

[REDACTED]
[REDACTED]

13 March 2017
EIR Reference: E0003106

Dear [REDACTED]

I am writing in respect of your recent request of 22 February 2017, for the release of information held by the Civil Aviation Authority (CAA).

Your request:

'CAGNE would like to make the follow requests under the Freedom of Information act.

- It is understood that NATS lowered the arrival of aircraft to the east and west of Gatwick over the Isle of Wight without consultation. We would like to receive mapping of the aircraft prior to this change and after this change. It also involves Heathrow traffic. We would like an indication of height changes and routing.

We would request mapping of the routing of airspace entering UK airspace over the Isle of Wight and progressing over Rustington and coastal regions of Sussex for 2012, 2013, 2016 and 2017.

- Over the town of Cranleigh we would like to see mapping of routes over the town for 2012, 2013, 2014, 2016 and 2017. We would also like to see in this height indication and if the routing is from the planned route provided prior to departures or by ATC intervention. The number of aircraft on per routing is also desired.

The heat mapping over Cranleigh would be helpful over a 24 hour period, year on year, during the summer months.'

Our response:

Having considered your request in line with the provisions of the Environmental Information Regulations 2004, we are able to provide the information below.

We have interpreted the first part of your request as seeking mapping of aircraft over the Isle of Wight and the coastal regions of Sussex before and after 4 February 2016. This was the date that the revised airspace arrangements over the Solent and Isle of Wight became effective, as proposed in Module E of the London Airspace Management Programme (LAMP) Phase 1A change proposal. Further details regarding LAMP 1A can be found on the CAA website at:

<http://www.caa.co.uk/Commercial-industry/Airspace/Airspace-change/Decisions/London-Airspace-Management-Programme-Phase-1A/>

Civil Aviation Authority

Aviation House Gatwick Airport South Gatwick RH6 0YR www.caa.co.uk

Telephone 01293 768512 foi.requests@caa.co.uk

Maps showing Gatwick arrival radar tracks over the coastal regions of Sussex are provided in Attachment 1 for the following periods (covering three periods *before* 4 February 2016 and two periods *after*):

- 1 April to 14 April 2012
- 1 April to 14 April 2013
- 16 January to 31 January 2016
- 4 February to 17 February 2016
- 1 February to 14 February 2017

In each diagram the flight tracks are colour-coded according to aircraft altitude, as indicated in the map key. To prevent the maps becoming illegible, the diagrams shown in Attachment 1 have been limited to a two-week sample of arrivals in each case. Please note that radar coverage in the Gatwick Noise and Track Keeping (NTK) system does not extend out to the Isle of Wight. In addition, prior to 1 April 2013 radar coverage was limited to a smaller area and lower maximum altitude.

Attachment 2 provides equivalent mapping for all other non-Gatwick (overflight) traffic recorded in the NTK system. Please note that overflight data were not recorded in the Gatwick system prior to 1 April 2013, and that the system cannot differentiate between overflight tracks that are *entering* or *departing* UK airspace.

In response to the second part of your request, Attachment 3 provides track density plots for Gatwick departures over Cranleigh for the following periods (24 hours):

- Summer 2012, 16 June to 15 September 2012
- Summer 2013, 16 June to 15 September 2013
- Summer 2014, 16 June to 15 September 2014
- Summer 2016, 16 June to 15 September 2016
- Winter 2016-17, 1 December 2016 to 28 February 2017

As you will be aware, Cranleigh can be overflown by aircraft departing from Gatwick in a westerly direction on the 'straight-out' route from runway 26 (Route 1) and also by aircraft departing in an easterly direction on the northerly 'wraparound' route from runway 08 (Route 3).

The number of aircraft reported by the Gatwick system on each departure route for the periods analysed is shown in the table below. Also shown in the table are the total numbers of Gatwick departures during the same period (i.e. using all runways and routes).

Route	Summer 2012	Summer 2013	Summer 2014	Summer 2016	Winter 2016-17
Route 1	8,137	6,863	6,274	10,331	6,509
Route 3	1,278	3,078	3,687	1,782	3,838
All Gatwick departures	36,448	37,422	38,516	41,282	29,905

Finally, Attachment 4 provides maps showing individual departure tracks over Cranleigh, with flight tracks colour-coded according to aircraft altitude. Please note that the diagrams shown in Attachment 4 have been limited to a one-month sample of departures in each case to prevent the maps becoming illegible. We do not hold information on whether the individual track routings shown are from the planned route provided prior to departure or by ATC intervention.

If you are not satisfied with how we have dealt with your request in the first instance you should approach the CAA in writing at:-

Caroline Chalk
Head of External Information Services
Civil Aviation Authority
Aviation House
Gatwick Airport South
Gatwick
RH6 0YR

caroline.chalk@caa.co.uk

The CAA has a formal internal review process for dealing with appeals or complaints in connection with requests under the Environmental Information Regulations. The key steps in this process are set in the attachment.

Should you remain dissatisfied with the outcome you have a right to appeal against the decision by contacting the Information Commissioner at:-

Information Commissioner's Office
FOI/EIR Complaints Resolution
Wycliffe House
Water Lane
Wilmslow
SK9 5AF

<https://ico.org.uk/concerns/>

If you wish to request further information from the CAA, please use the form on the CAA website at <http://publicapps.caa.co.uk/modalapplication.aspx?appid=24>.

