

Runway 26 LAMBOURNE

Route 4 Density Plots

Slide 2 Conventional (June 2013)

Slide 3 RNAV-1 (June 2014)

Slide 4 RNAV-1 Revised (July 2016)

Slide 5 Conventional (July 2016)

Slide 6 Conventional (September 2019)

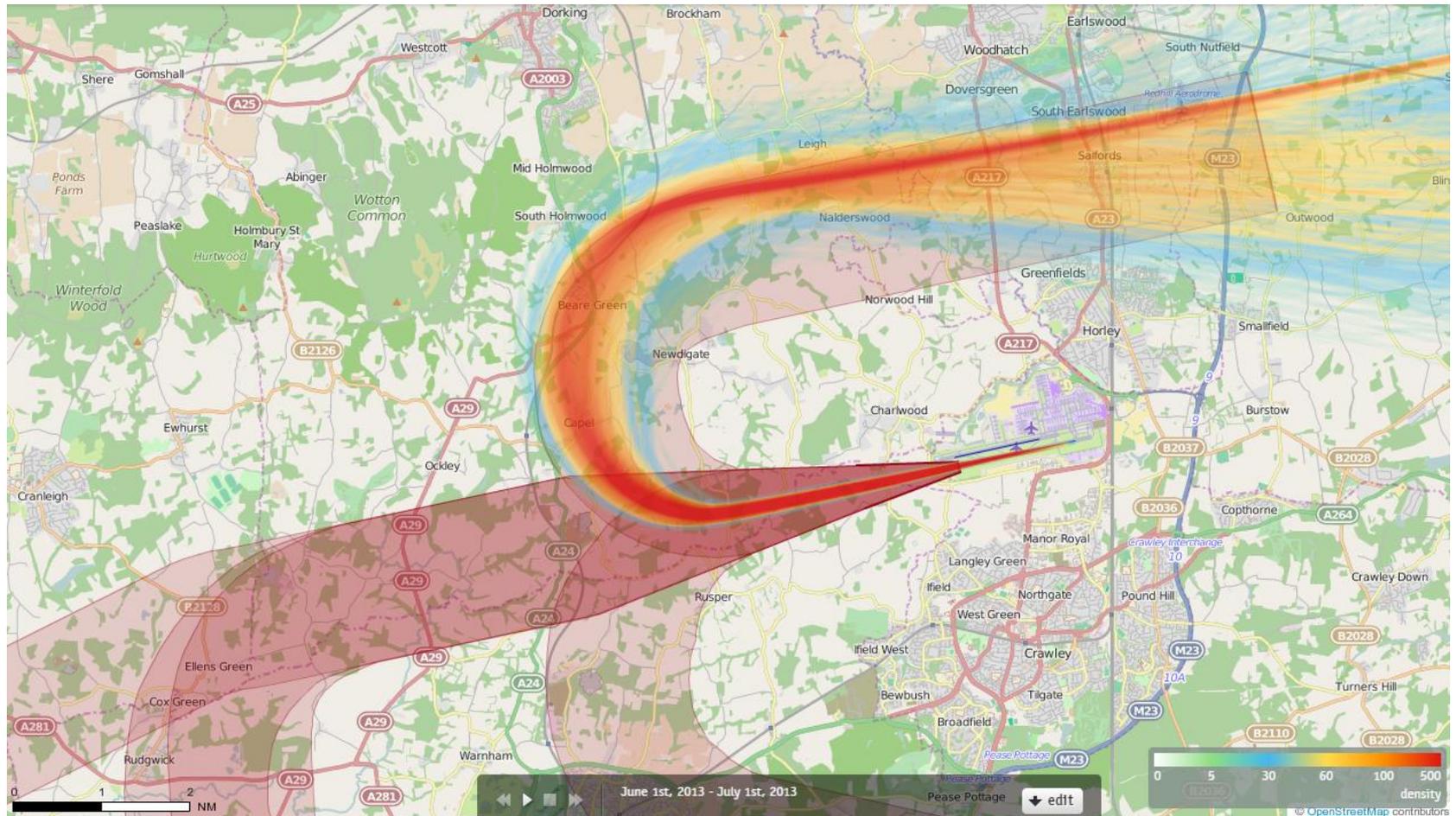
Note: this includes the 20 Jul 17 and 12 Sep 19 designs in the combined slide

