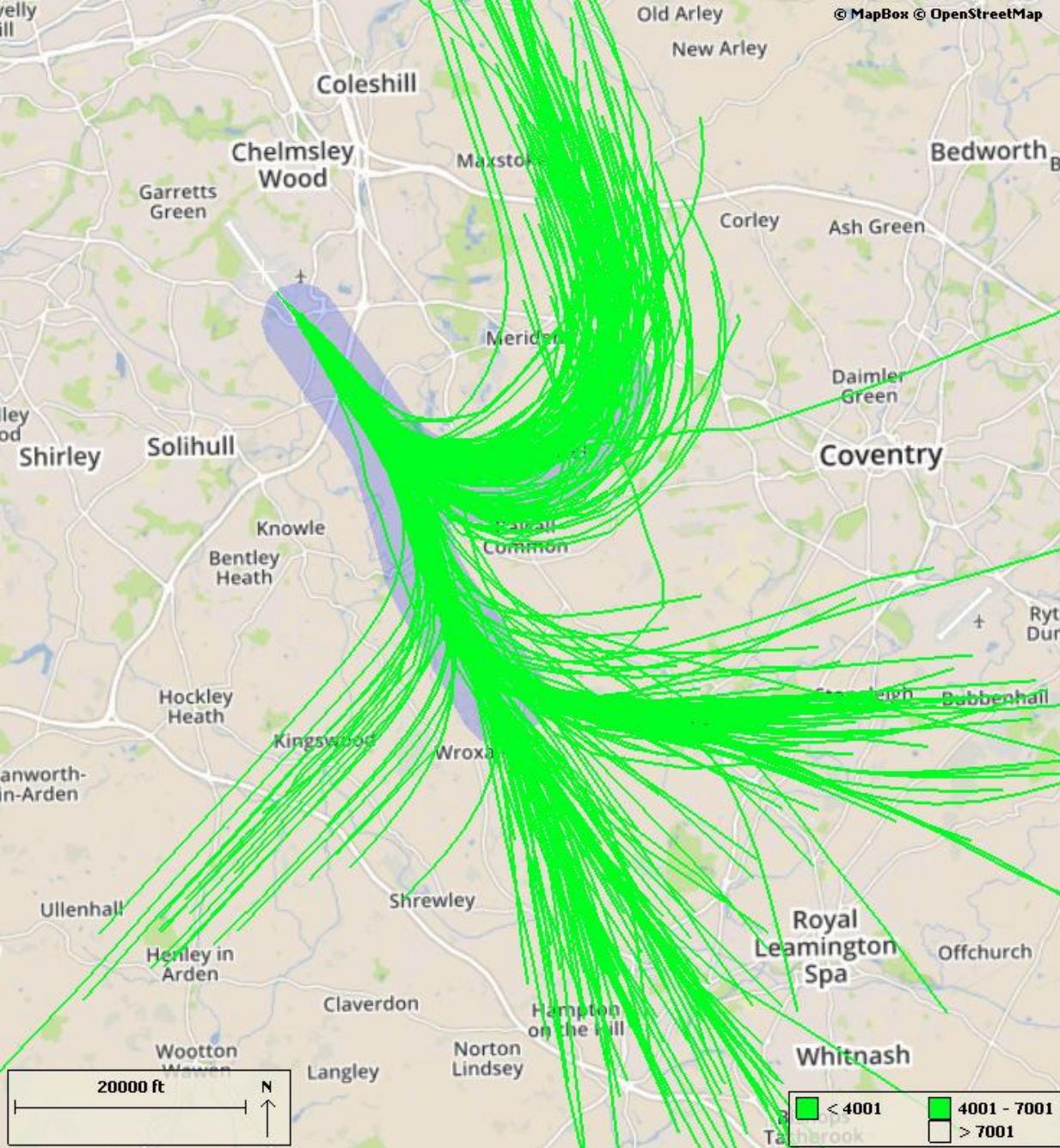
Departures from runway 15  
(post-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 113