Yours sincerely

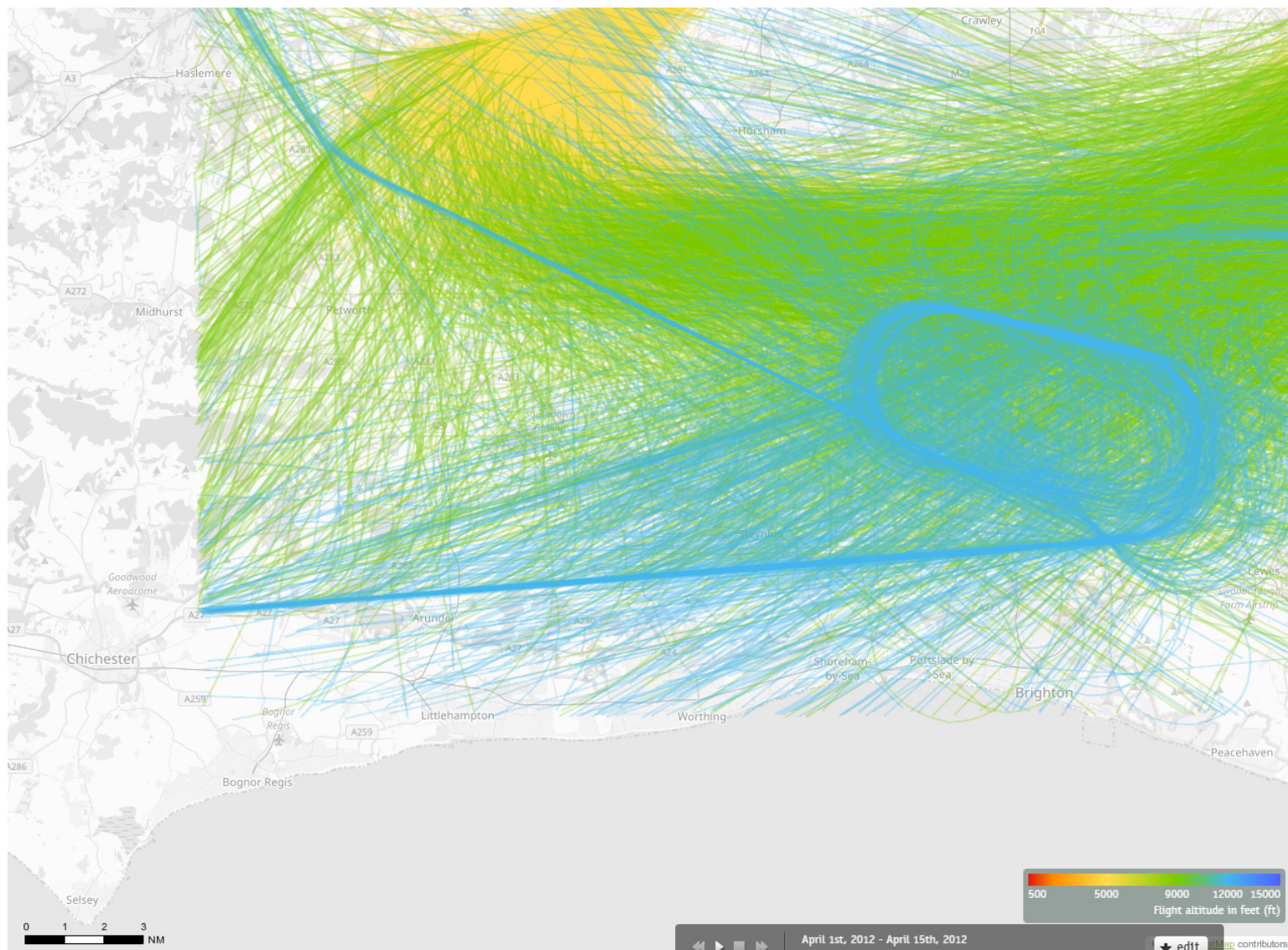


Rihanne Stephen
Information Rights Officer

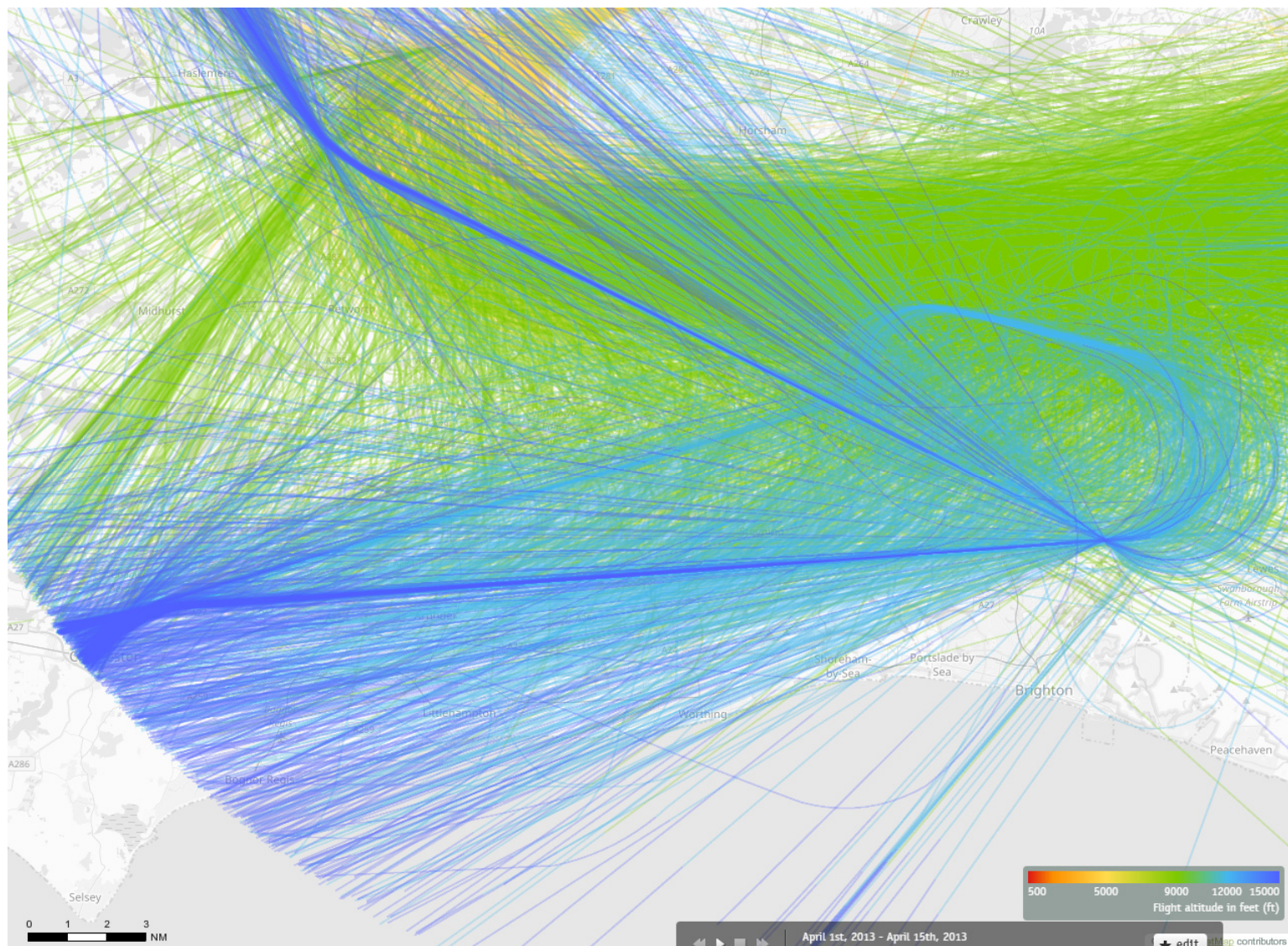
CAA INTERNAL REVIEW & COMPLAINTS PROCEDURE

- The original case to which the appeal or complaint relates is identified and the case file is made available;
- The appeal or complaint is allocated to an Appeal Manager, the appeal is acknowledged and the details of the Appeal Manager are provided to the applicant;
- The Appeal Manager reviews the case to understand the nature of the appeal or complaint, reviews the actions and decisions taken in connection with the original case and takes account of any new information that may have been received. This will typically require contact with those persons involved in the original case and consultation with the CAA Legal Department;
- The Appeal Manager concludes the review and, after consultation with those involved with the case, and with the CAA Legal Department, agrees on the course of action to be taken;
- The Appeal Manager prepares the necessary response and collates any information to be provided to the applicant;
- The response and any necessary information is sent to the applicant, together with information about further rights of appeal to the Information Commissioners Office, including full contact details.

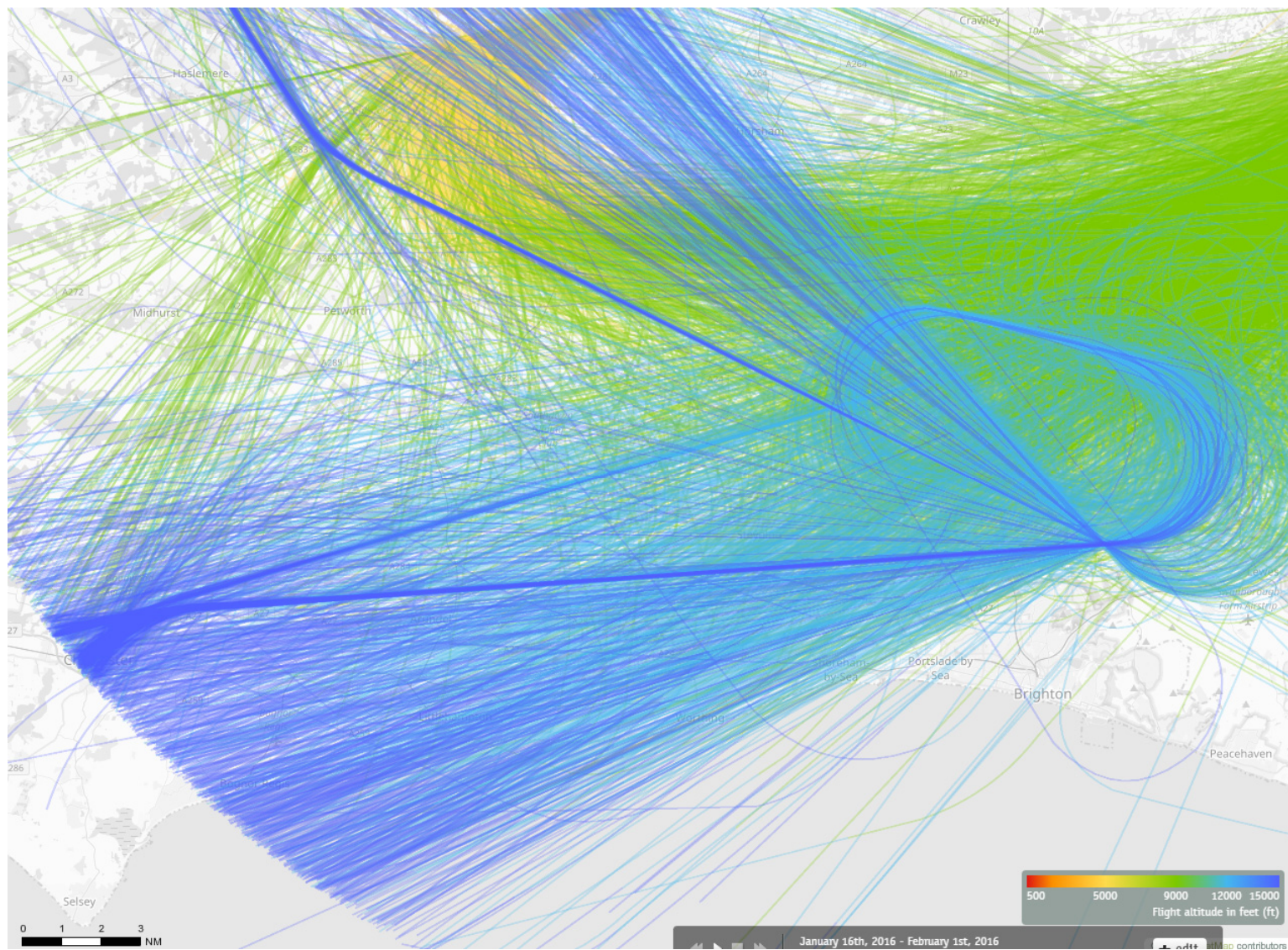
Gatwick arrival radar tracks, 1 April to 14 April 2012



