

AIRCRAFT NOISE REPORT

Kew Green

10.0 km from London Heathrow airport (LHR) · 322 days of flight data, 29 September – 28 September 2026

5 /10**Moderate exposure**

How much aircraft noise this place gets, from 1 (very little) to 10 (very high).

66**loud events a day**

Planes louder than 65 dB here: loud enough to interrupt a conversation.

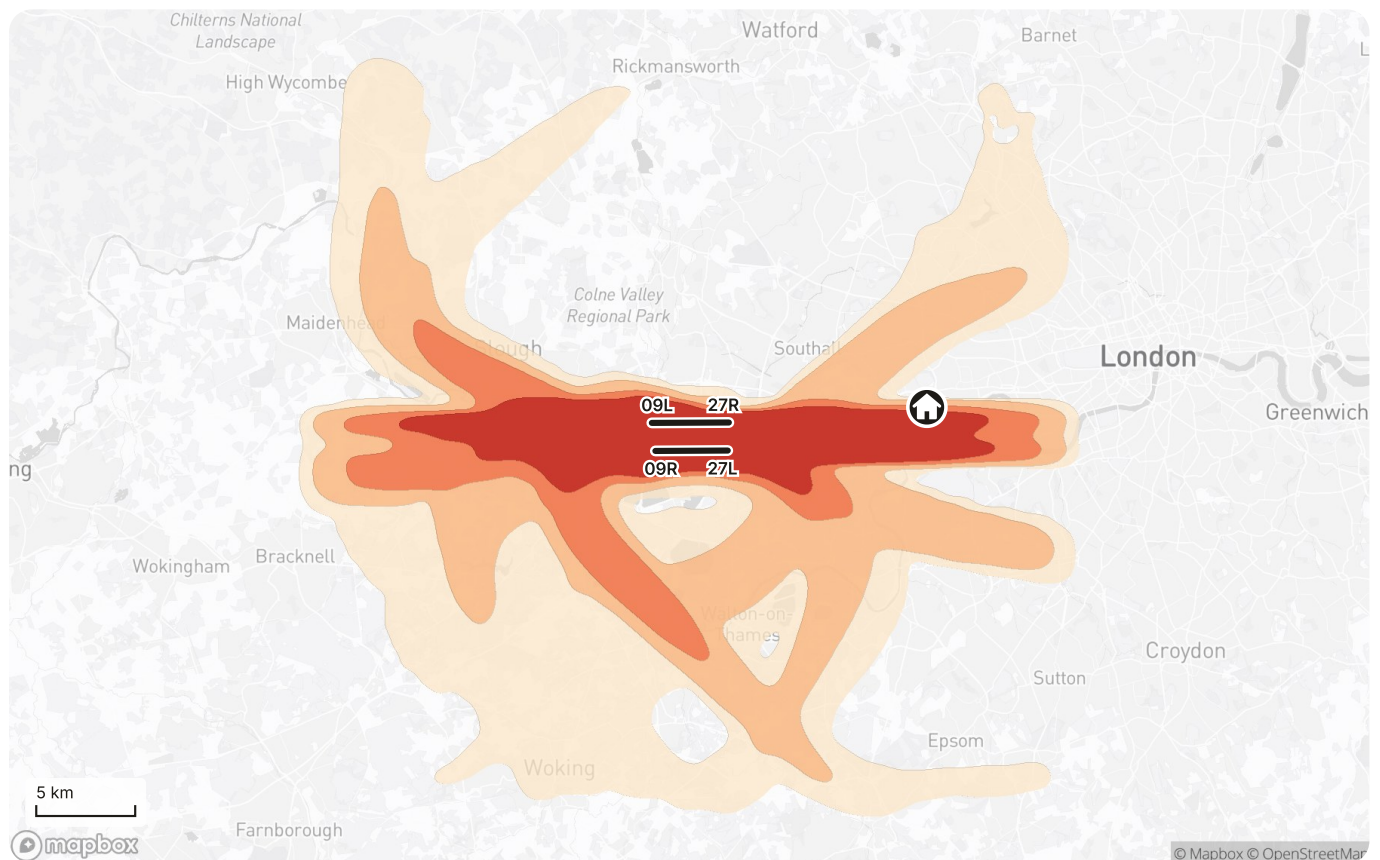
11**a night**

Loud planes between 23:00 and 07:00.

55 dB**average noise**

Aircraft noise averaged over day and night. The WHO recommends under 45 dB.

