

Living near the airport

Where aircraft fly

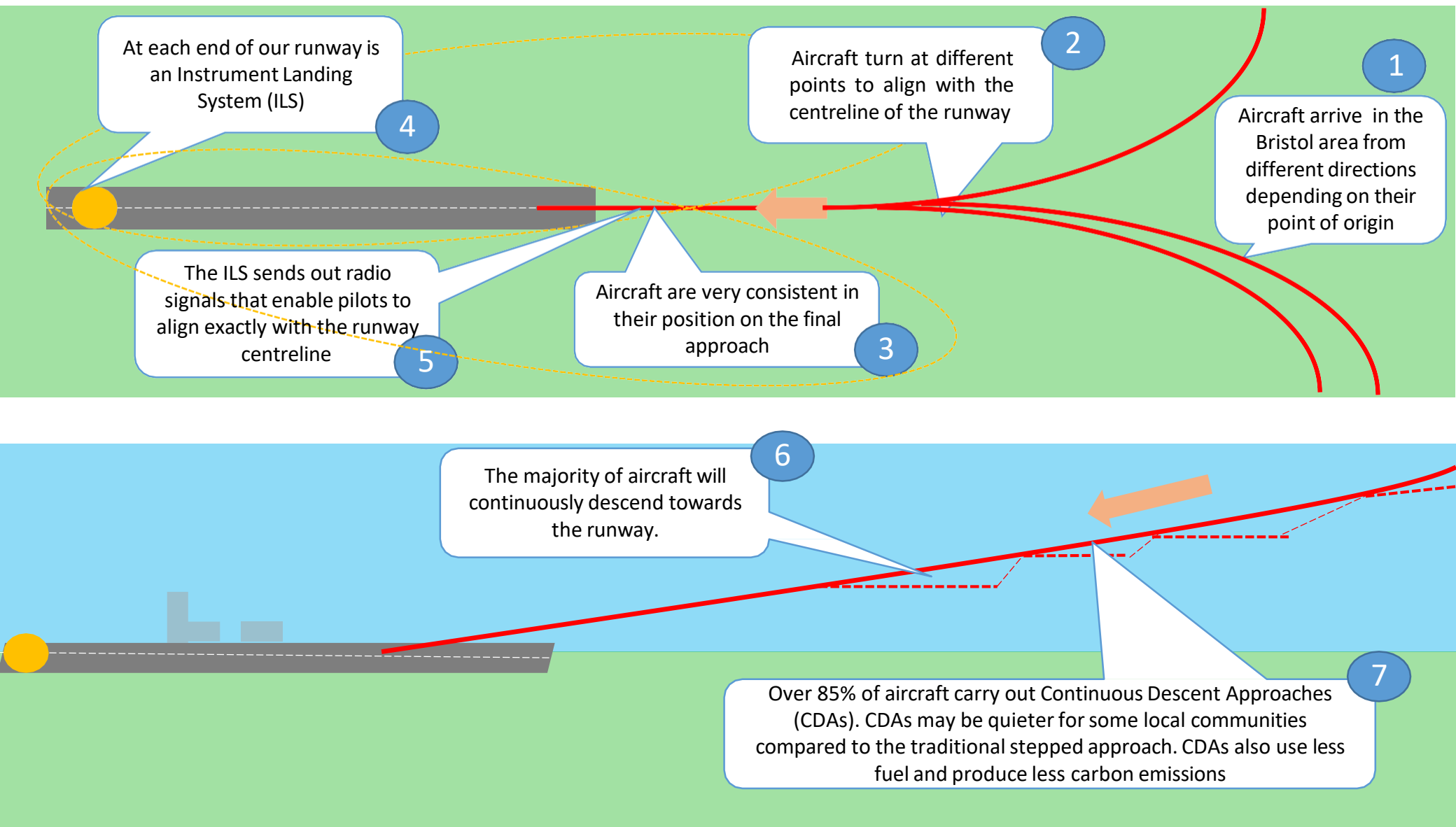
Decorative wavy lines in blue and green at the bottom of the slide.