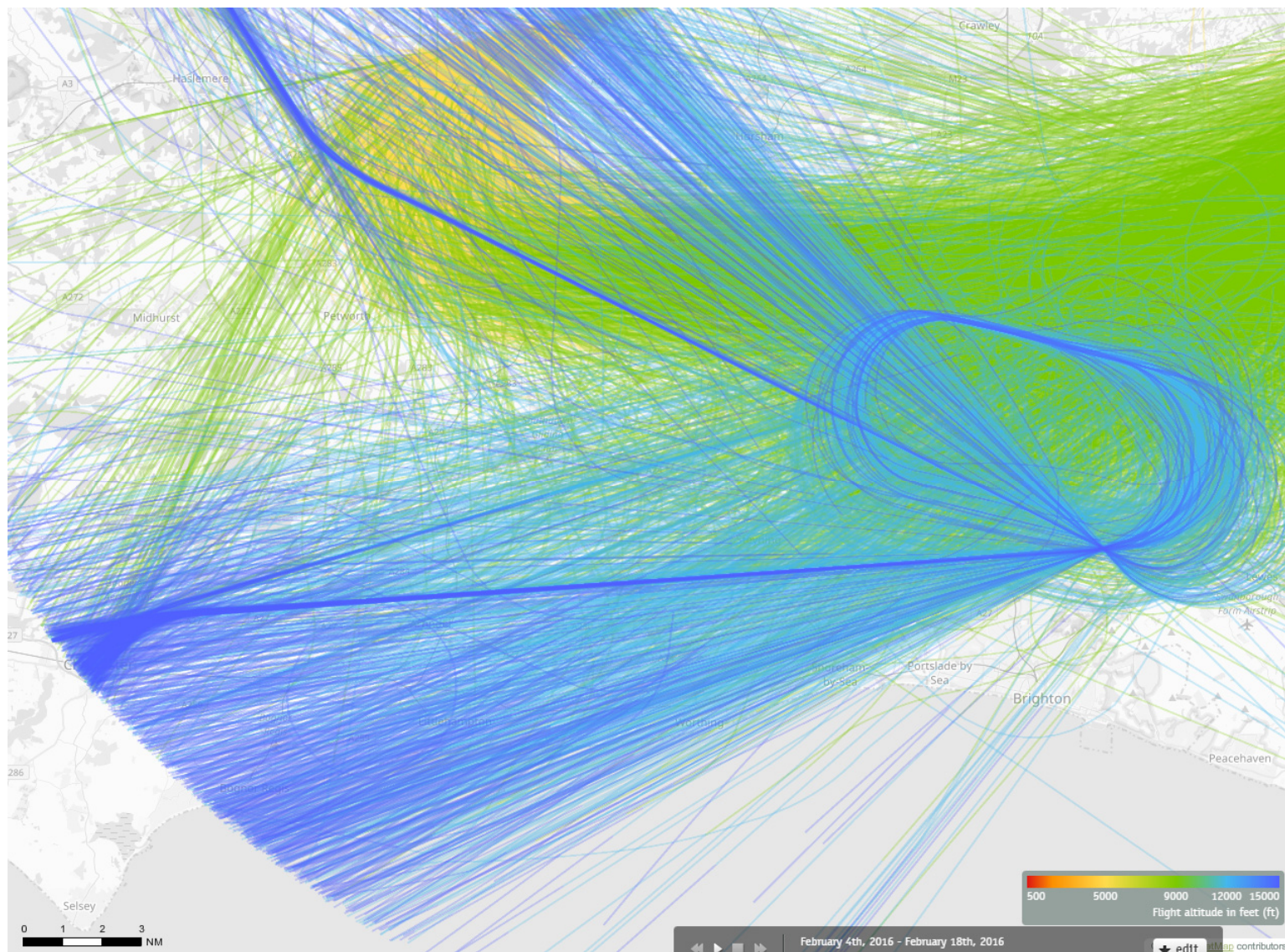
Gatwick arrival radar tracks, 1 April to 14 April 2013



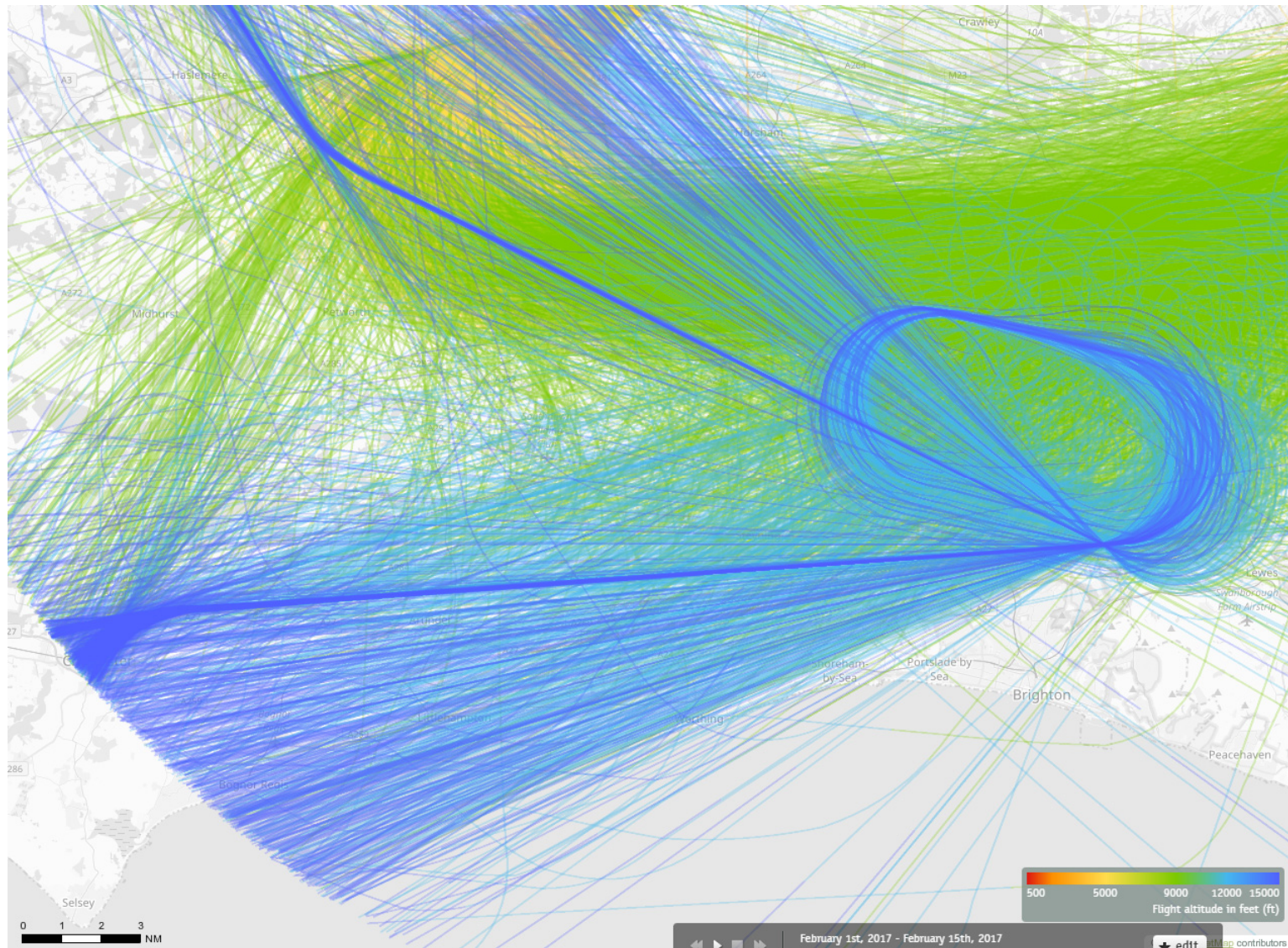
Gatwick arrival radar tracks, 16 January to 31 January 2016



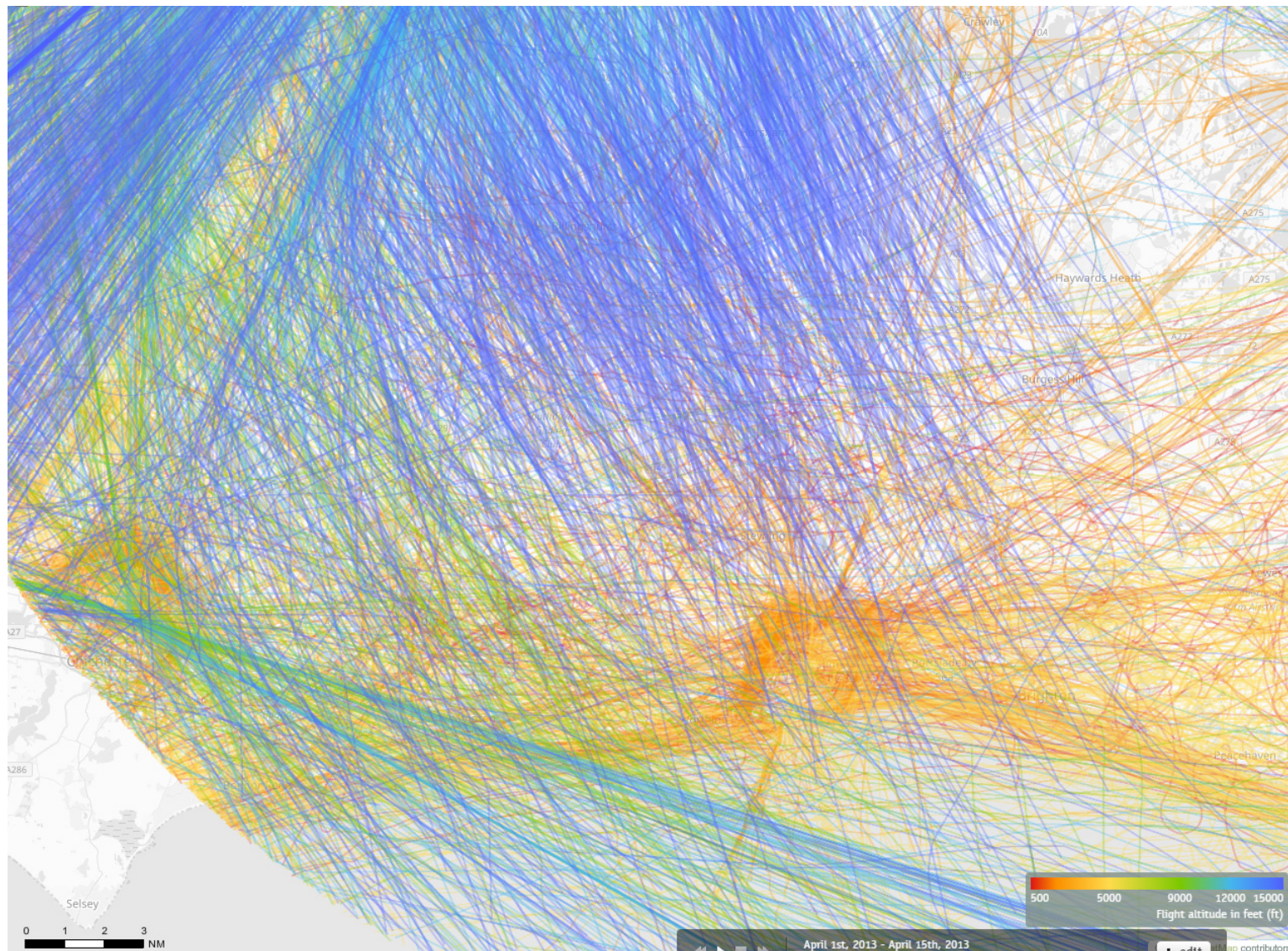
Gatwick arrival radar tracks, 4 February to 17 February 2016