ON THE MAP · LOUD EVENTS A DAY



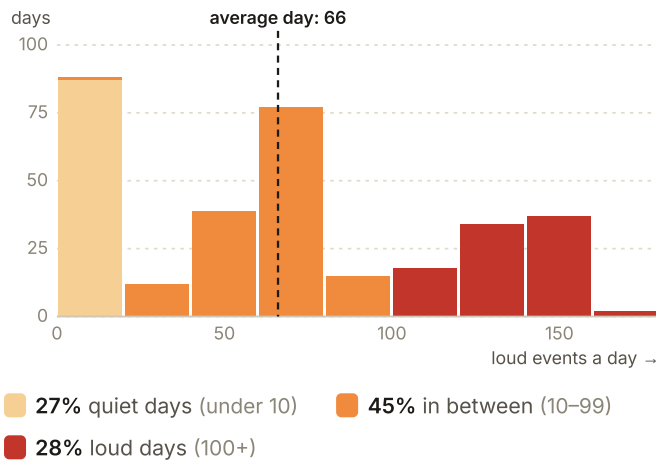
Loud events a day 1-10 10-50 50-100 100+ · louder than 65 dB, average over 322 days

Loudest plane here **Boeing 767-300 landing, up to 71 dB**

LOUD DAYS AND QUIET DAYS

28% of days are loud, 27% are quiet

Every day with full data (322), by its loud events: flights louder than 65 dB at the place.



WHAT MAKES A DAY LOUD

It depends on the runway in use

Aircraft take off and land into the wind, so mostly the wind decides which way the airport runs. In light winds, noise rules, runway works or traffic can decide instead.

Runway 27 · usually a west wind

71% of days: landings come over the place

92

loud a day

Runway 09 · usually a east wind

29% of days: take-offs climb out over the place

4

loud a day

How much of the difference between days each explains

Runway in use		61%
Season		6%
Day of the week		0%

164

loud events on the loudest day, 11 October

0

on the quietest day, 13 October

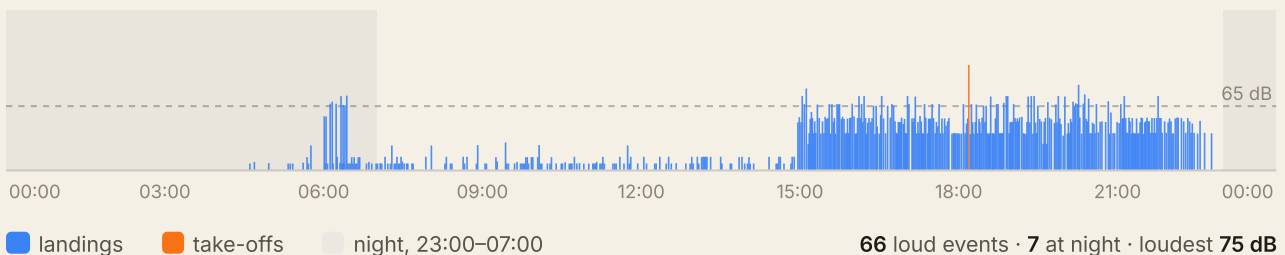
32%

of days come within a quarter of the average (66)