Southbound = 252

Total = 365

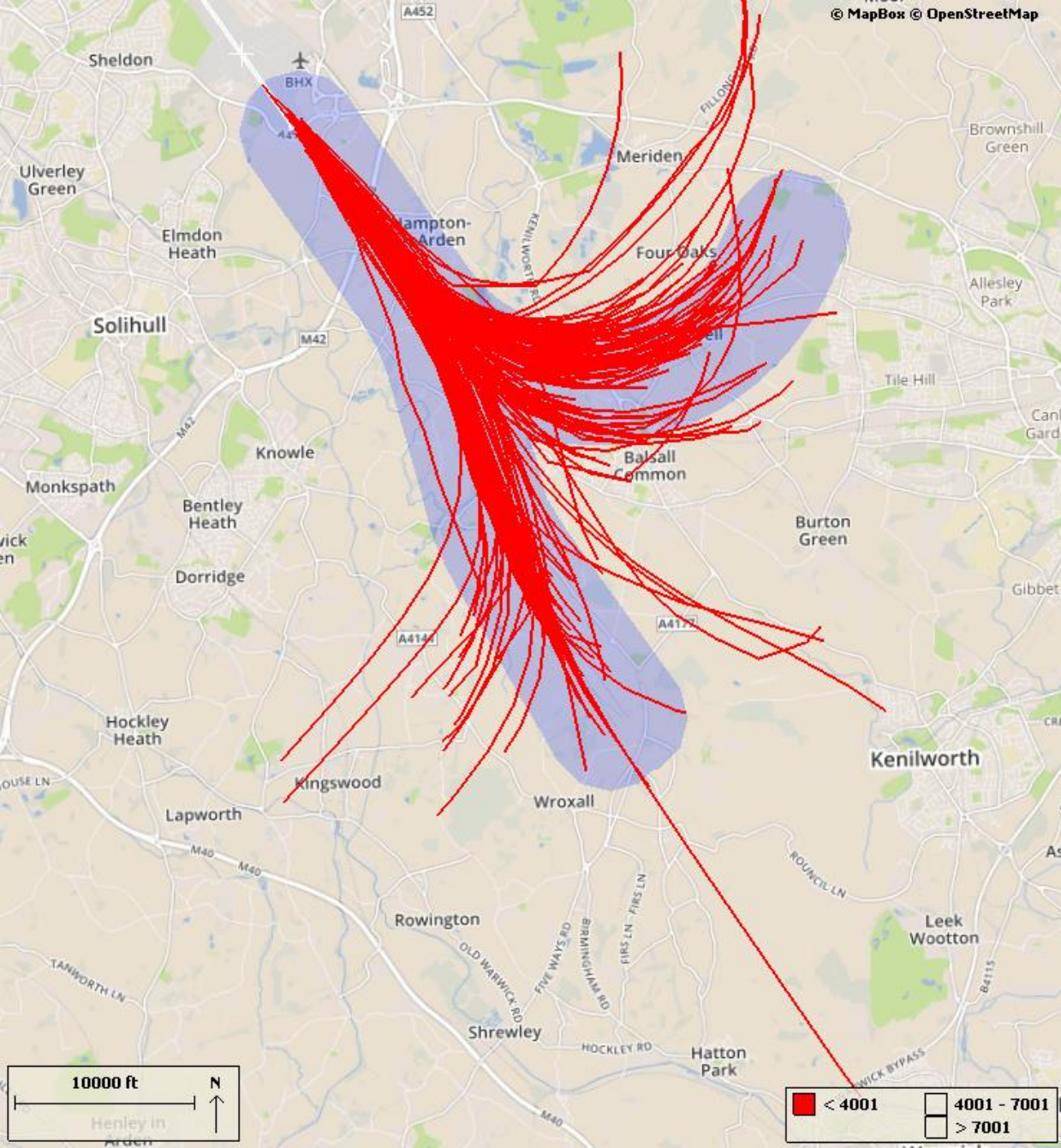


22<sup>nd</sup> – 28<sup>th</sup> December 2016

Departures from runway 15  
(post-implementation) up to  
4,000 feet

Number of Movements:

Northbound = 113  
Southbound = 252  
Total = 365



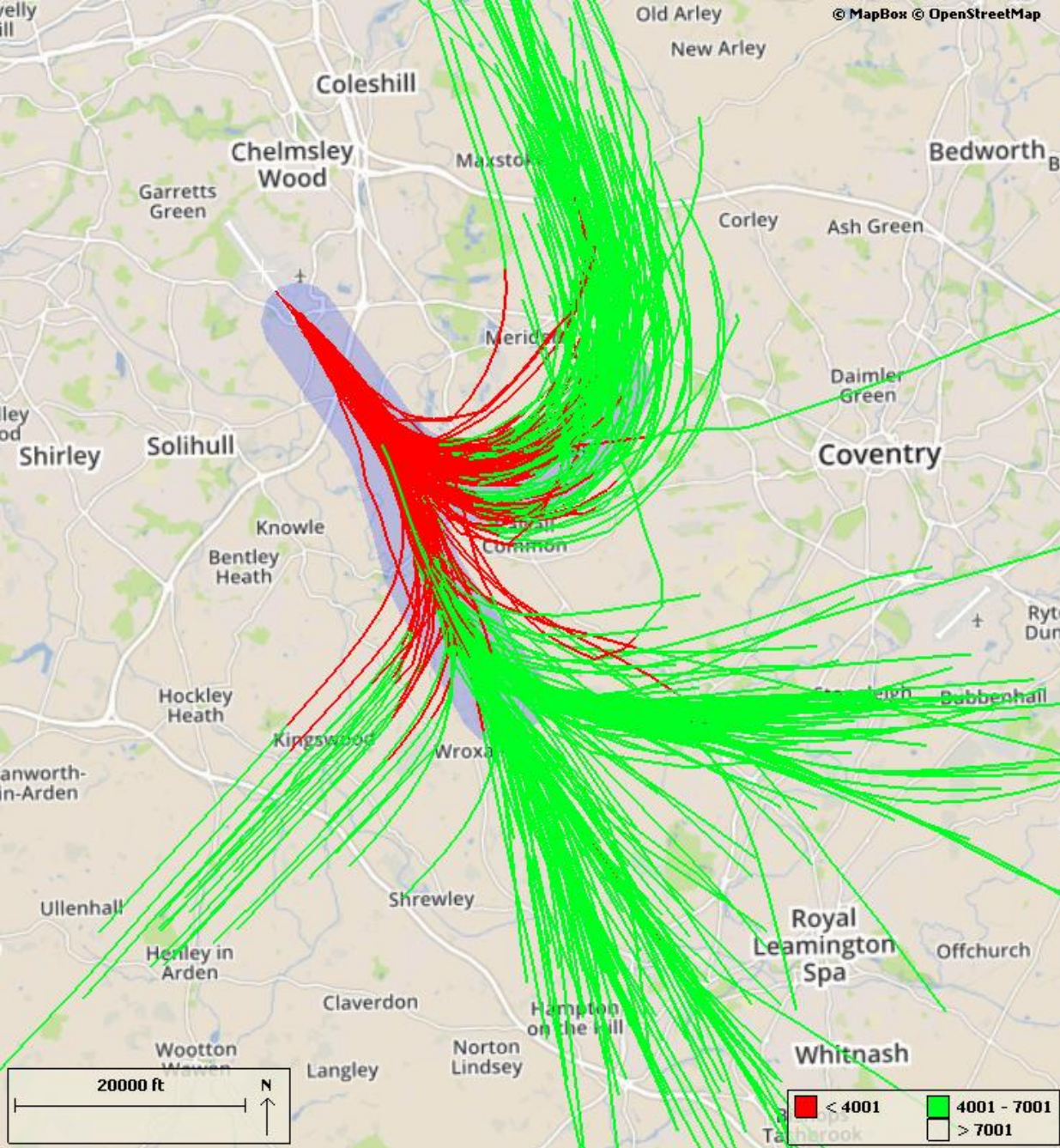


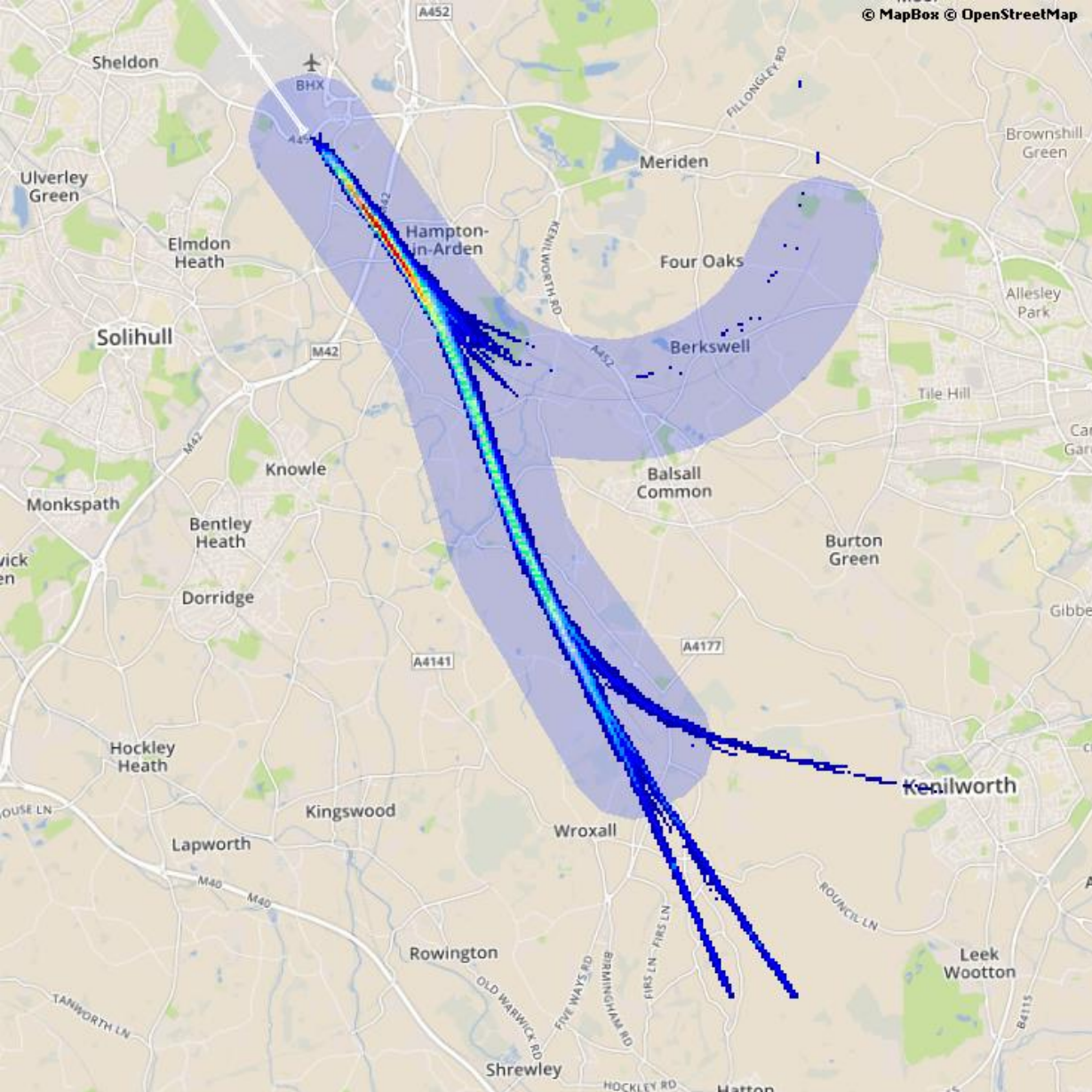
22<sup>nd</sup> – 28<sup>th</sup> December 2016

Departures from runway 15  
(post-implementation) up to  
4,000 & 7,000 feet

Number of Movements:

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22<sup>nd</sup> – 28<sup>th</sup> December 2016

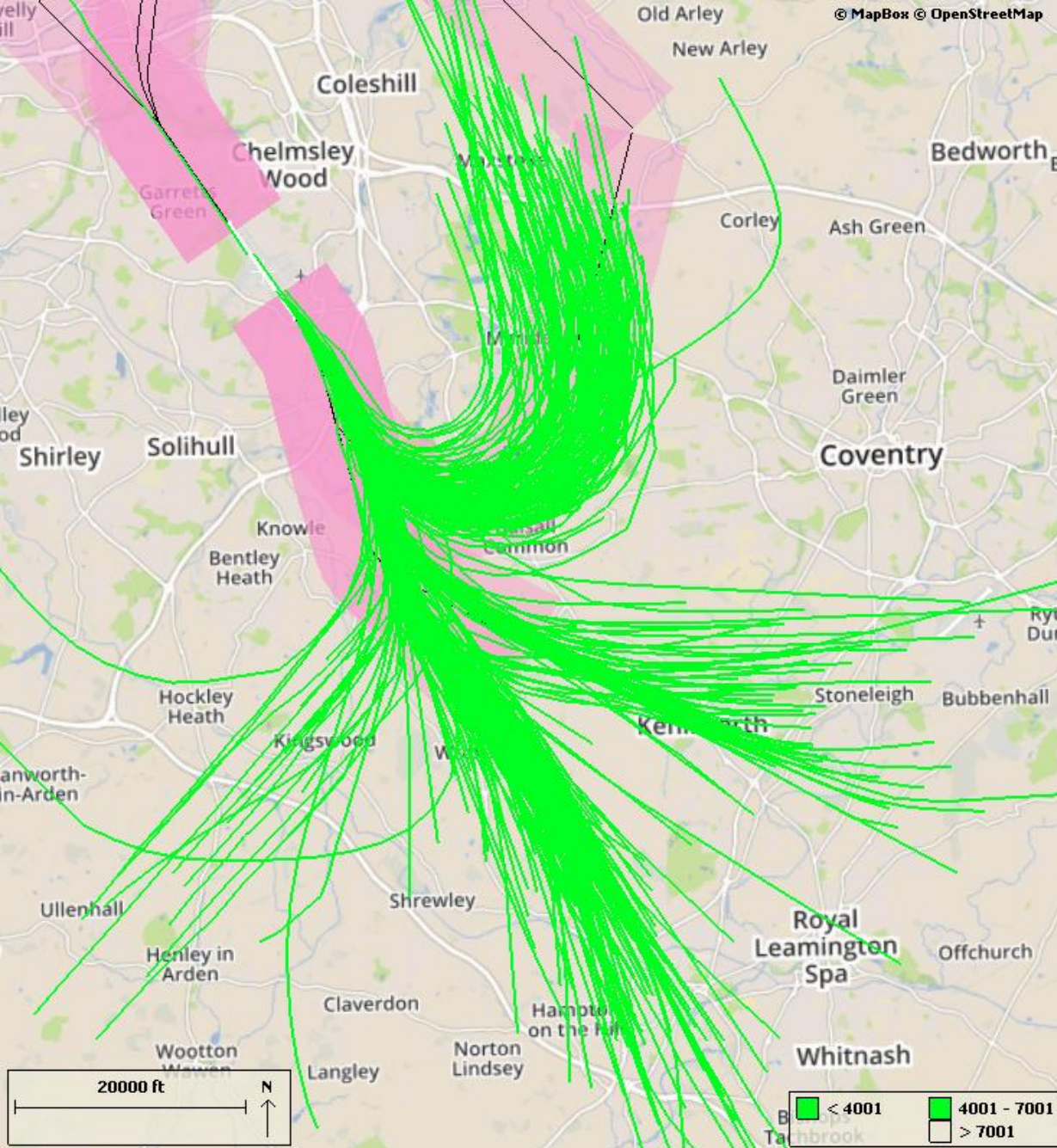
Track density plot for departures from runway 15 (post-implementation)