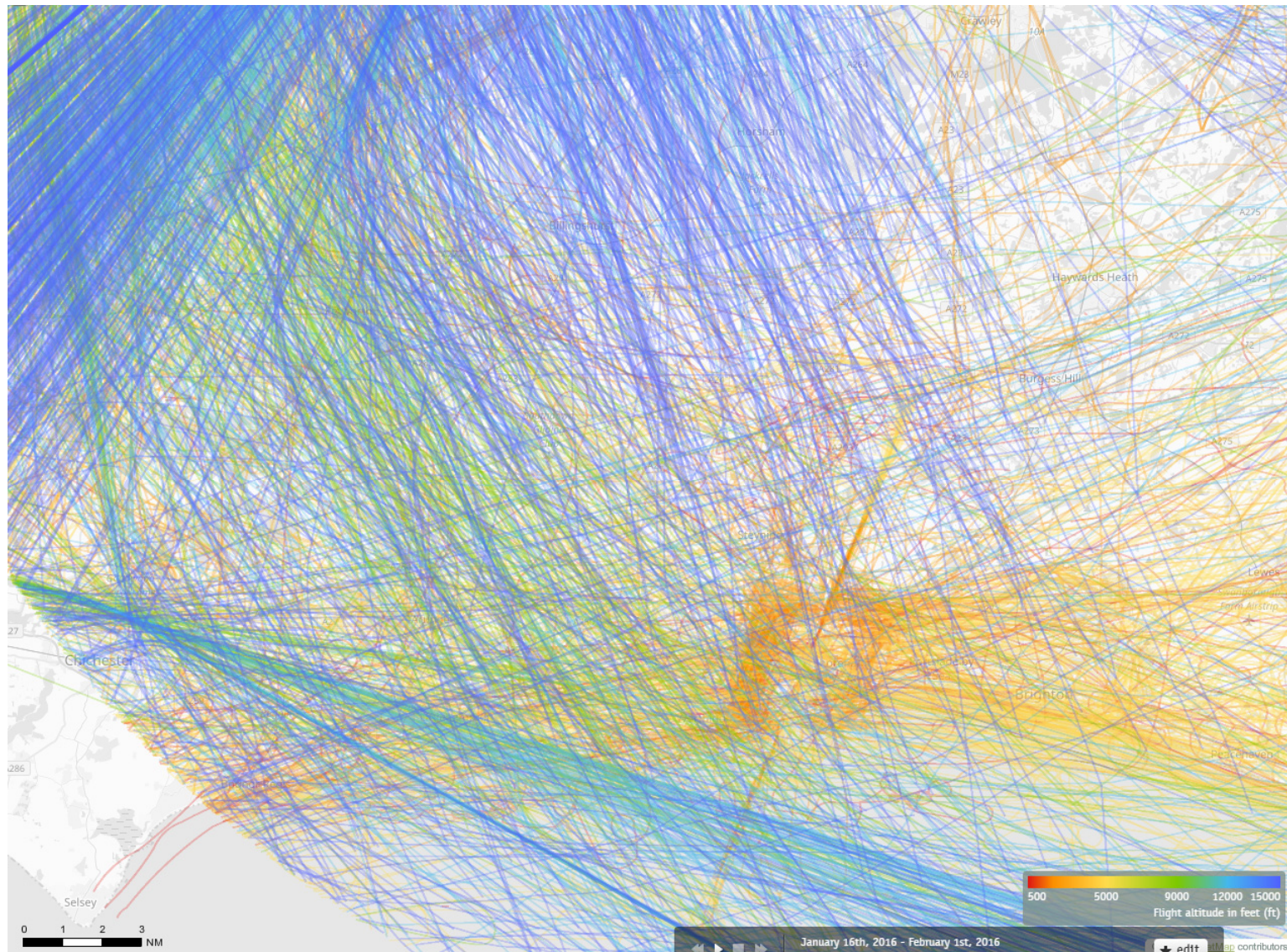
Gatwick arrival radar tracks, 1 February to 14 February 2017



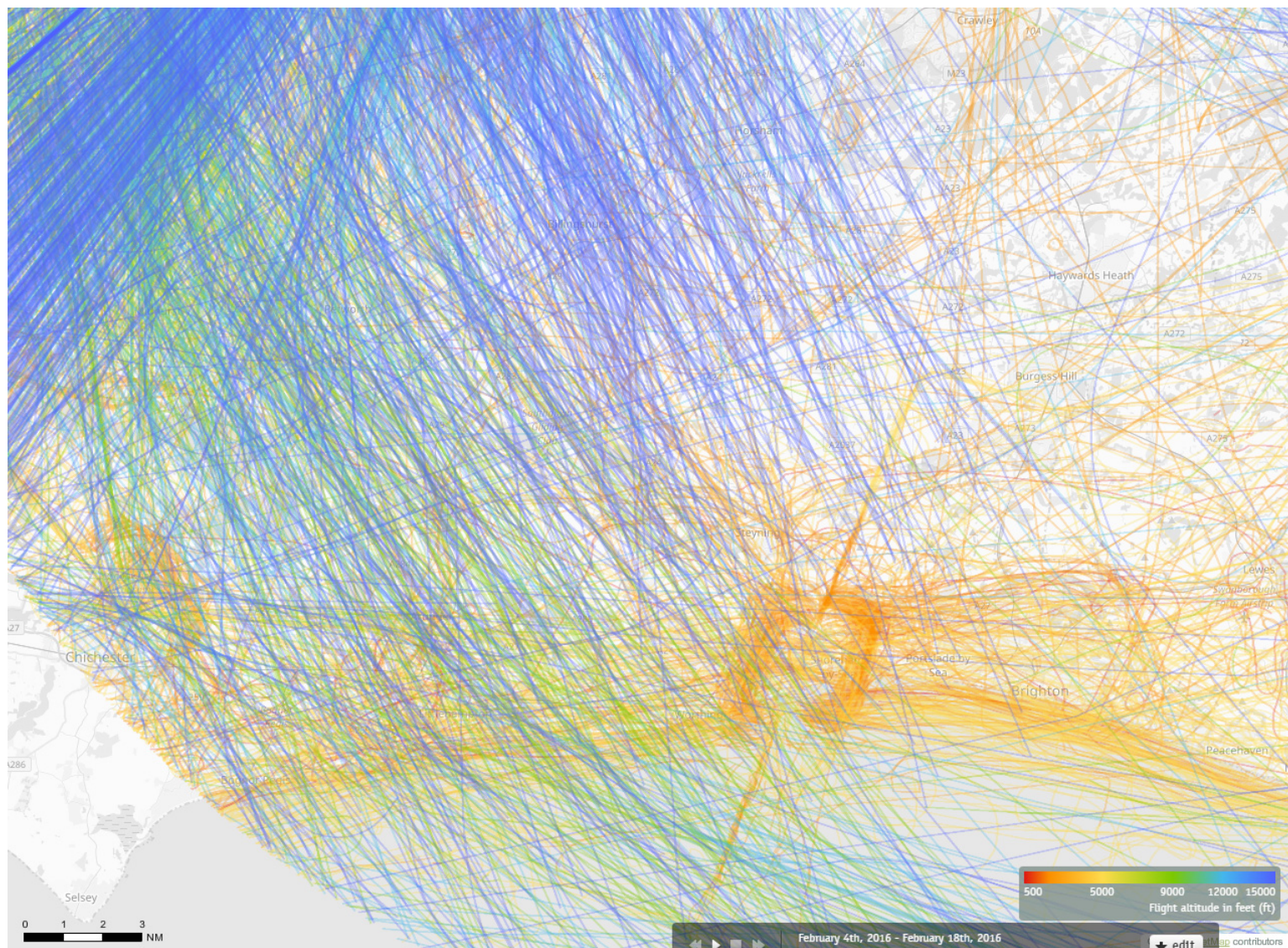
Non-Gatwick radar tracks, 1 April to 14 April 2013