Slide 7 RNAV-1 SID (October 2019)

Slide 8 Conventional SID (October 2019)

26LAMBOURNE Density June 2013

3043 Aircraft – Showing CONVENTIONAL Departures Only



Track density

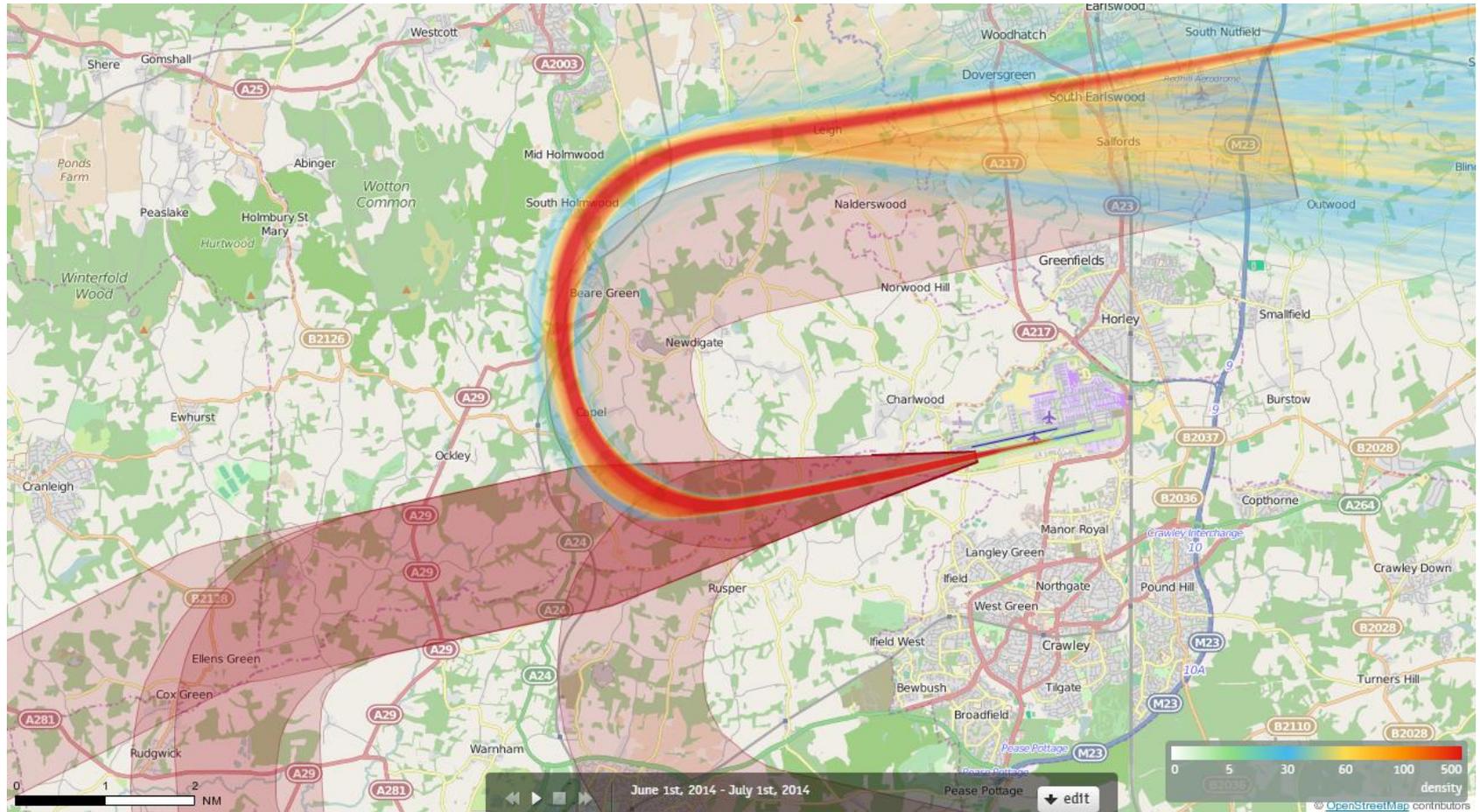
Each track is drawn as a line which has a width of just a few pixels and each pixel on the screen counts how often a 'track line' comes across this pixel when drawing all the tracks.

When all the tracks have been drawn, each pixel decides upon its colour based on the number of times a 'track line' has come across that pixel. The conversion from "count" to "colour" is guided by the numbers and colours given in the current Palette.