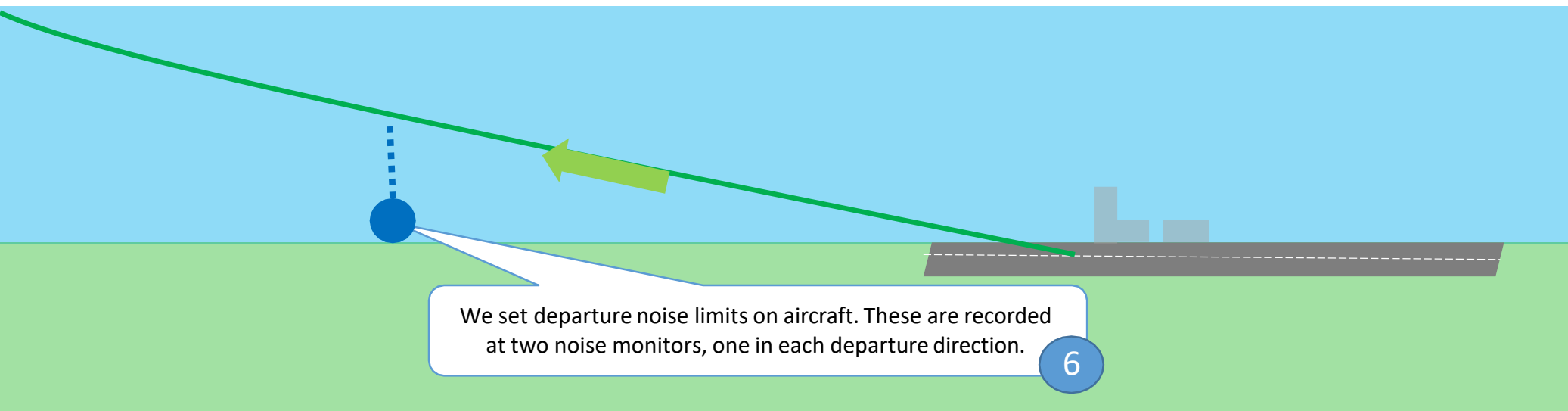
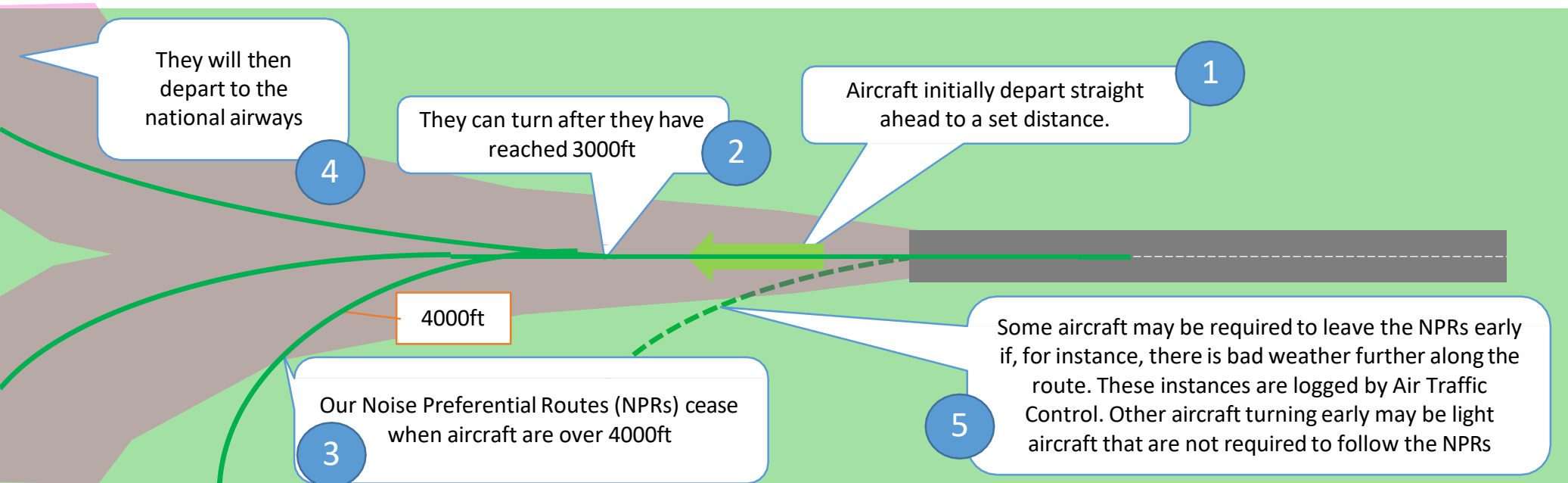
Keeping track

