

Airspace Change Proposal

Main Consultation Documents

Appendix C:

High resolution Noise Contours



Appendix C: High-resolution Noise Contours

This appendix contains large-scale high-resolution versions of the noise contours shown in section 9.2 of the Community and local area interest consultation document.

It is recommended to read the Community and local area interest consultation document ahead of reviewing these contours. This document can be found at: <https://consultations.airspacechange.co.uk/doncaster-airport/dsa-airspace>.

The contours will also be available to view digitally at our in-person consultation events (please use the website link above for event details).



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Figure A4-02: 2028 LAeq,16h Summer Noise Contours Option 3

0 1 2 3 4 km

Scale at A1: 1:20,000

Map Source © Open Street Map

CACI Population Density per km²



- Key:**
- | | |
|---------------|---------------|
| 51 dB (LOAEL) | 63 dB (SOAEL) |
| 54 dB | 66 dB |
| 57 dB | 69 dB |
| 60 dB | 72 dB |

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Figure A4-04: 2037 LAeq,16h Summer Noise Contours Option 3

0 1 2 3 4 km

Scale at A1: 1:20,000

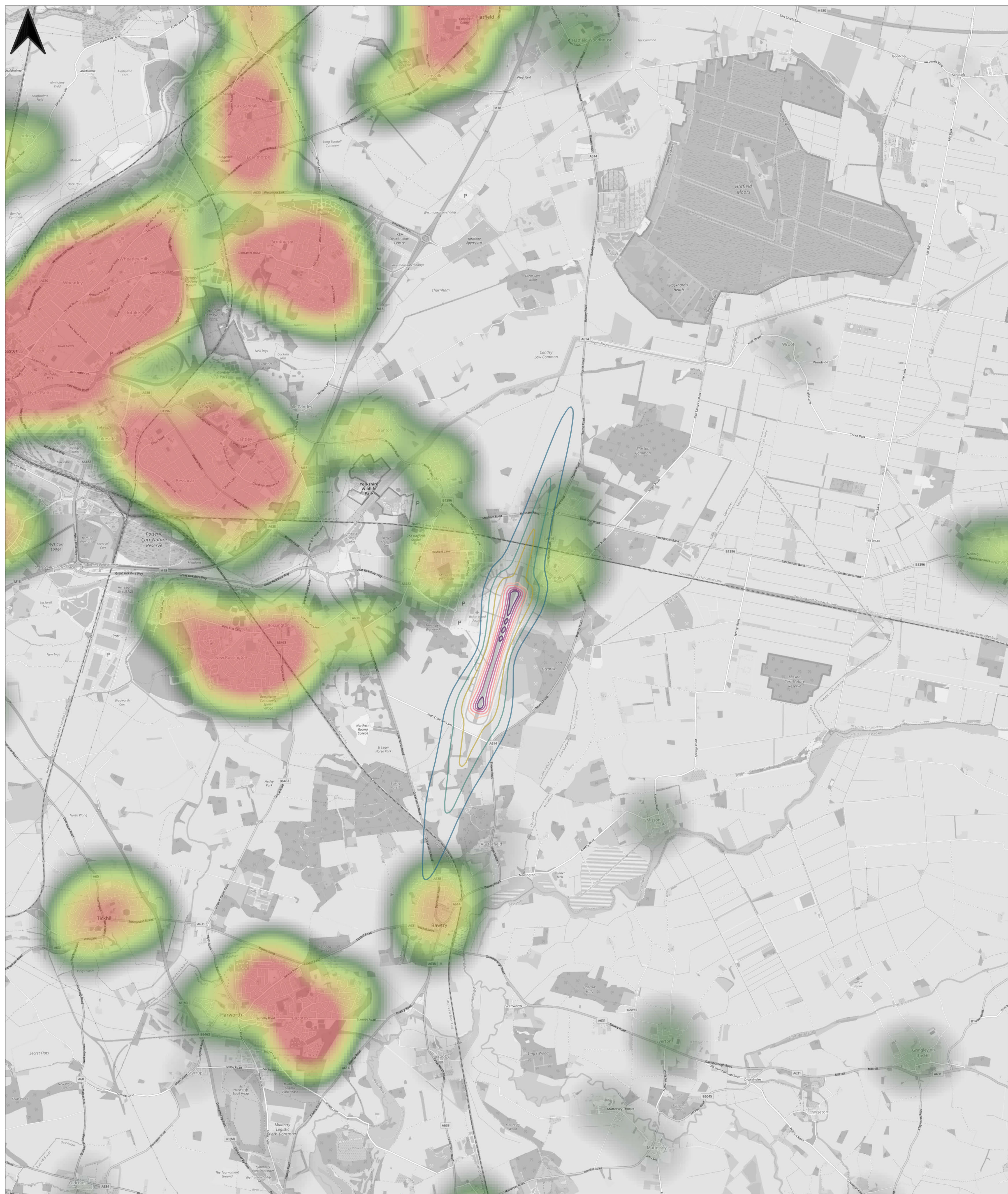
Map Source © Open Street Map

CACI Population Density per km²

100 3,000

Key:

51 dB (LOAEL)	63 dB (SOAEL)
54 dB	66 dB
57 dB	69 dB
60 dB	72 dB



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**Figure A4-06: 2028 LAeq,8h Summer
Noise Contours Option 3**

0 1 2 3 4 km

Scale at A1: 1:30,000

Map Source © Open Street Map

CACI Population Density per km²



Key:

- | | |
|---------------|-------|
| 45 dB (LOAEL) | 57 dB |
| 48 dB | 60 dB |
| 51 dB | 63 dB |
| 55 dB (SOAEL) | 66 dB |

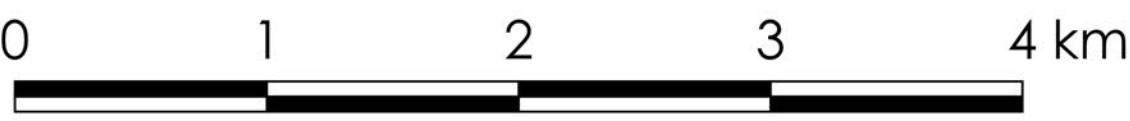
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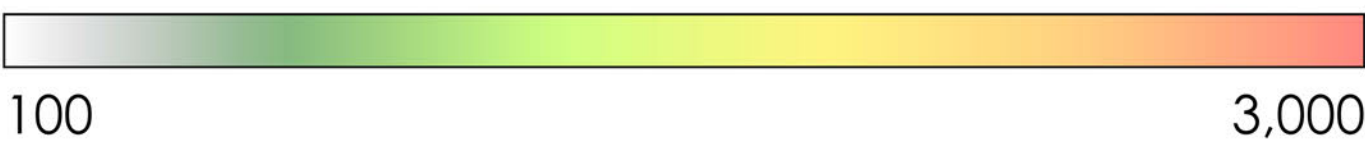
**Figure A4-08: 2037 LAeq,8h Summer
Noise Contours Option 3**