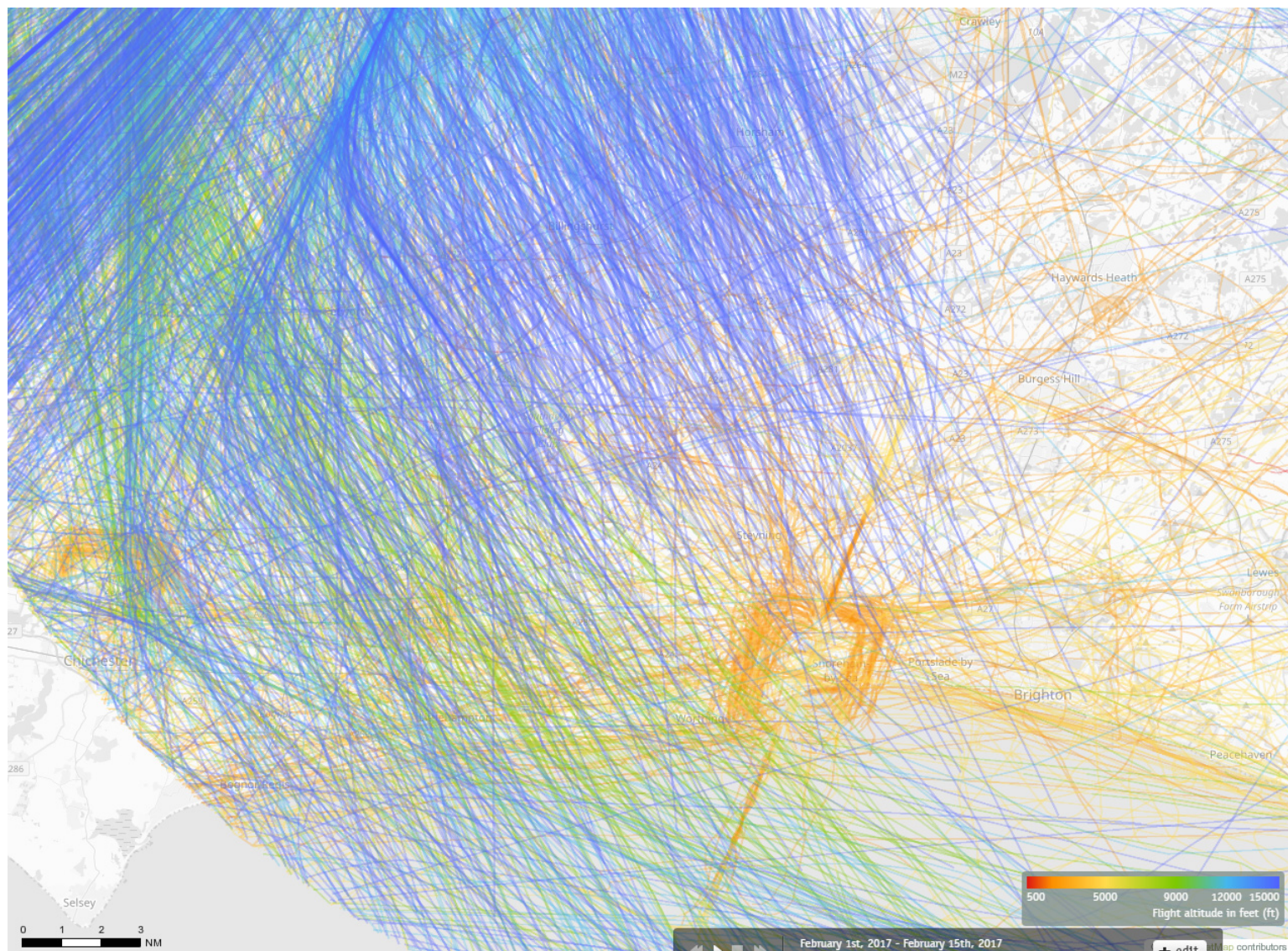
Non-Gatwick radar tracks, 16 January to 31 January 2016



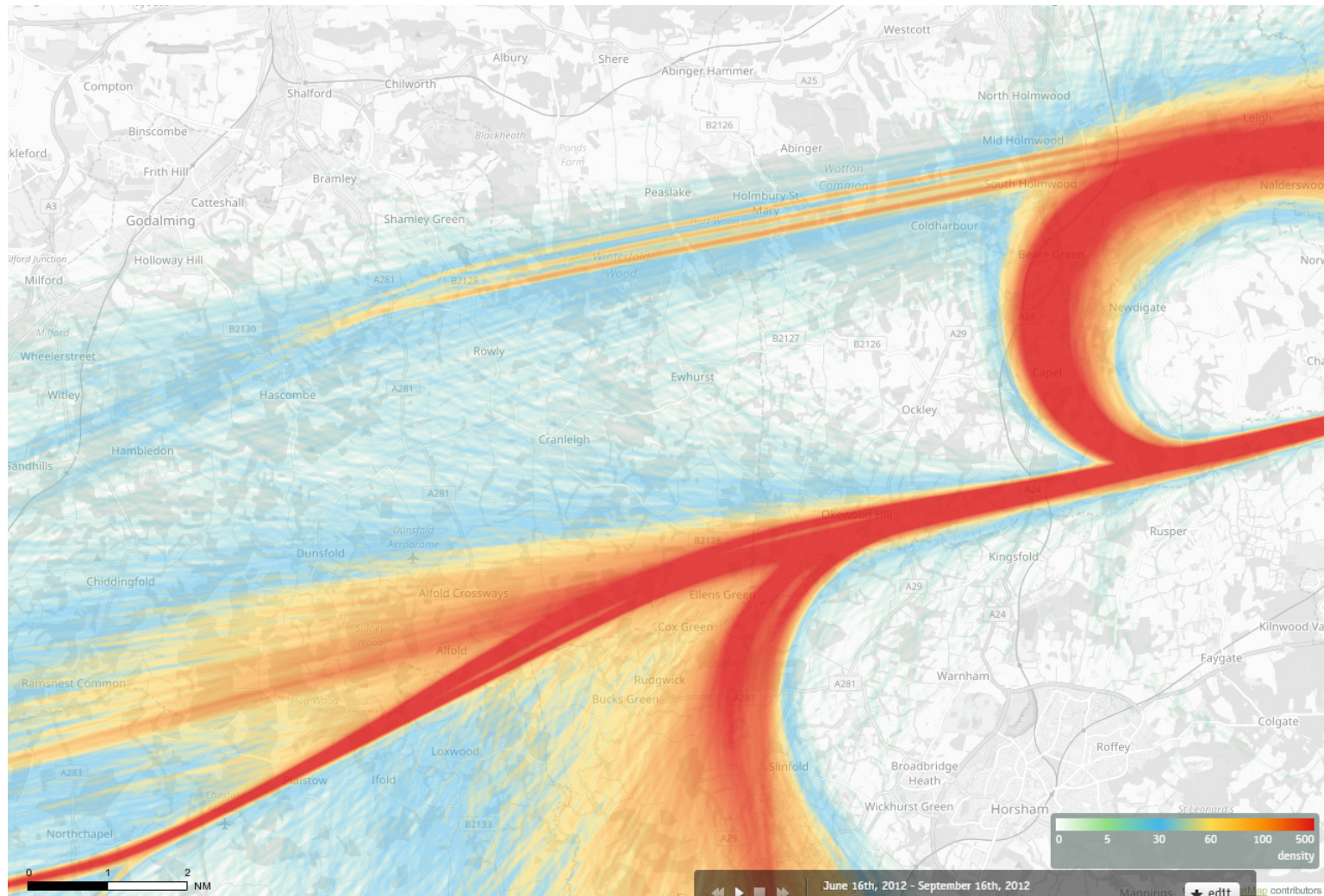
Non-Gatwick radar tracks, 4 February to 17 February 2016



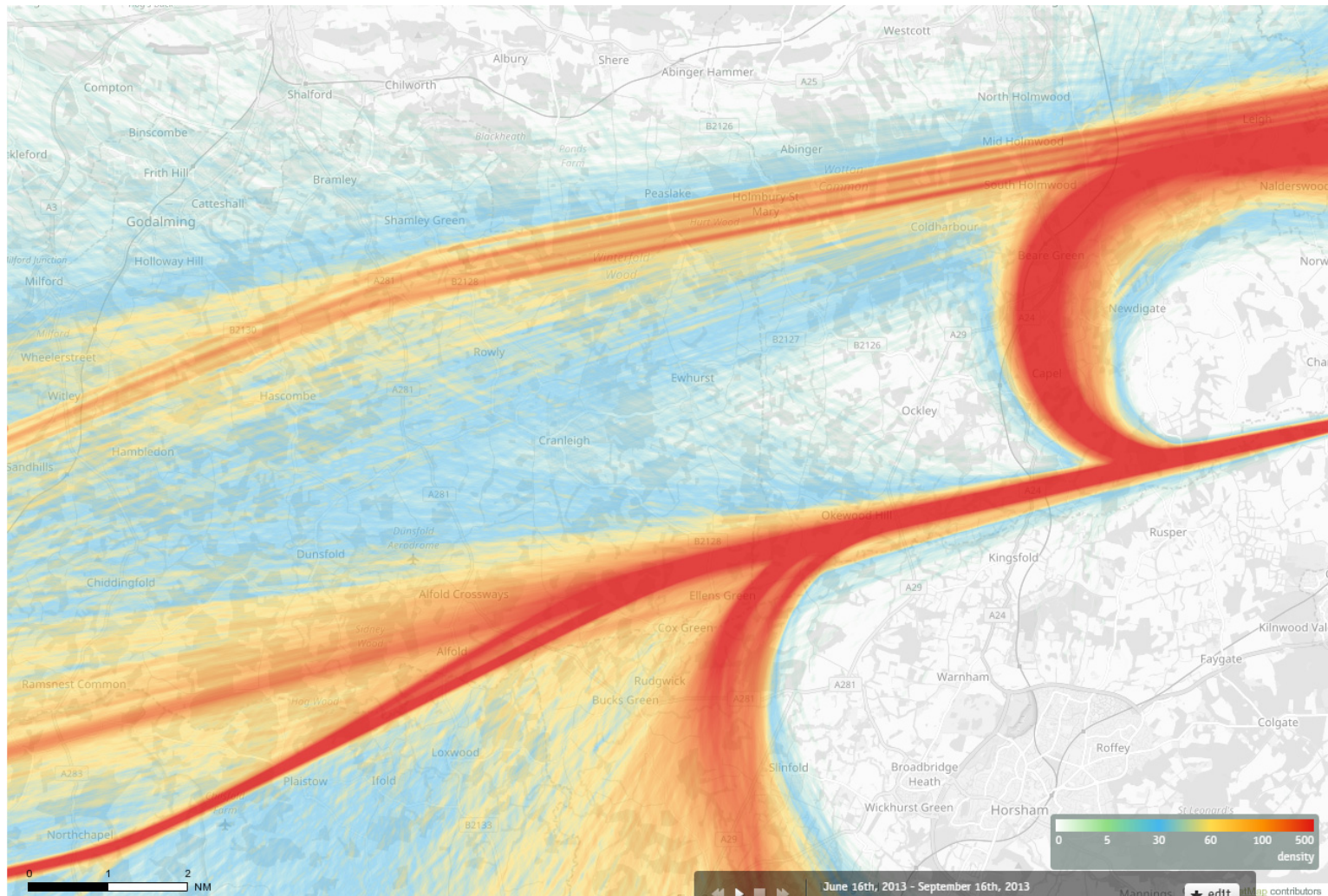
Non-Gatwick radar tracks, 1 February to 14 February 2017