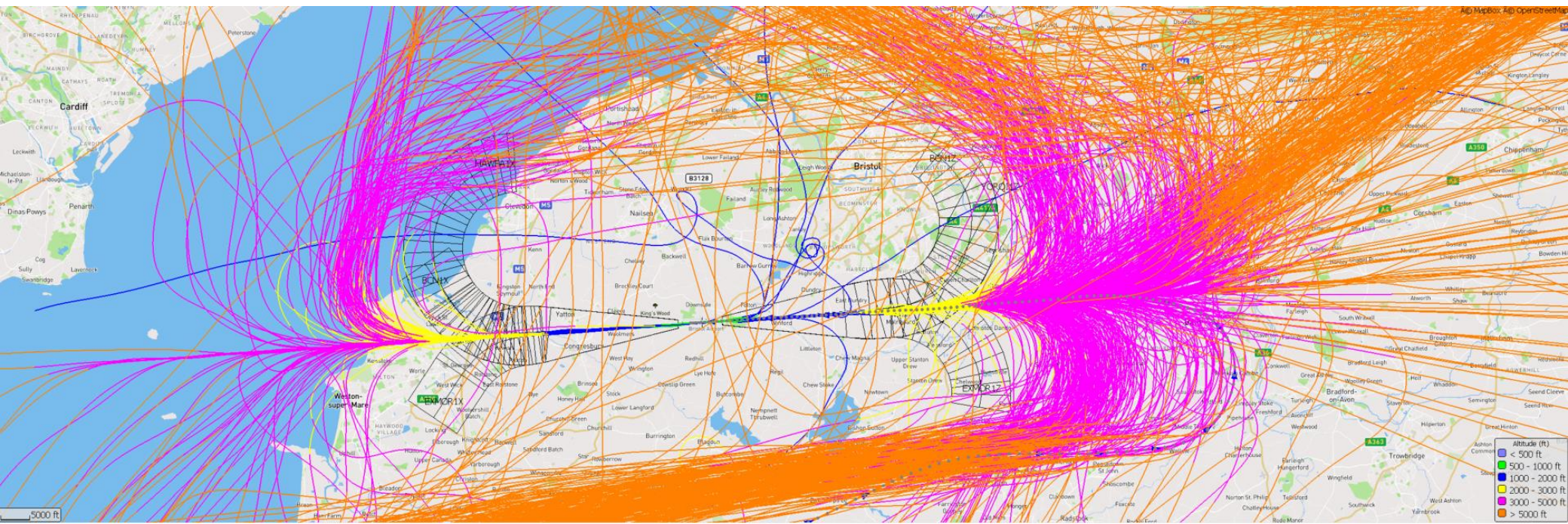
- We record all of the aircraft movements in and out of Bristol Airport using our Noise and Track-keeping System.
- This includes the radar tracks/paths of all the flights
- The next few pages show information on flight movements which local residents and those potentially looking to move to the area may find useful.
- In showing our movements, we have picked our busiest month of the year (August), to give you an idea of our peak activities.