Number of Movements:

Northbound = 113

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Total = 365



1<sup>st</sup> – 7<sup>th</sup> March 2014

Departures from runway 15  
(pre-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 127

Southbound = 260

Total = 387

1<sup>st</sup> – 7<sup>th</sup> March 2014

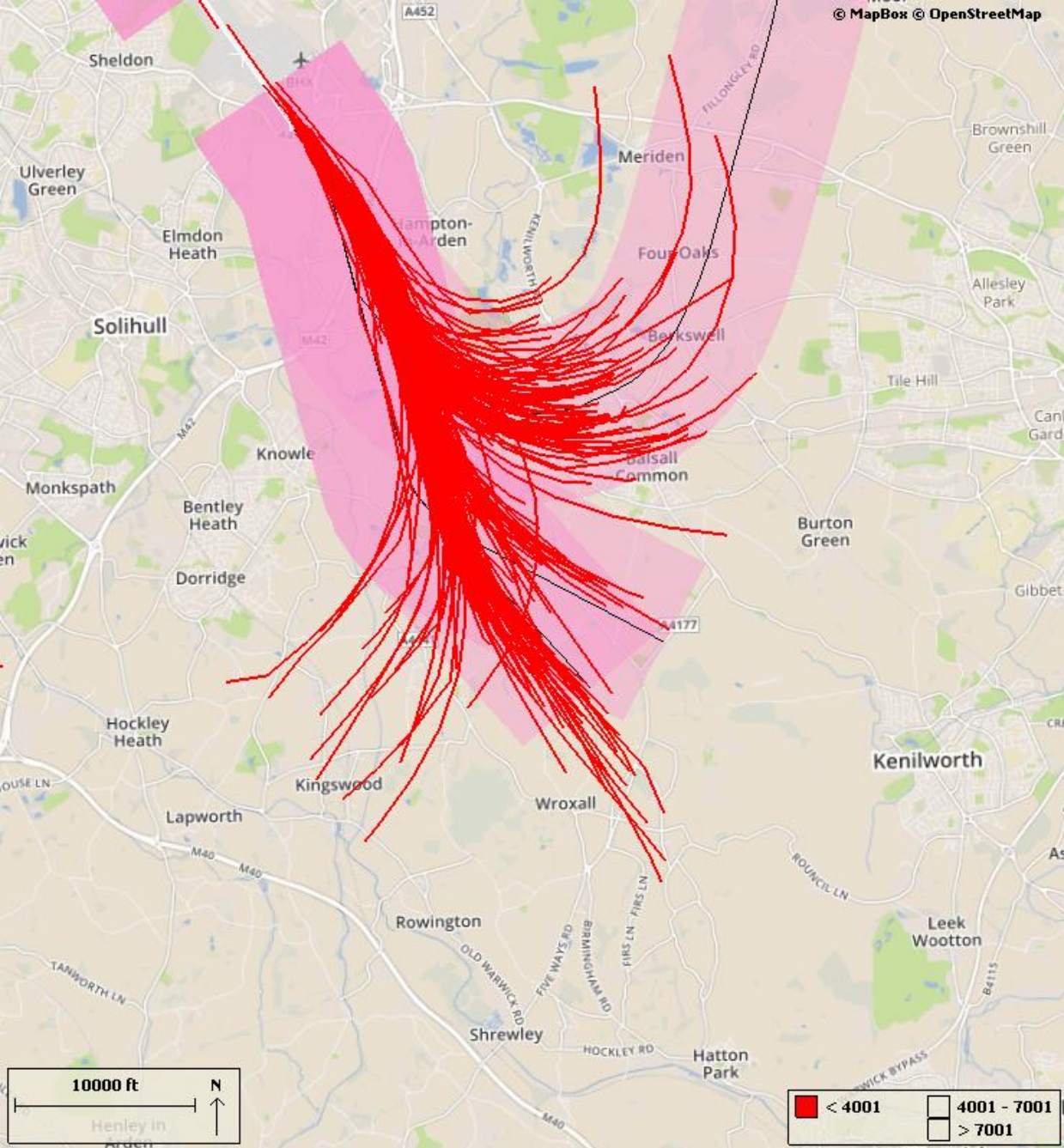
Departures from runway 15  
(pre-implementation) up to  
4,000 feet