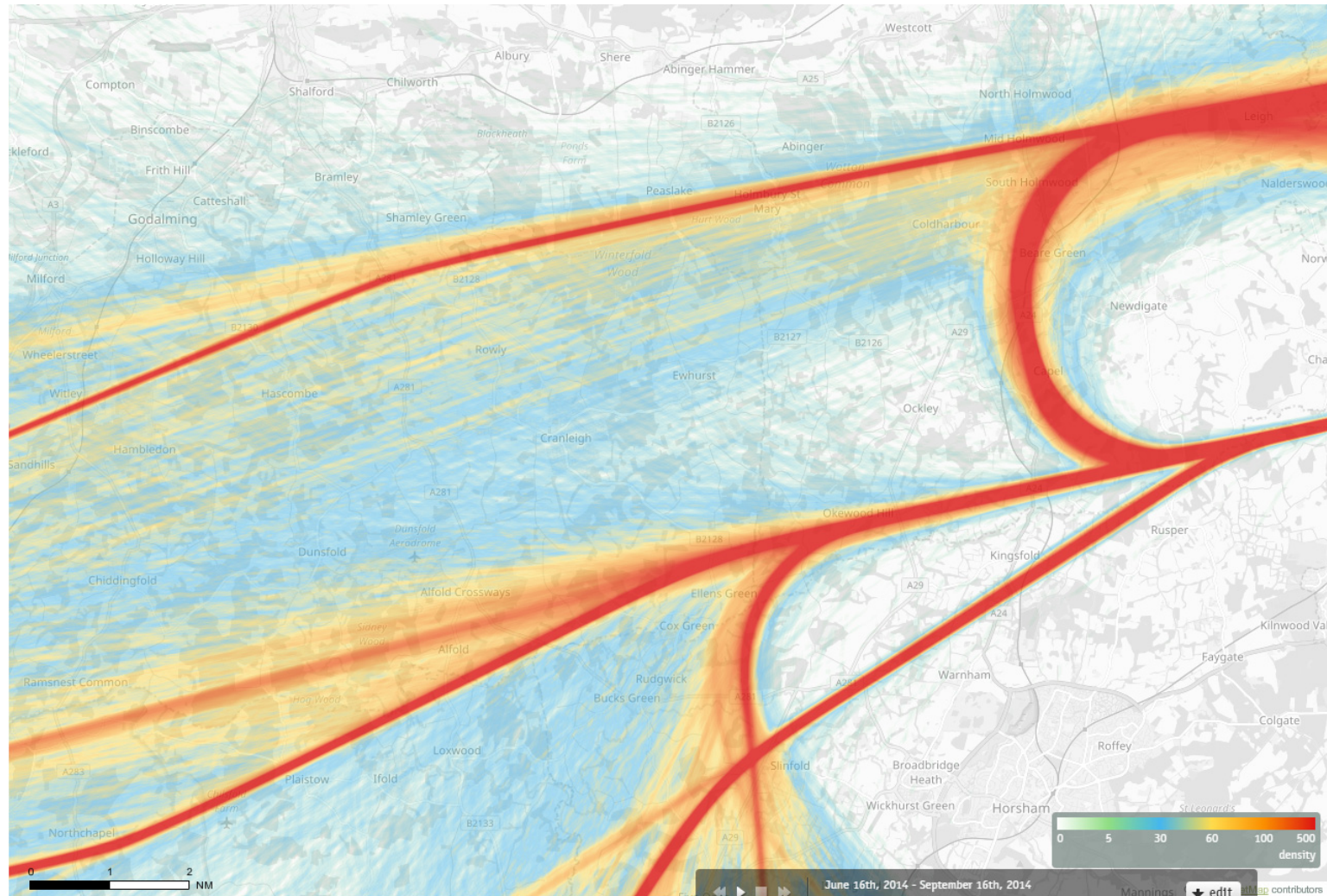
Gatwick departure track density over Cranleigh, 16 June to 15 September 2012



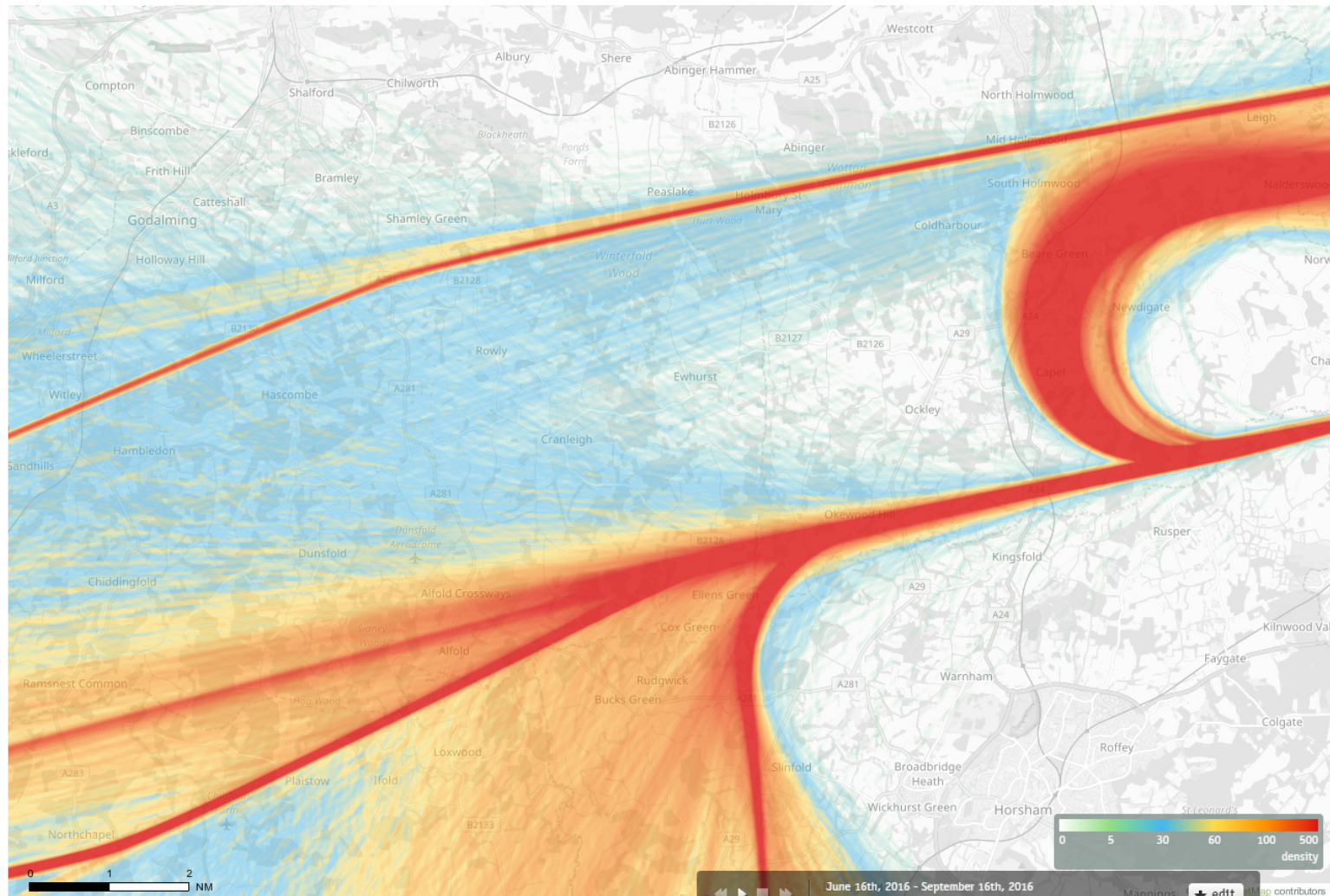
Gatwick departure track density over Cranleigh, 16 June to 15 September 2013