How aircraft arrive



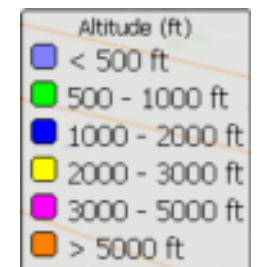
How aircraft depart



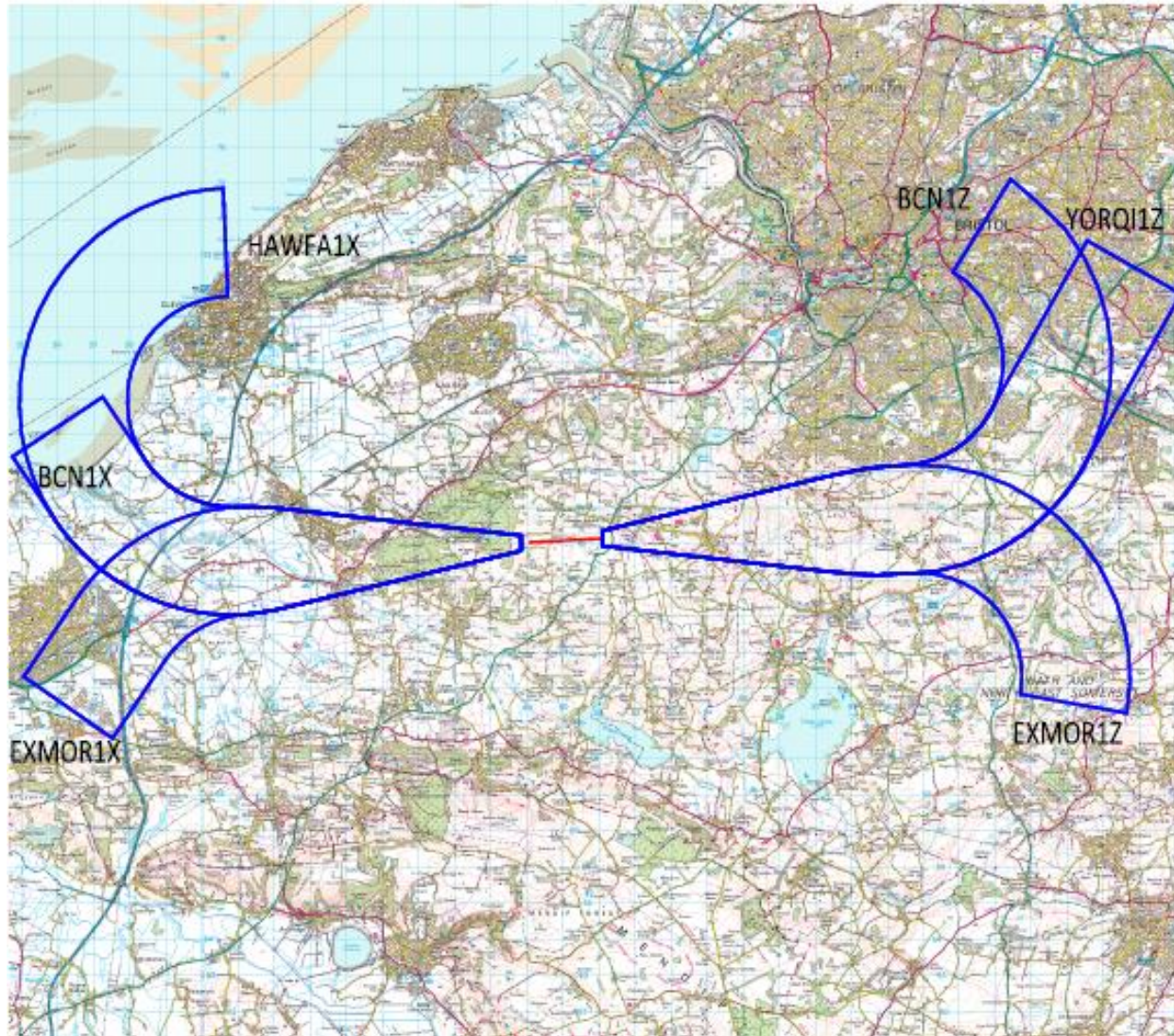


Aircraft positions and their heights

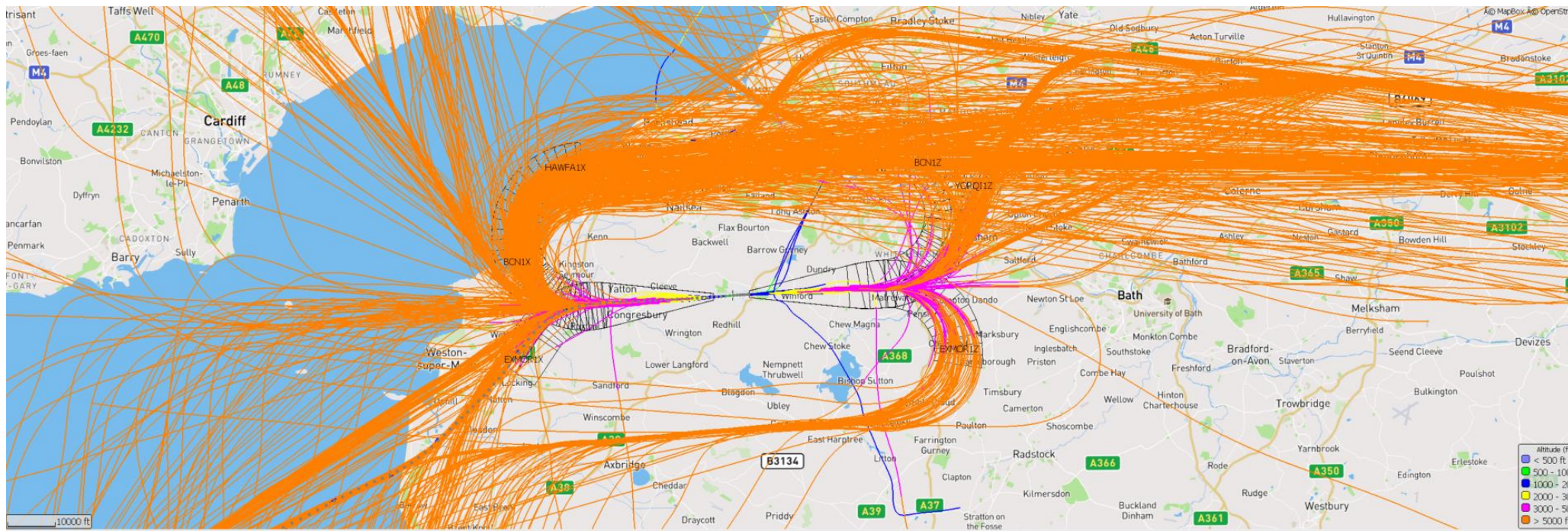
This map shows both arrivals and departures from Bristol Airport from one week in August 2024. It is color coded to show the heights that the aircraft were at.



Noise Preferential Routes



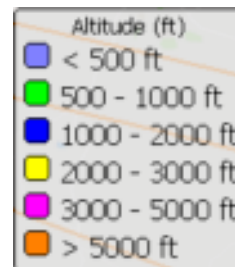
All aircraft over 5,760kg are expected to follow the paths highlighted within blue, only on departure, up to 4000ft.