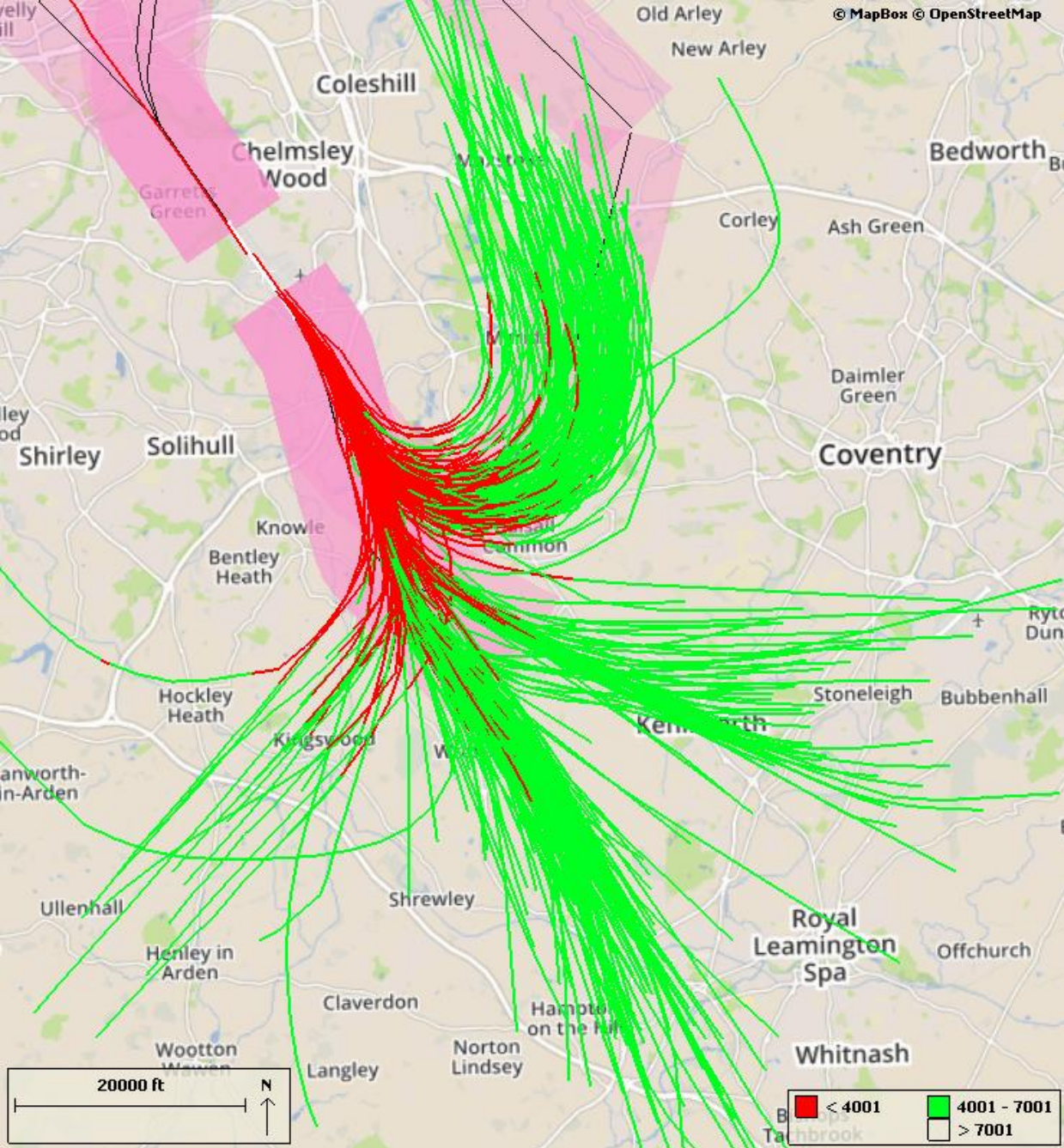
Number of Movements:

Northbound = 127

Southbound = 260

Total = 387





1<sup>st</sup> – 7<sup>th</sup> March 2014

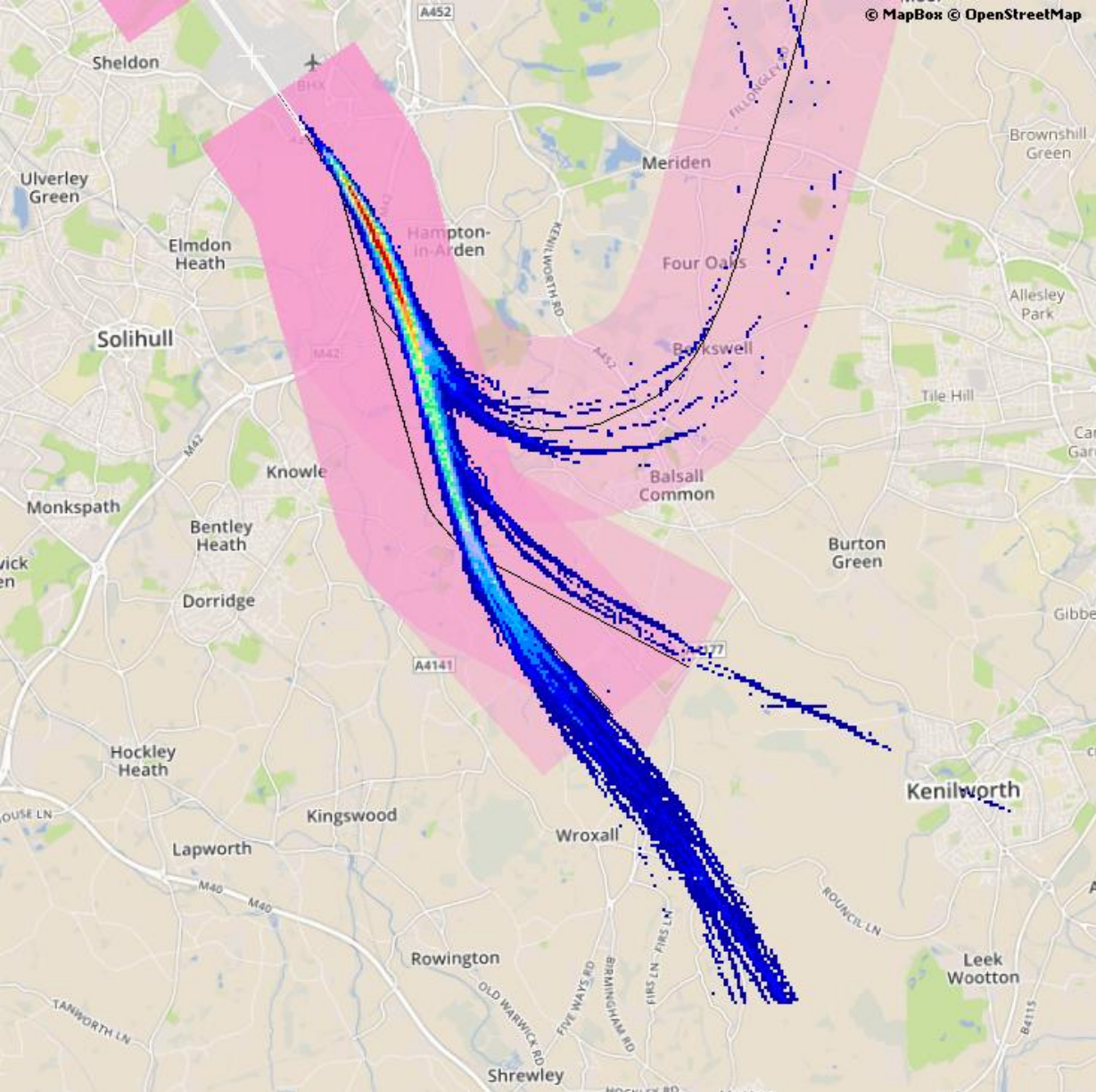
Departures from runway 15 (pre-implementation) up to 4,000 & 7,000 feet