Scale at A1: 1:30,000

Map Source © Open Street Map

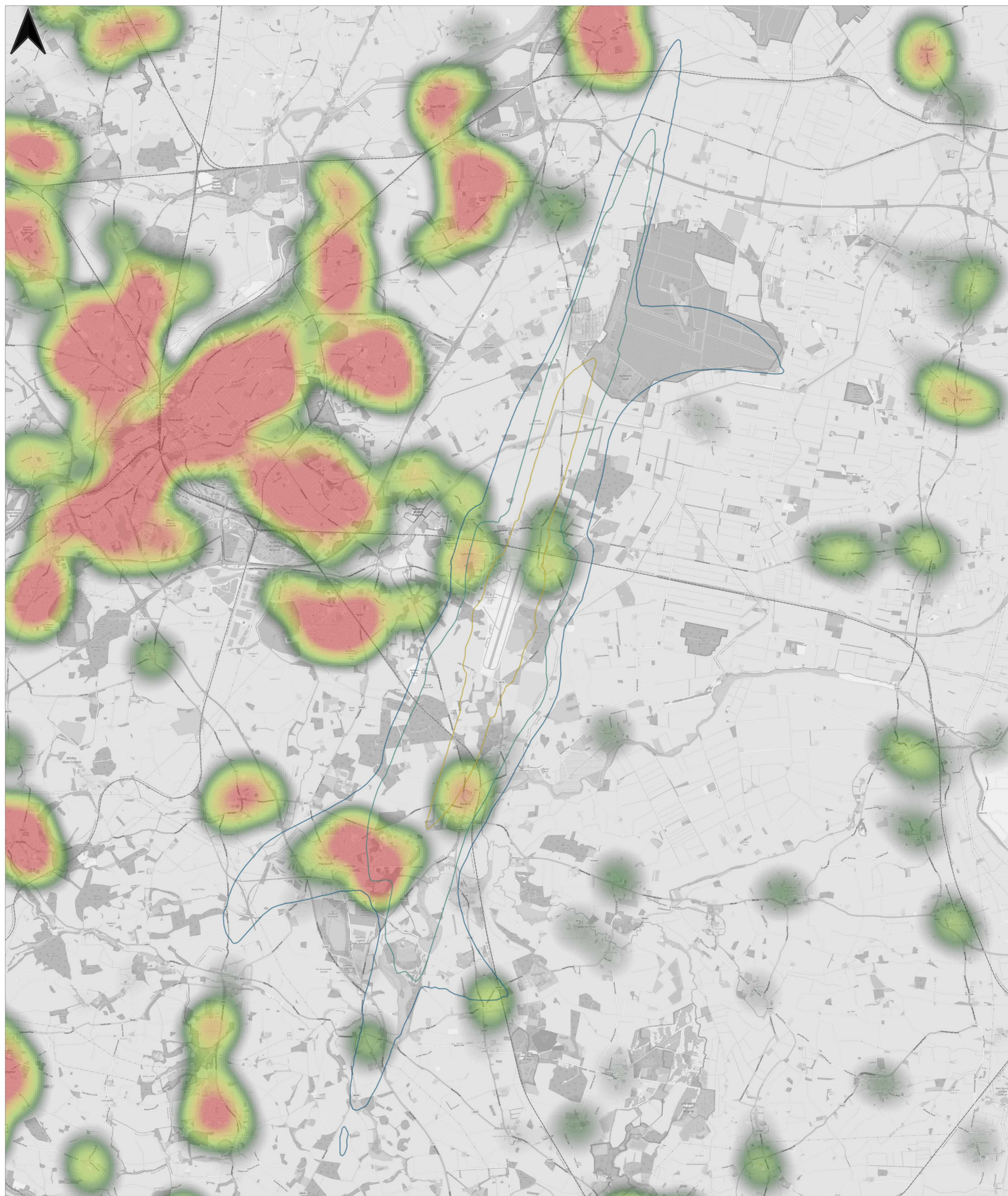
CACI Population Density per km²



Key:

- | | |
|---------------|-------|
| 45 dB (LOAEL) | 57 dB |
| 48 dB | 60 dB |
| 51 dB | 63 dB |
| 55 dB (SOAEL) | 66 dB |





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**Figure A4-10: 2037 N65 Summer Noise
Contours Option 3**

0 1 2 3 4 km

Scale at A1: 1:45,000

Map Source © Open Street Map

CACI Population Density per km²



- Key:**
- | | |
|----|-----|
| 5 | 100 |
| 10 | 200 |
| 20 | 300 |
| 50 | 400 |

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Figure A4-12: 2037 N60 Summer Noise Contours Option 3