Aircraft positions and their heights

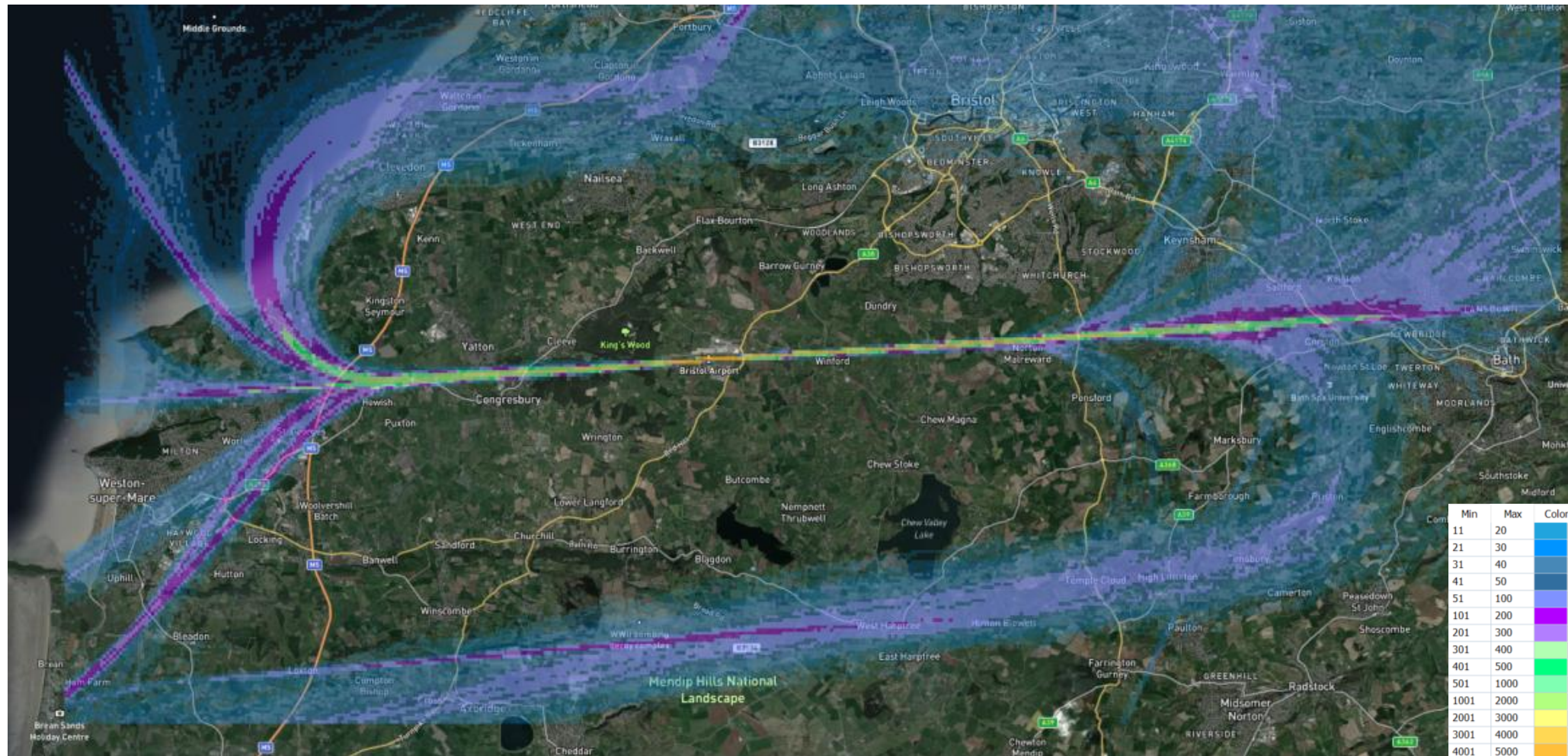
This map depicts departures from Bristol Airport from one week in August 2024. It is color-coded to show the heights that the aircraft were at.

There were a couple of small aircraft under the weight limit to follow the noise preferential routes this week, shown as blue tracks on the map.