Counts in between are mapped to colours in between. If 100 were orange and 200 were red, then 150 would be coloured some orangy red.

26LAMBOURNE Density June 2014

2538 Aircraft – Showing P-RNAV Departures Only



Track density

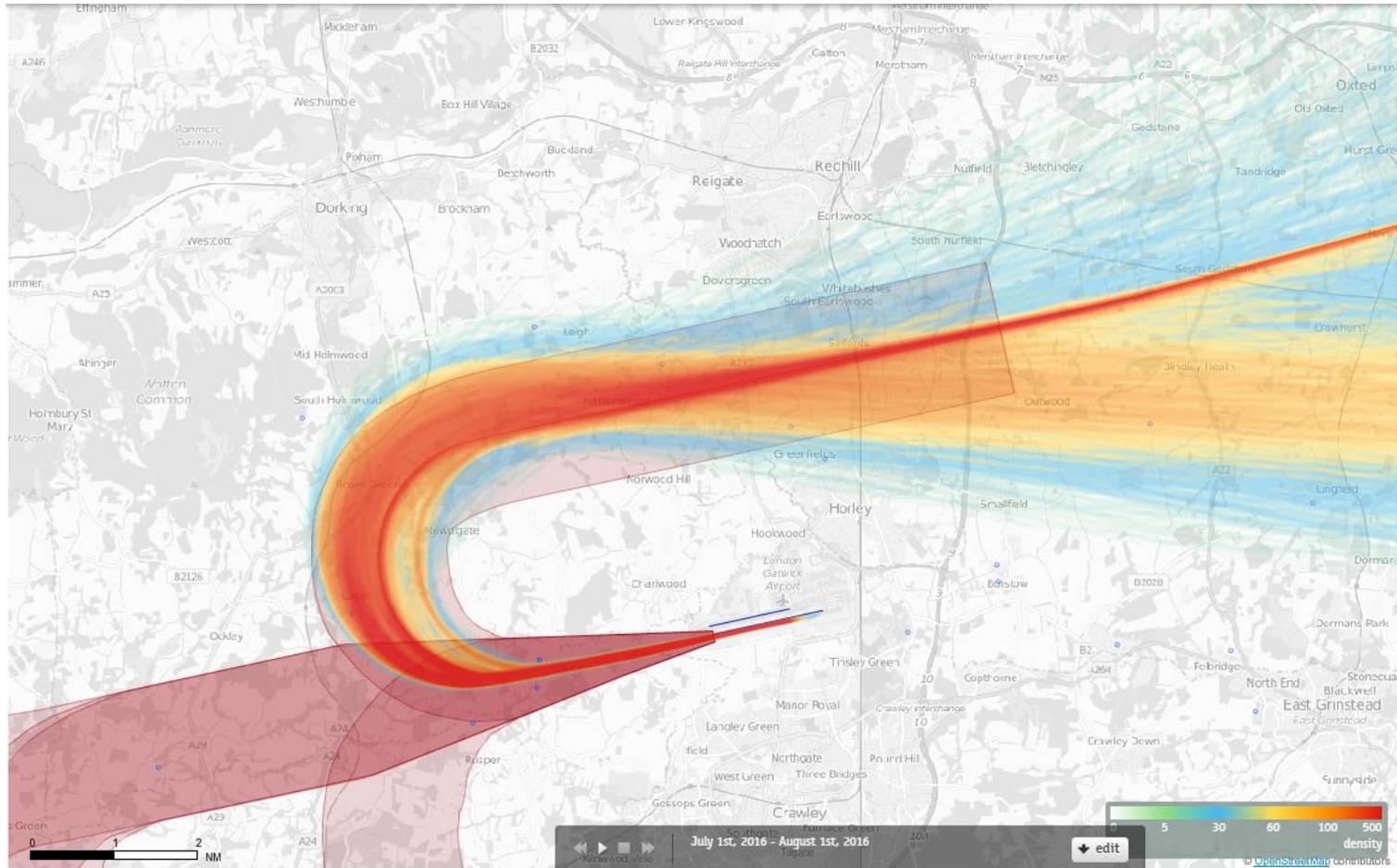
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26LAMBOURNE Density July 2016

