Airspace Classification Review: Visualisations depicting controlled airspace and its use

Northern UK – Summer 2019

Weekdays
How to use the visualisation images

The following images have been provided by NATS and show how airspace is being used by region, flight level (FL) and at specified time slots during the summer and winter. The images depict all airspace activity over a three-month period within the identified parameters. The key below describes the different types of activity shown.

**Controlled Airspace:** includes all classes of airspace at the specified flight level.

**Radar Data / Airspace Use:** indicates where aircraft using the controlled airspace have flown according to stored radar data. This includes where aircraft have flown on designed routes (such as SIDs and STARs) and also where aircraft have flown in response to air traffic control direction. The tracks shown are the combined ground tracks of arriving/ departing/ transiting air traffic over the period. This does include repeat traffic over the same ground track e.g. where repeat flights happen daily.

**sCAIT Alert:** indicates where one or more Controlled Airspace Infringements (aircraft entering airspace where they were not cleared by air traffic control to do so) have been reported during the three month period analysed.

**Airport:** indicates the location of the airport.
Summer Airspace Use
FL20
Weekdays

Airspace use at 1800hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekdays
North Summer Weekdays

Summer Airspace Use
FL40
Weekdays

Airspace use at 1400hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

Aberdeen
Glasgow
Edinburgh
Summer Airspace Use
FL60
Weekdays

Airspace use at 0800hr (UTC)

- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekdays
North Summer Weekdays
Summer Airspace Use
FL60
Weekdays

Airspace use at 1800hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport
Summer Airspace Use
FL100
Weekdays

Airspace use at 1400hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekdays
North Summer Weekdays
Airspace Classification Review: Visualisations depicting controlled airspace and its use

Northern UK – Summer 2019

Weekends
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North Summer Weekends

Summer Airspace Use
FL20 Weekends

Airspace use at 0800hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

Glasgow
Edinburgh
Aberdeen
Summer Airspace Use
FL20
Weekends

Airspace use at 1100hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekends
North Summer Weekends
North Summer Weekends
North Summer Weekends
North Summer Weekends

**Summer Airspace Use**
FL40
Weekends

**Airspace use at 1800hr (UTC)**
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

Locations:
- Aberdeen
- Glasgow
- Edinburgh
North Summer Weekends

Summer Airspace Use
FL60
Weekends

Airspace use at 1100hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekends
Summer Airspace Use
FL60
Weekends

Airspace use at 1400hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekends
North Summer Weekends
Summer Airspace Use
FL100
Weekends

Airspace use at 0800hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekends
Summer Airspace Use
FL100
Weekends

Airspace use at 1100hr (UTC)
- Controlled Airspace
- Used Airspace
- sCAIT Alert
- Airport

North Summer Weekends
North Summer Weekends