Aircraft numbers

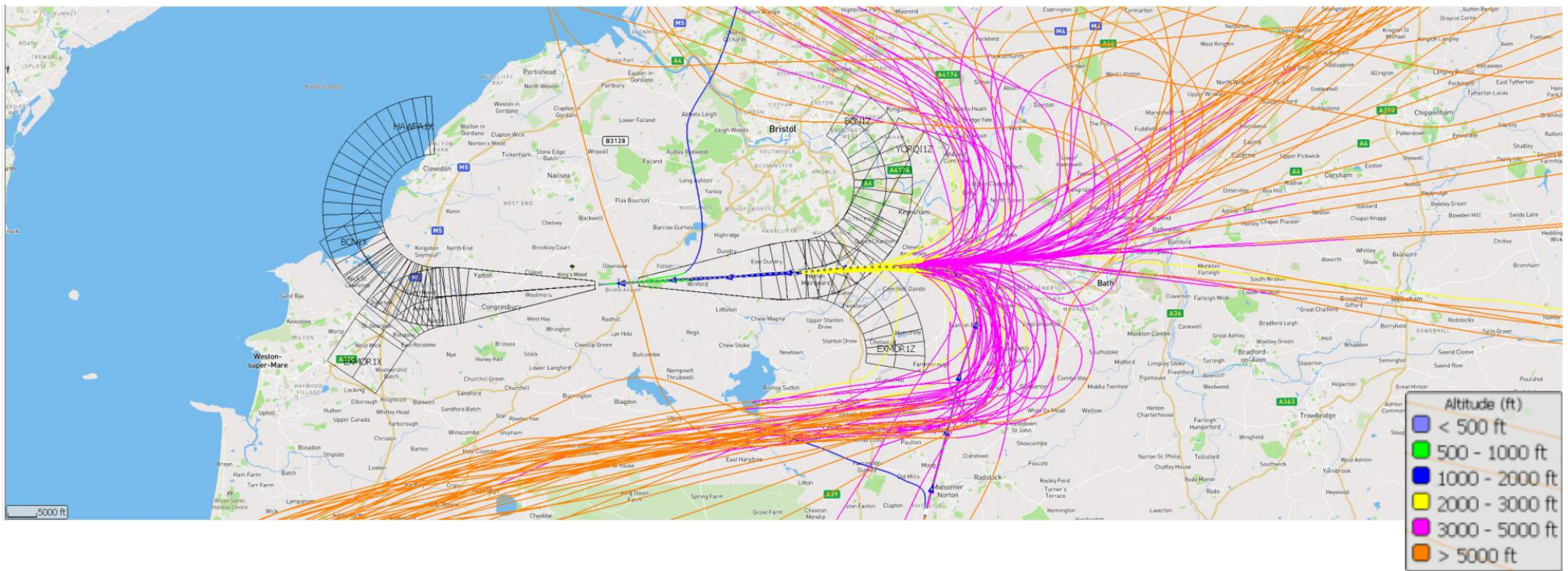
This map shows you the number of flights that flew over an area during August 2024. Areas with less than 10 flights have no colour overlay.