4795 Aircraft – Showing RNAV1 Departures Only



Track density

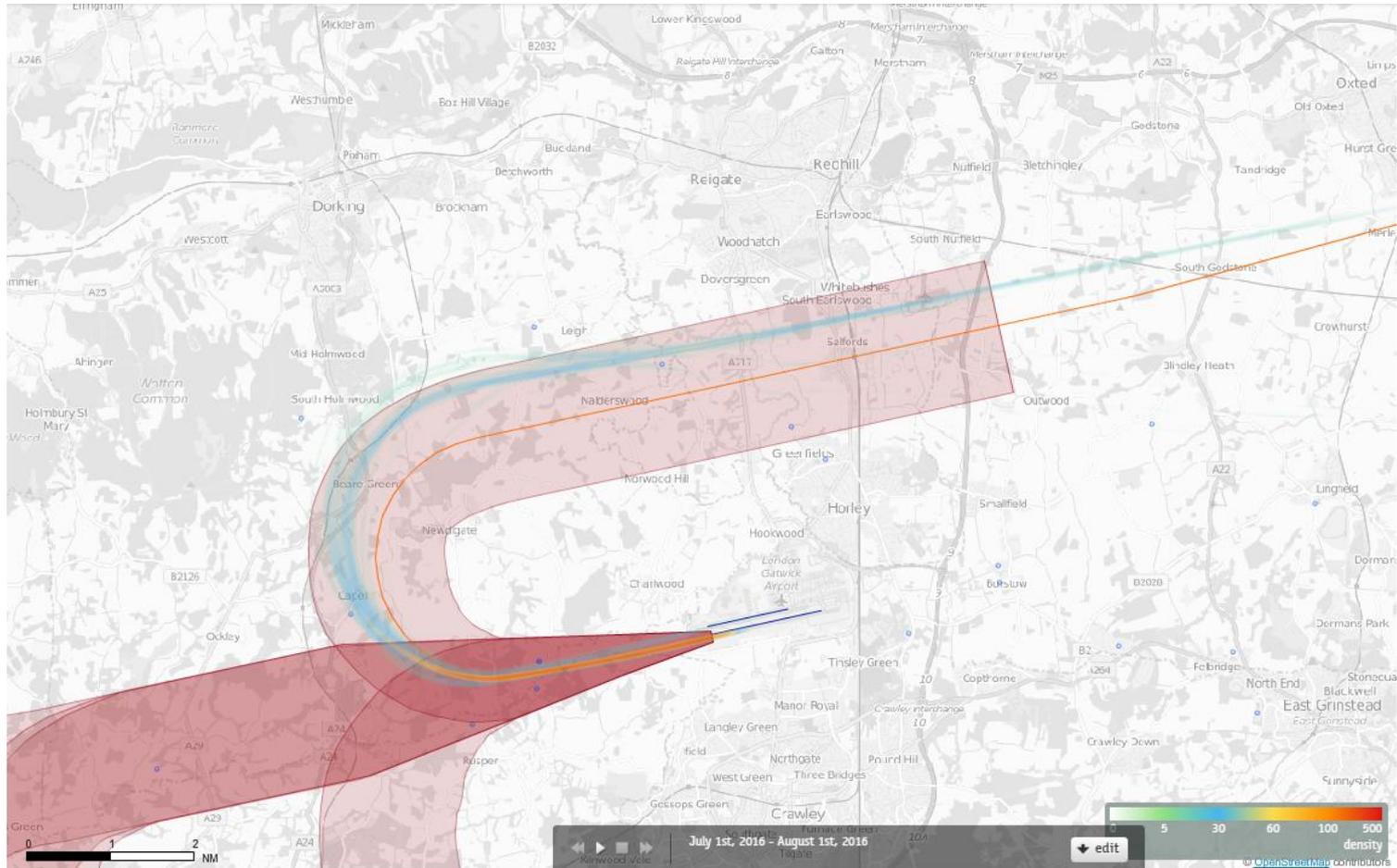
Each track is drawn as a line which has a width of just a few pixels and each pixel on the screen counts how often a 'track line' comes across this pixel when drawing all the tracks.

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26LAMBOURNE Density July 2016

173 Aircraft – Showing CONVENTIONAL Departures Only



Track density

Each track is drawn as a line which has a width of just a few pixels and each pixel on the screen counts how often a 'track line' comes across this pixel when drawing all the tracks.