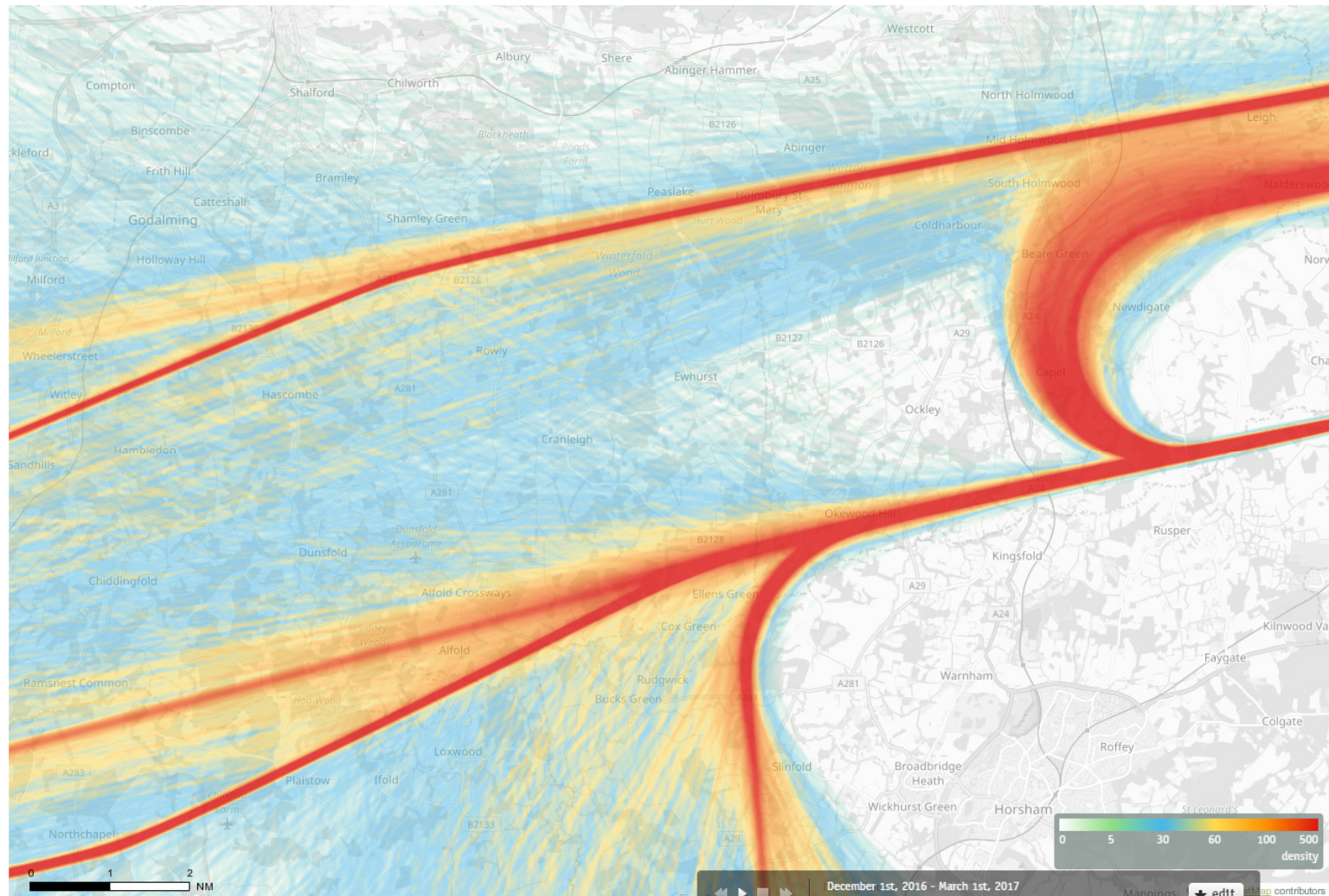
Gatwick departure track density over Cranleigh, 16 June to 15 September 2014



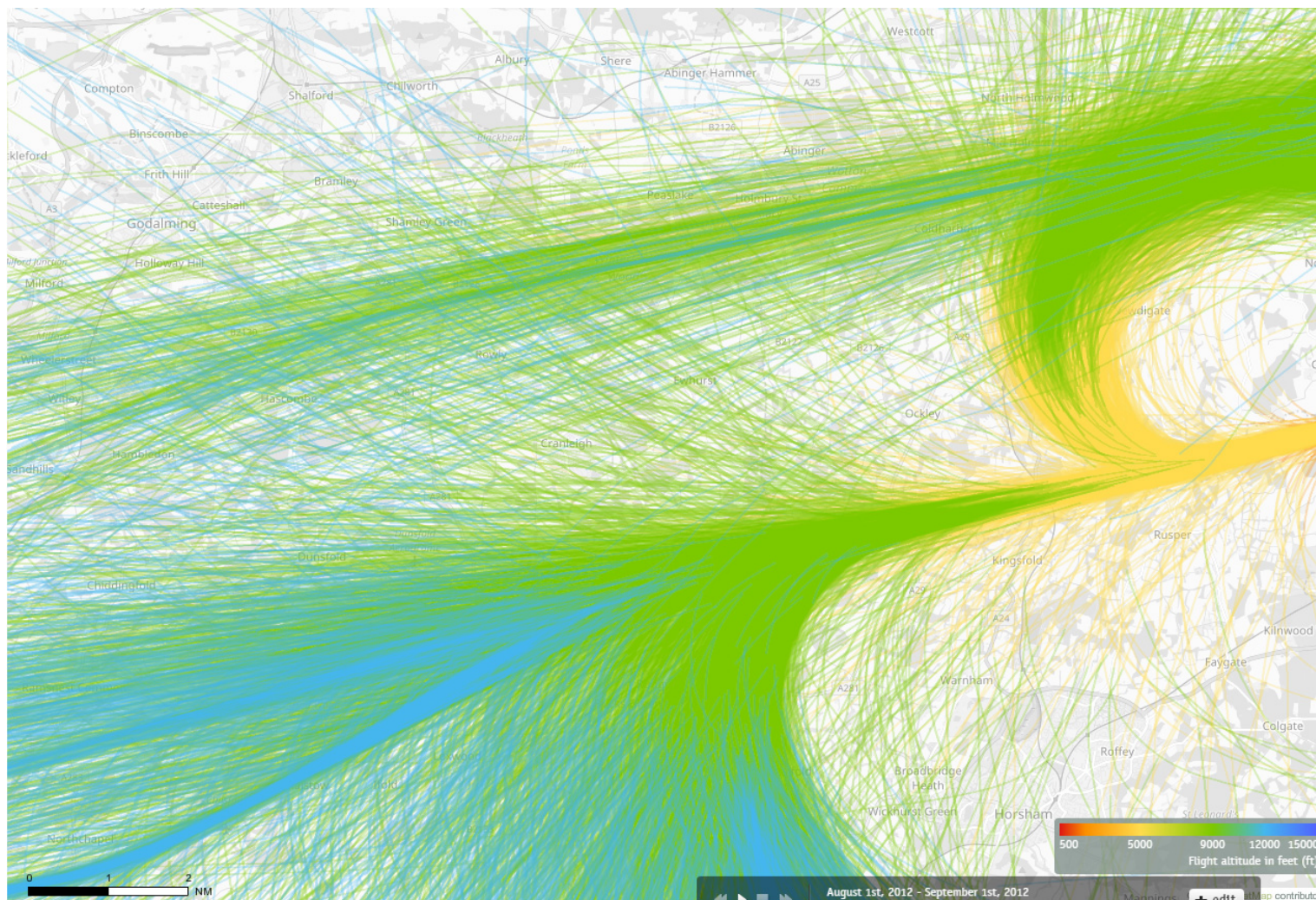
Gatwick departure track density over Cranleigh, 16 June to 15 September 2016



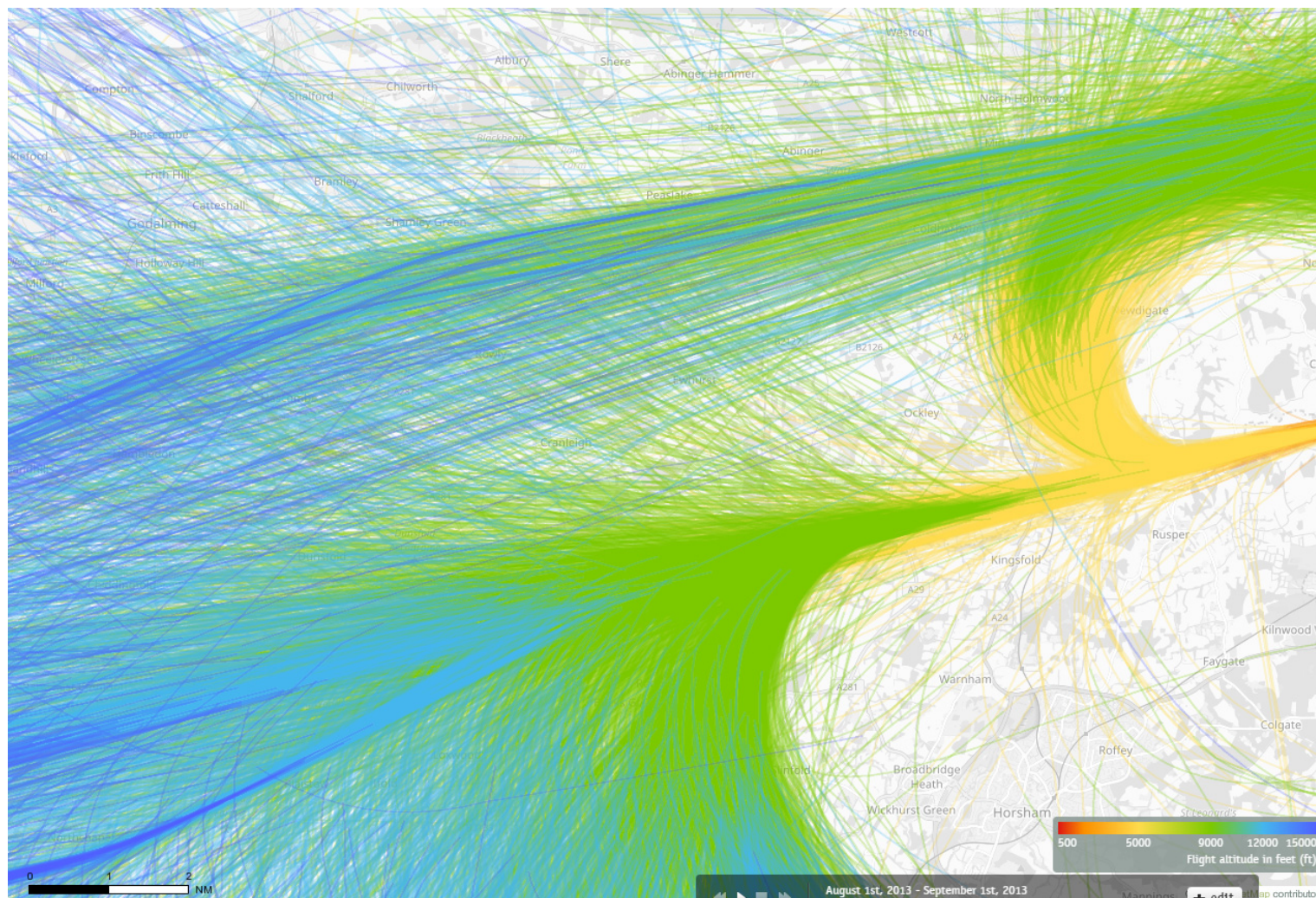
Gatwick departure track density over Cranleigh, 1 December 2016 to 28 February 2017