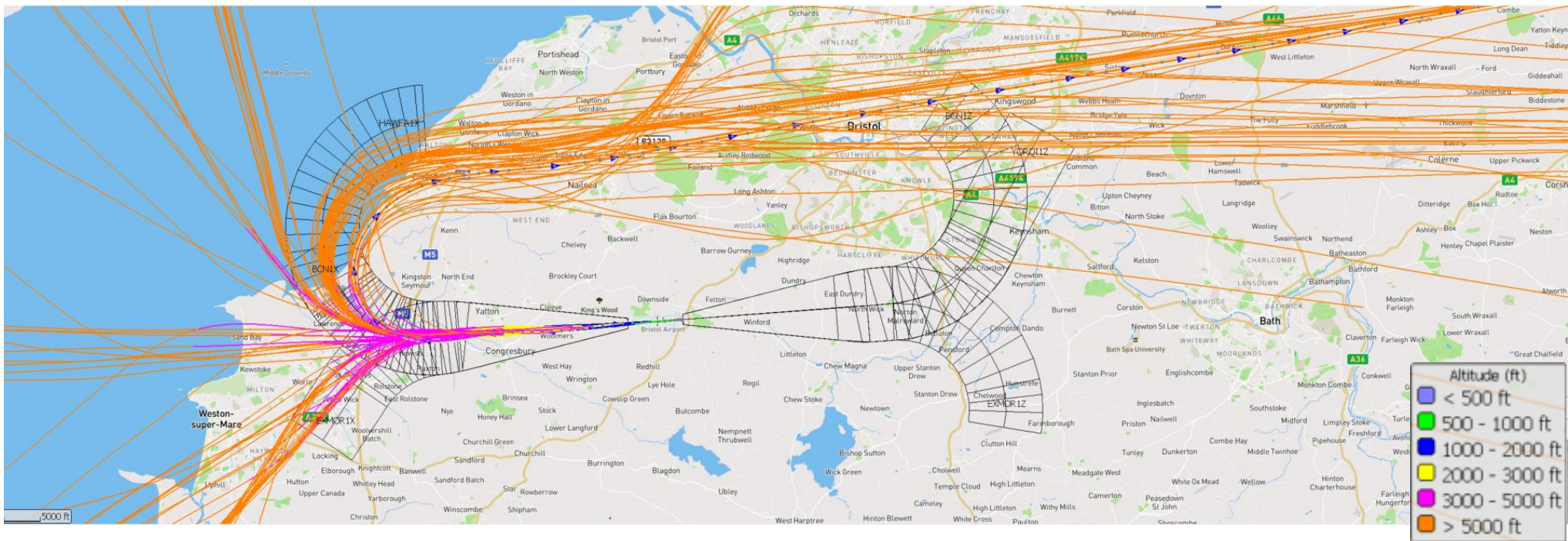


In which direction do aircraft arrive and depart?

- The direction that our one runway operates in is dependent on weather conditions, particularly wind. Aircraft will be positioned to land and take-off into wind.
- When aircraft are arriving from the east and departing to the west this is **Runway 27**. We use this direction about 75% of the time.
- When aircraft are arriving from the west and departing to the east this is **Runway 09**.
- The runway names come from the compass heading they are travelling towards (090° or 270°).
- The next few pages show typical movements on a summers day when each runway direction was in use



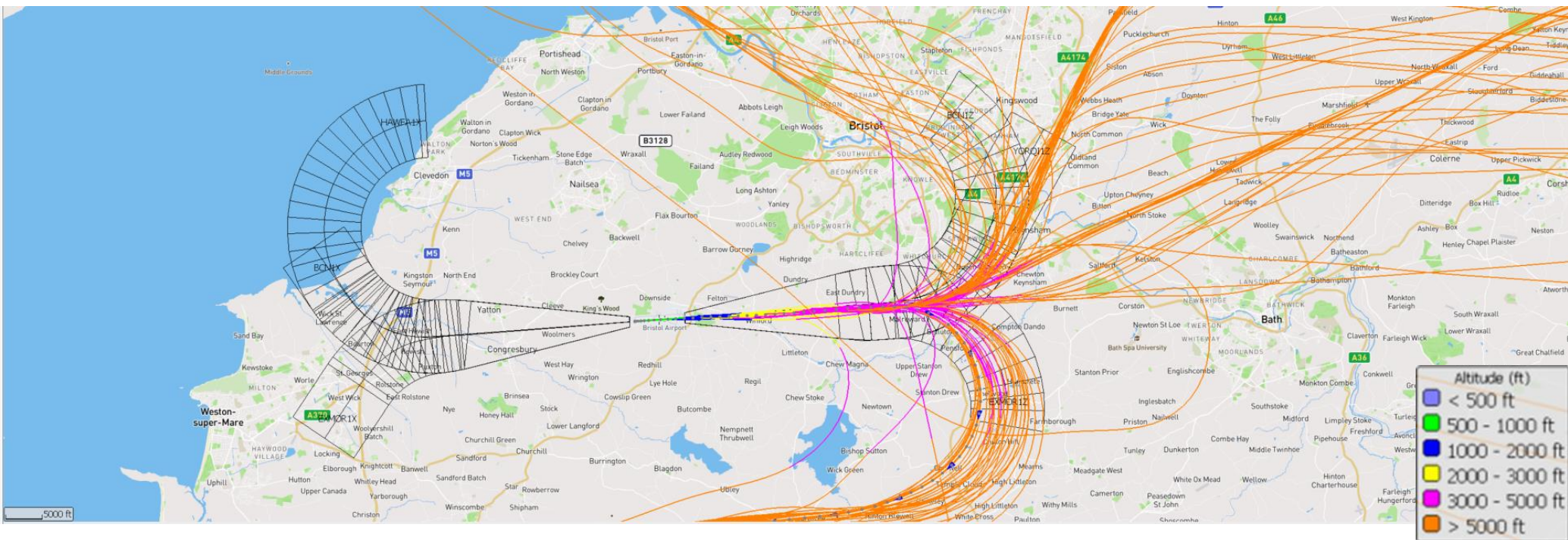
Runway 27 Arrivals



Runway 27 Departures



Runway 09 Arrivals



Runway 09 Departures