When all the tracks have been drawn, each pixel decides upon its colour based on the number of times a 'track line' has come across that pixel. The conversion from "count" to "colour" is guided by the numbers and colours given in the current Palette.

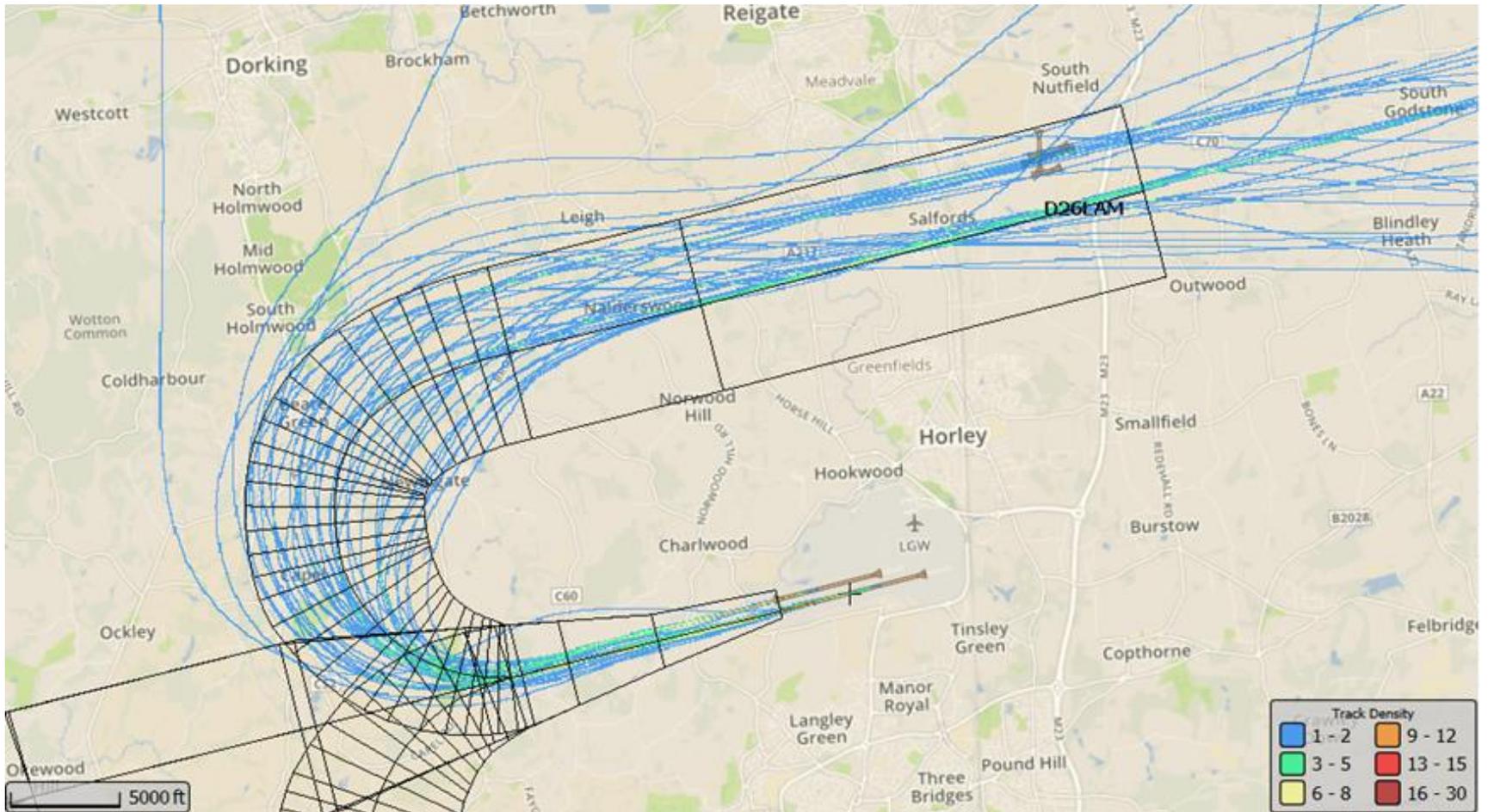
Counts in between are mapped to colours in between. If 100 were orange and 200 were red, then 150 would be coloured some orangy red.