0 1 2 3 4 km

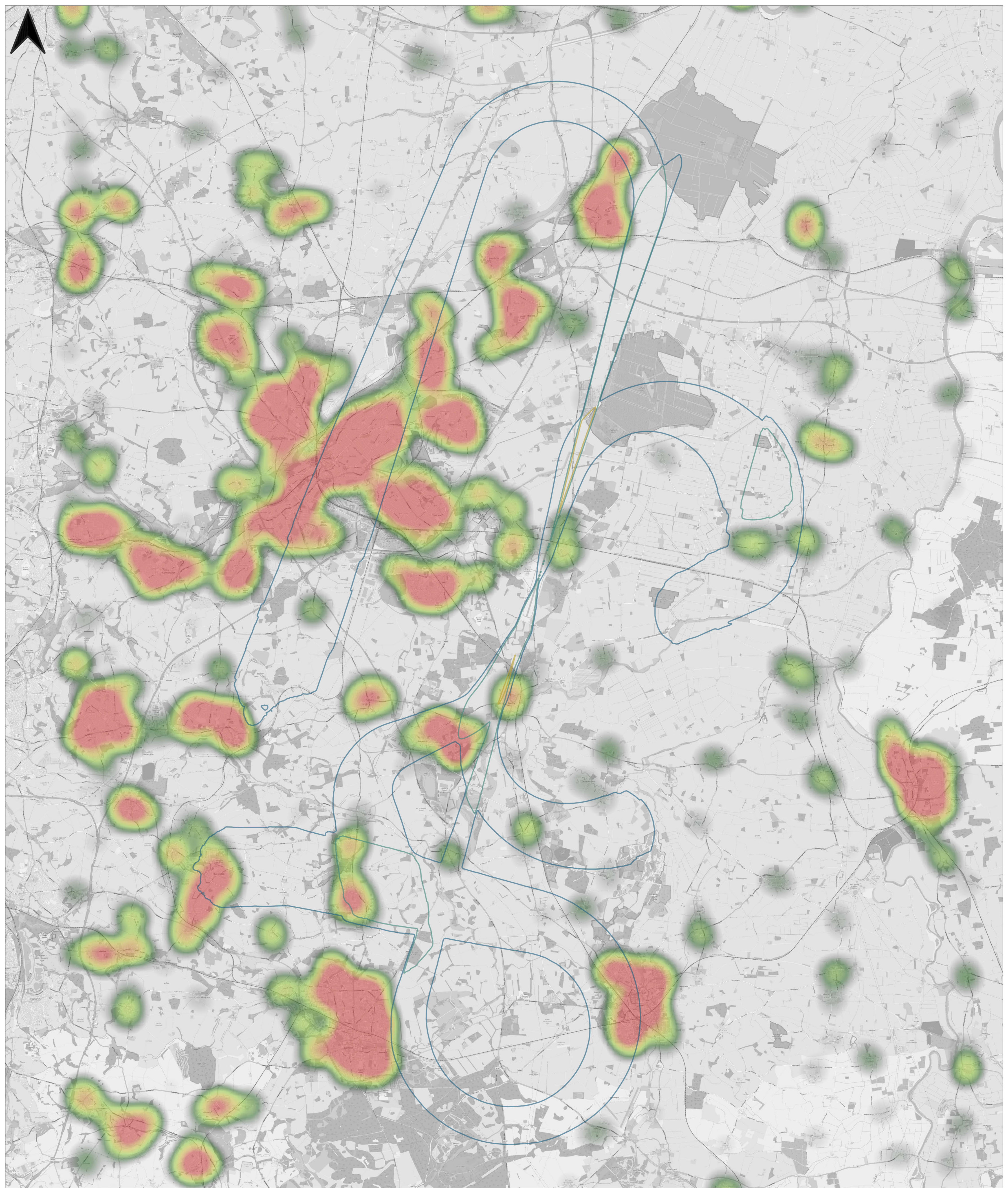
Scale at A1: 1:30,000

Map Source © Open Street Map

CACI Population Density per km²



- Key:**
- 5 50
 - 10 100
 - 20 200



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**Figure A4-14: 2037 Overflights Day
Summer Noise Contours Option 3**

0 1 2 3 4 km

Scale at A1: 1:70,000

Map Source © Open Street Map

CACI Population Density per km²



Key:

5	100
10	200
20	300
50	400

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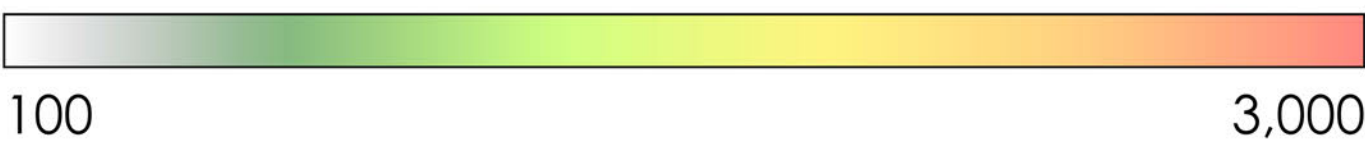
**Figure A4-16: 2037 Overflights Night
Summer Noise Contours Option 3**



Scale at A1: 1:30,000

Map Source © Open Street Map

CACI Population Density per km²



- Key:**
- 5
 - 10
 - 20
 - 50
 - 100
 - 200