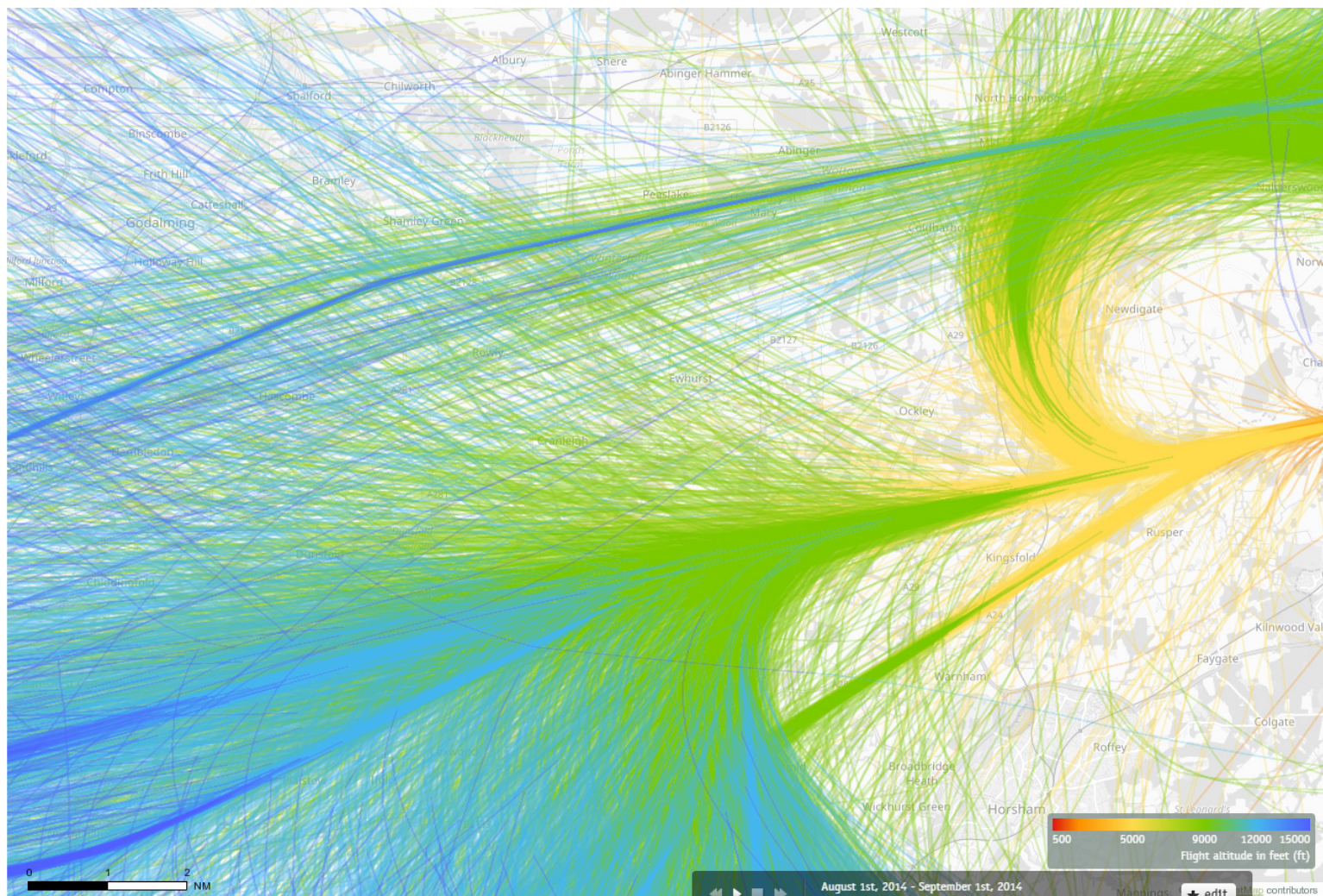
Gatwick departure radar tracks over Cranleigh, 1 to 31 August 2012



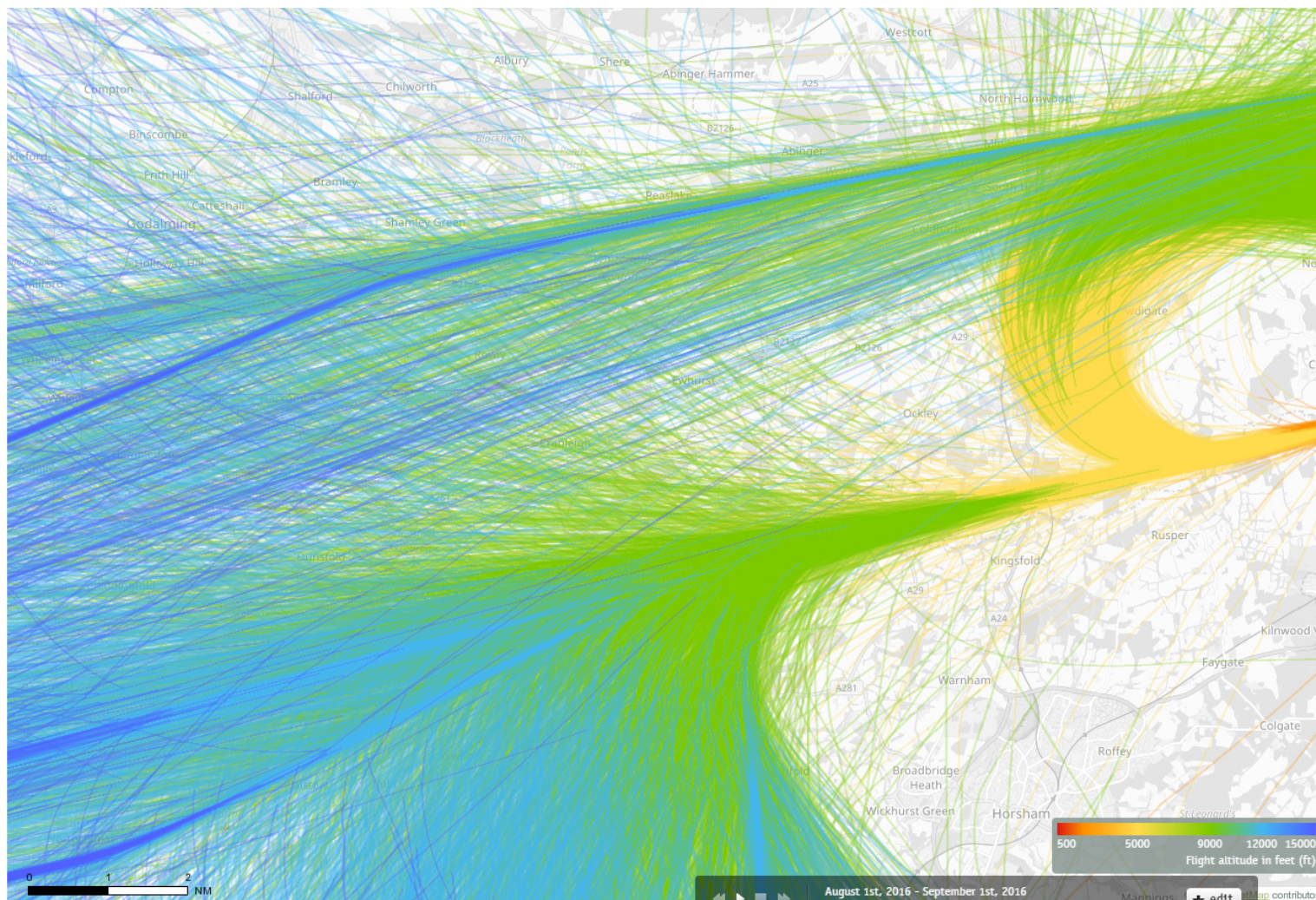
Gatwick departure radar tracks over Cranleigh, 1 to 31 August 2013



Gatwick departure radar tracks over Cranleigh, 1 to 31 August 2014



Gatwick departure radar tracks over Cranleigh, 1 to 31 August 2016



Gatwick departure radar tracks over Cranleigh, 1 to 31 January 2017