A REAL DAY · TYPICAL

Monday 8 June 2026

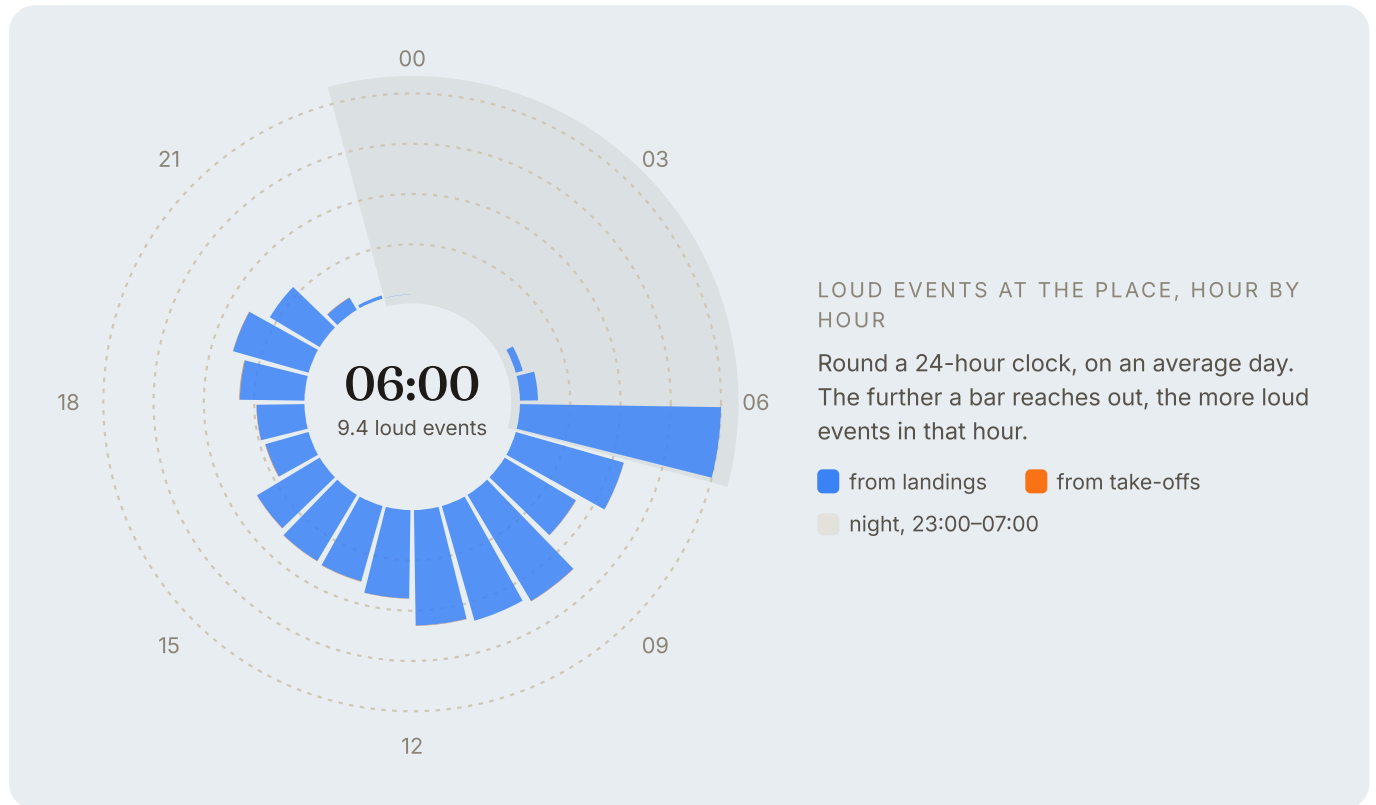
A day close to the middle of all days here. Every flight heard at the place is a spike, as tall as it was loud; above the dashed line is a loud event.



THE RHYTHM OF A DAY

Loudest around 06:00

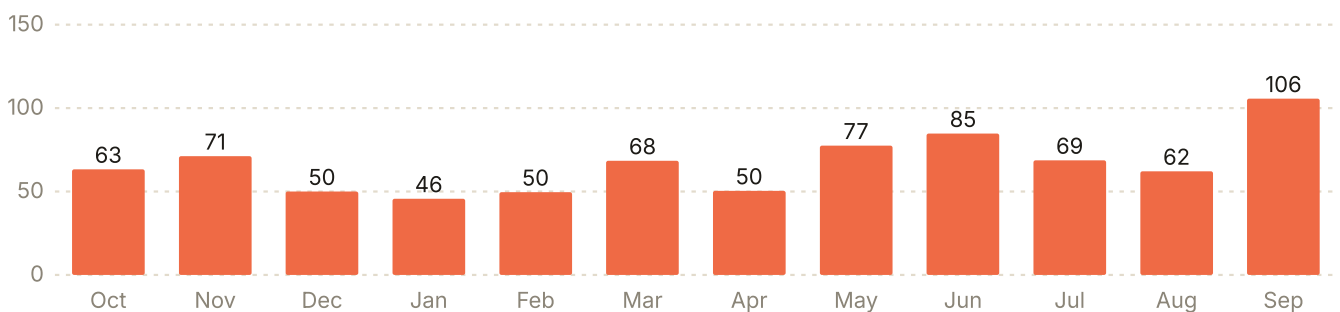
About 9.4 loud events in that hour, one every 6 minutes or so, and it stays loud from 06:00 to 10:00. Nights (shaded) bring about 11.



ACROSS THE YEAR

Loud events a day, month by month

Averages over the complete days of each month. Empty months are not in the data yet.