26LAMBOURNE Density September 2019

40 Aircraft – Showing CONVENTIONAL Departures Only

Track performance from both 20 Jul 17 and 12 Sep 19 Conventional SID designs

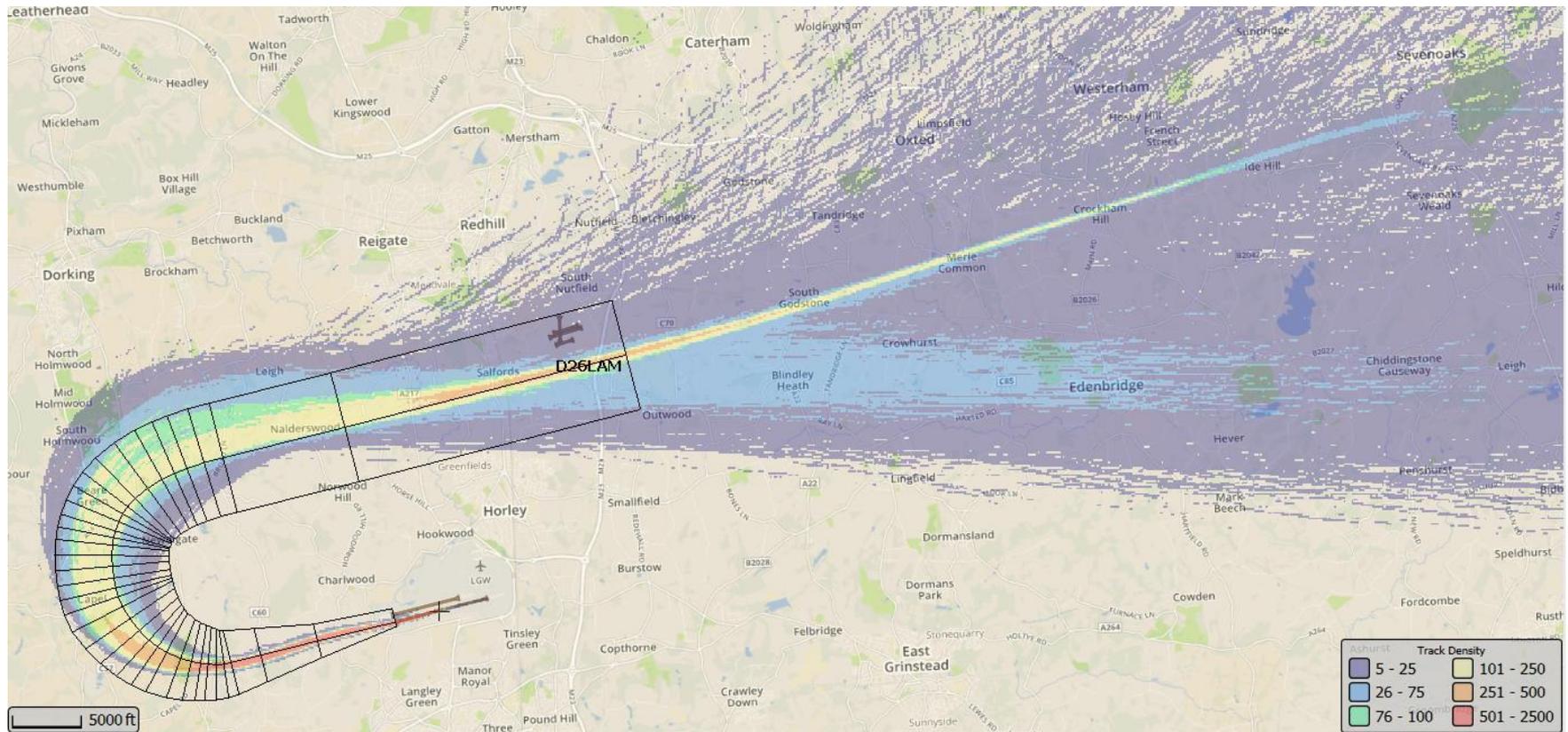
Note: The presentation format is not the same as previous slides 1-5 due to a GAL NTK system change



26LAMBOURNE Density October 2019

3324 Aircraft – Showing RNAV1 Departures Only

Note: The presentation format is not the same as previous slides 1-5 due to a GAL NTK system change



26LAMBOURNE Density October 2019

37 Aircraft – Showing CONVENTIONAL Departures Only

Track performance from the 12 Sep 19 Conventional SID designs

Note: The presentation format is not the same as previous slides 1-5 due to a GAL NTK system change