Number of Movements:

Northbound = 127

Southbound = 260

Total = 387



1<sup>st</sup> – 7<sup>th</sup> March 2014

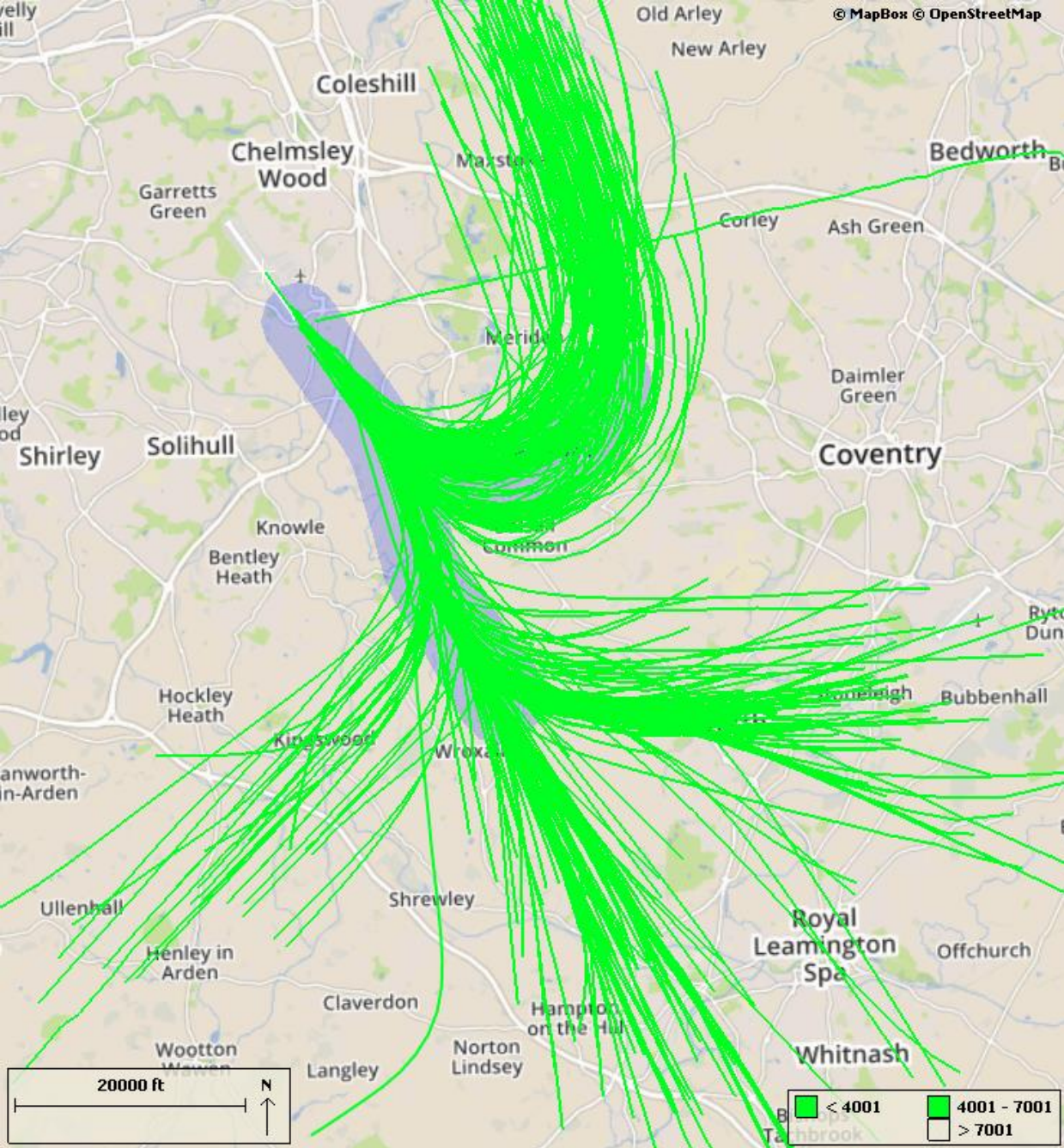
Track density plot for departures from runway 15 (pre-implementation)

Number of Movements:

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Total = 387



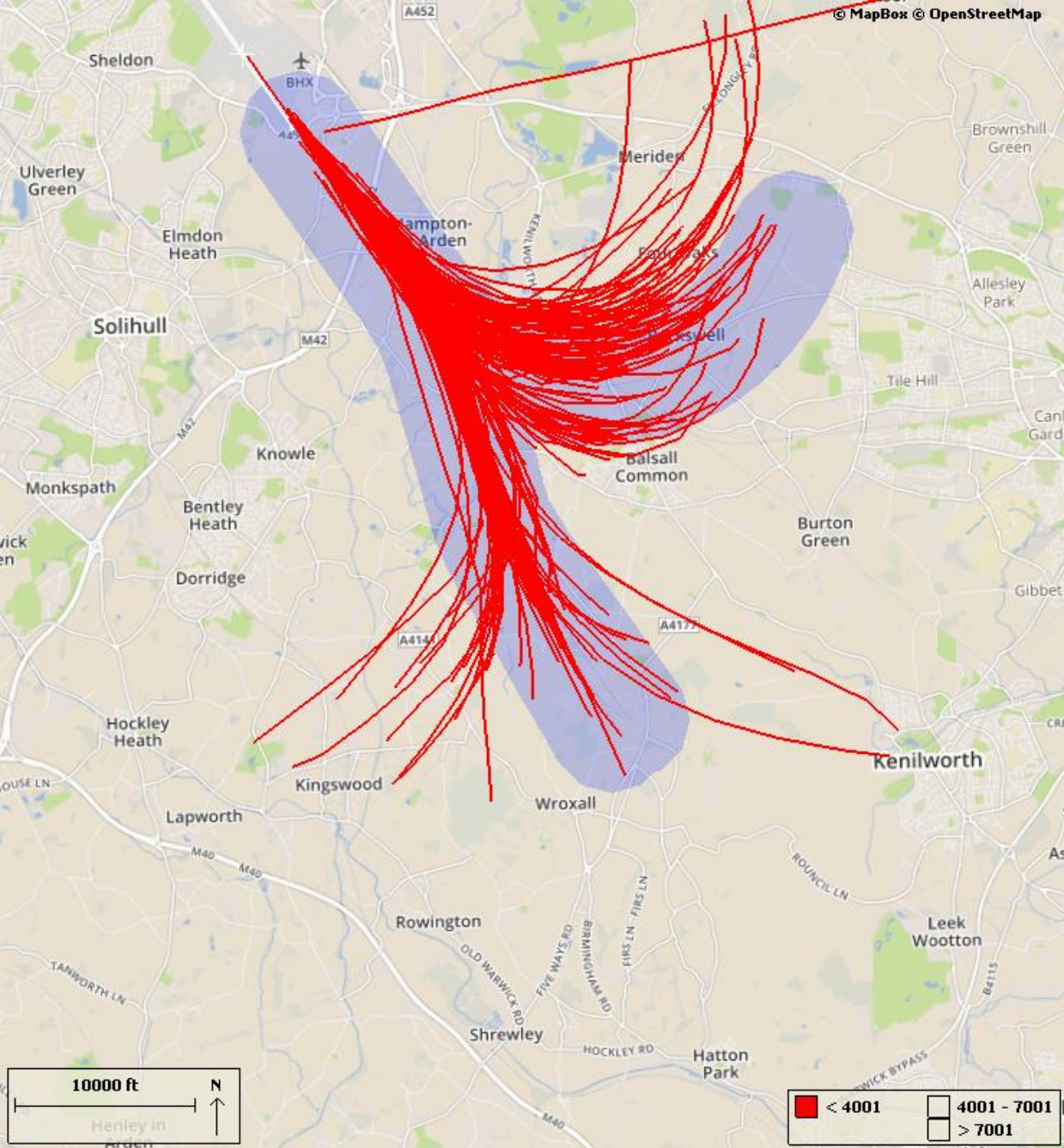
1<sup>st</sup> – 7<sup>th</sup> March 2017

Departures from runway 15  
(post-implementation) up to  
7,000 feet

Number of Movements:

Northbound = 129  
Southbound = 279  
Total = 408





1<sup>st</sup> – 7<sup>th</sup> March 2017

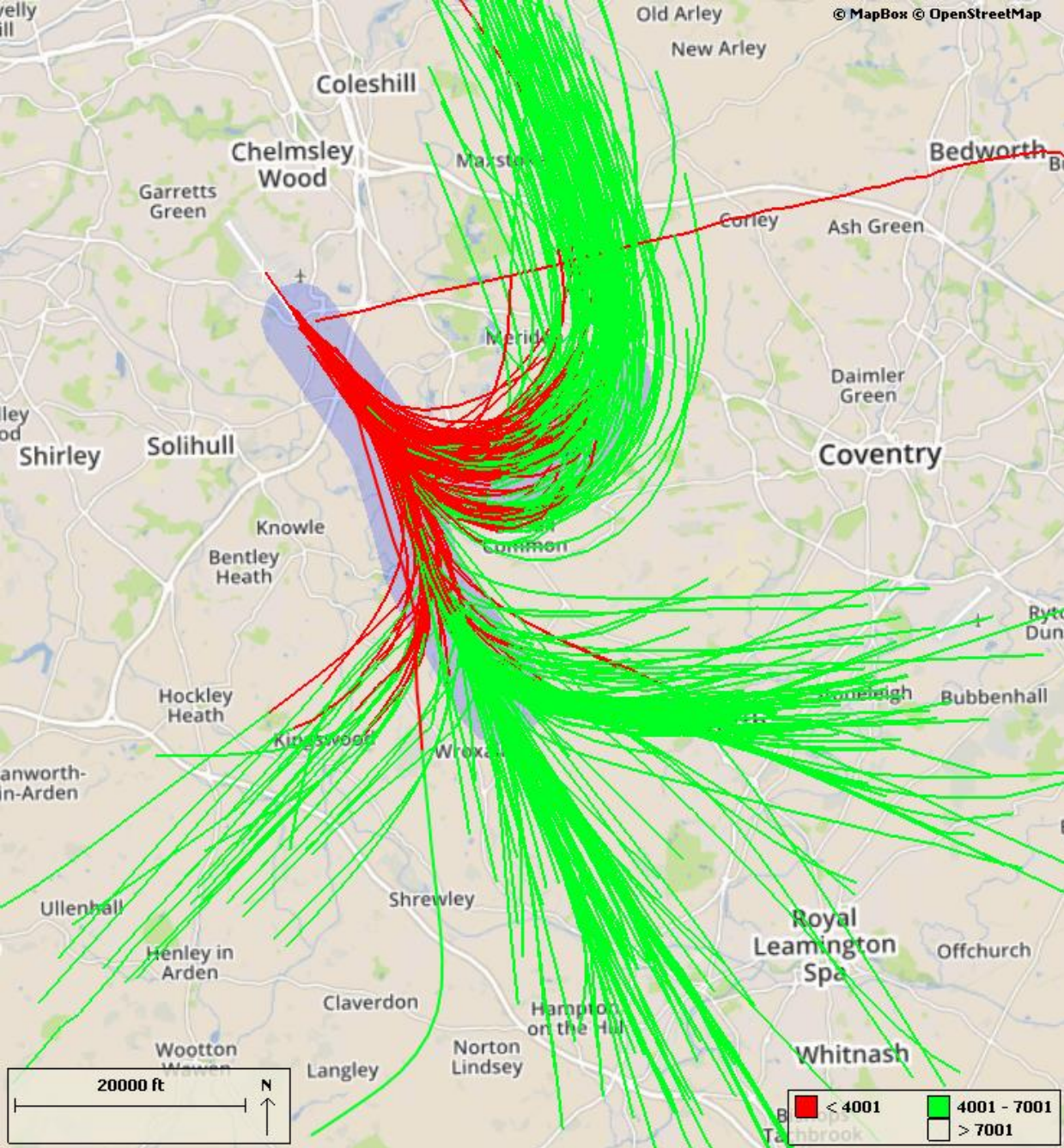
Departures from runway 15  
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1<sup>st</sup> – 7<sup>th</sup> March 2017

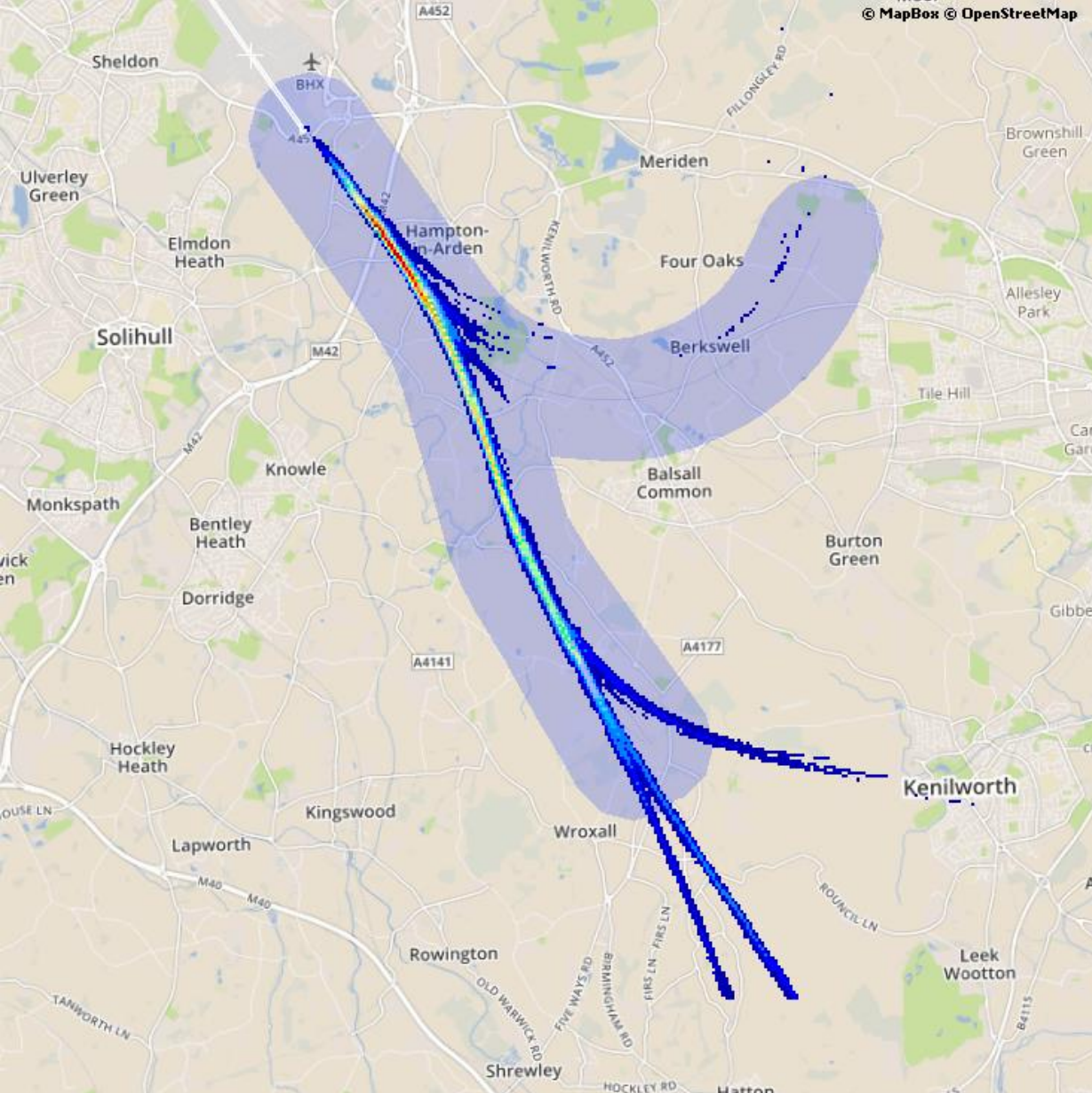
Departures from runway 15 (post-implementation) up to 4,000 & 7,000 feet

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1<sup>st</sup> – 7<sup>th</sup> March 2017

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