22:00–06:02

the quiet part of a usual night here: no loud events for about 8.0 hours

+8%

loud events at weekends compared with weekdays: 70 against 64 a day

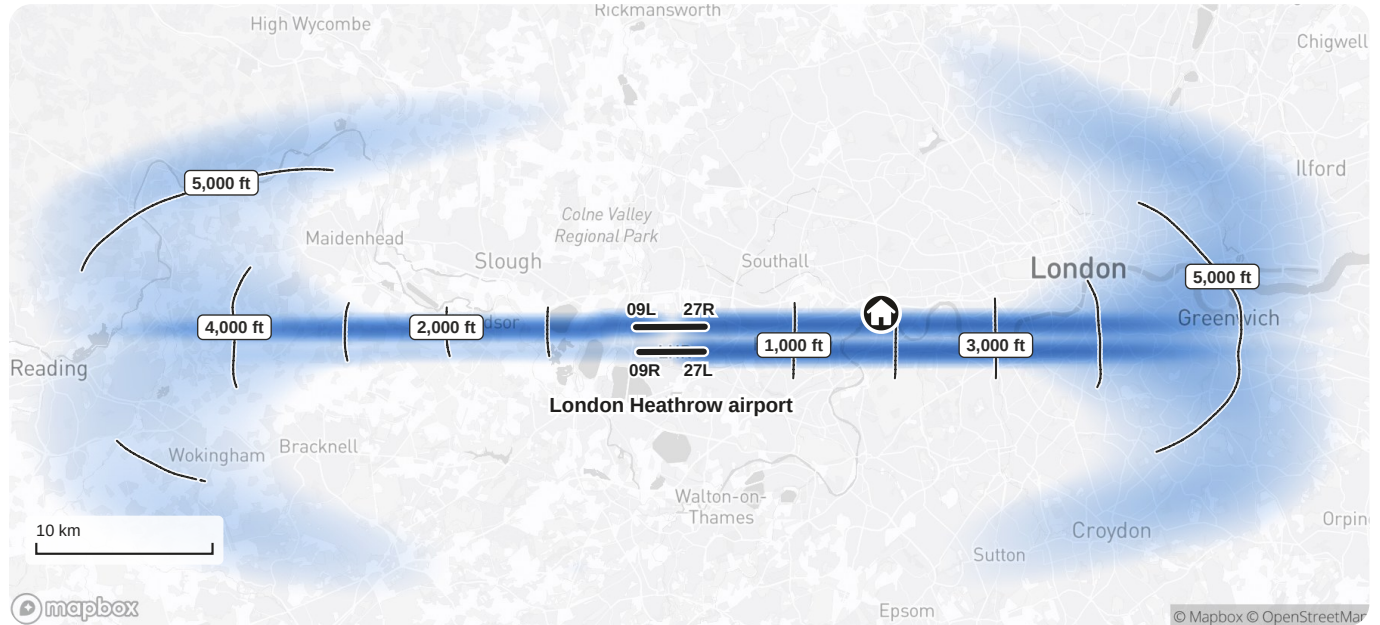
23:26–04:34

the airport's usual quiet spell: no flights at all at LHR

HOW HIGH

Where the planes fly

Where the planes pass, and how high: the darker, the more flights a day over that spot; the lines give their height there. Lower is louder. **Take-offs pass much higher and are quieter here, so landings are the loud part.**



Landings a day, over each spot



Landings pass the place at about **1,700 ft** above the airport, 0.7 km to the side, typically **57 dB** here; 8 in 10 between 1,400 ft and 2,200 ft.



Take-offs a day, over each spot



Take-offs pass the place at about **3,600 ft** above the airport, 0.7 km to the side, typically **39 dB** here; 8 in 10 between 2,600 ft and 4,800 ft.

THE PLANES BEHIND THE LOUD EVENTS

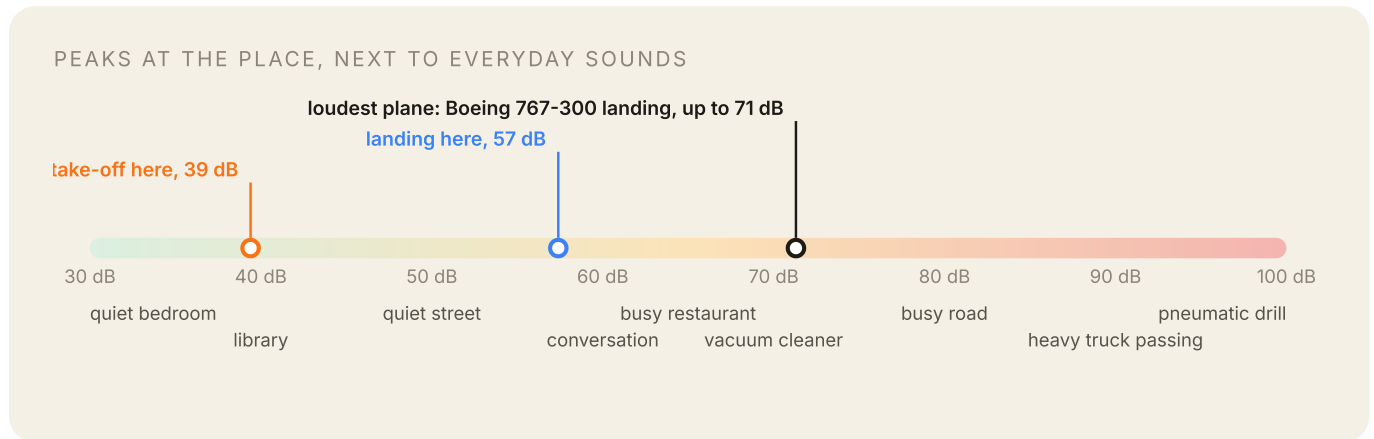
Boeing 777-300ER 25% · **Boeing 787-9** 23% · **Boeing 777-200** 13% · **Boeing 787-8** 9% · **Airbus A380-800** 6% · **Boeing 767-300** 5%

wide-body jets 100%

HOW LOUD

Landings here peak at about 57 dB, as loud as a conversation

How loud one plane is at the place, next to everyday sounds, and the average levels official noise maps use. Estimated for every flight with the European method for airport noise maps and the official aircraft noise data.



Loud events

Flights louder than	Average day	Loudest day
65 dB	66	164
70 dB	2	11
80 dB	0	1
65 dB at night	11	36

Average levels

	Here	WHO guideline
Day and night (Lden)	55 dB	45 dB
Night, 23:00–07:00 (Ln)	47 dB	40 dB
Day, 07:00–19:00 (Ld)	53 dB	–
Evening, 19:00–23:00 (Le)	51 dB	–

Outdoors, 4 m above the ground, aircraft only. Indoors, open windows take off about 10–15 dB and closed double glazing about 25–35 dB. WHO: Environmental Noise Guidelines for the European Region (2018).

BEFORE YOU DECIDE

What to check at this address

- 1 Visit when runway 27 is in use**, usually when the wind is from the west: that is when it is loud here, about 92 loud events a day. A flight-tracking app shows the runway in use.
- 2 Be there around 06:00**, the loudest hour of an average day.
- 3 Stay for an evening or an early morning**: nights bring about 11 loud events.
- 4 Ask about the windows**: closed double glazing takes about 25–35 dB off, and many airports pay towards insulating nearby homes.
- 5 Check the airport's plans**: new routes, runway works or new rules for night flights can change all of this.

ANOTHER ADDRESS?

Every address has its own report

Flight paths are narrow: a few streets away, the loud days, the loud hours and the loudest planes can be quite different. A report looks at one address in detail.

[Get a report for another address → flightnoise.fyi](#)

How this report is made

Every aircraft broadcasts its position, height and identity (ADS-B). Volunteer receivers collect these messages and ADSB.lol publishes them. Flight Noise stores every flight, finds each landing and take-off and its runway, and estimates how loud each one was at this address.

Period	322 complete days, 29 September – 28 September 2026; the report covers a rolling 12 months. 35 days are left out because the receiver network recorded them only in part.
Loud events	Flights louder than 65 dB at the place, the way the UK (N65) and Australia (N70) present airport noise to residents.
Noise levels	Estimated, not measured on site: the ECAC Doc 29 method with the EUROCONTROL/EASA ANP 2.3 aircraft noise data.
Near the runway	Receivers often lose aircraft low down, in the last few kilometres. A track that stops short is completed along the runway line (down a 3° slope for landings). In all, 9% of flights needed some completing.
Heights	Reported by the aircraft, shown above the airport. "Over the place": at least 48.5° above the horizon, the UK Civil Aviation Authority's definition (CAP 1498).

Only aircraft picked up by receivers near the airport are counted, so counts are a minimum. Noise levels are estimates for open ground: buildings, terrain and weather change what you hear. Past traffic does not guarantee future traffic.

Flight data © ADSB.lol contributors (ODbL 1.0). Aircraft noise data: EUROCONTROL/EASA ANP 2.3 and ANP aircraft substitutions (2018). Maps © Mapbox © OpenStreetMap contributors. Airports and runways: OurAirports.