

## Noise Events: Arrival

30 noisiest events

### Kirmington Monitor

May 2021

| Arrival time<br>Date and time | Reg   | Operator                | Aircraft Type         | Flight<br>No. | Runway | Surface Wind<br>knot Angle |     | Lmax<br>(dB(A)) |
|-------------------------------|-------|-------------------------|-----------------------|---------------|--------|----------------------------|-----|-----------------|
| 2021-05-12 13:57:00           | GSELB | The POM Flying Club     | Piper Cherokee        | P02           | 20     | 09                         | 190 | 97.80           |
| 2021-05-12 15:23:00           | ZM416 | ROYAL AIR FORCE         | A400M (Airbus) Atlas  | RAF484        | 20     | 06                         | 230 | 96.40           |
| 2021-05-22 11:03:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC46X        | 20     | 11                         | 290 | 95.70           |
| 2021-05-25 11:43:00           | ZM317 | Barkston Heath          |                       | BKH81         | 20     | 07                         | 270 | 93.40           |
| 2021-05-19 11:23:00           | OYHOF | CHC for Orsted          | Agusta Westland AW169 | ORS91         | 20     | 07                         | 320 | 93.00           |
| 2021-05-26 11:24:00           | GMCGH | Bristow Helicopters Ltd | SIKORSKY S-92 Helibus | SAR912        | 26     | 10                         | 300 | 92.90           |
| 2021-05-11 11:53:00           | OYHOF | CHC for Orsted          | Agusta Westland AW169 | ORS49A        | 20     | 07                         | 210 | 92.50           |
| 2021-05-23 17:22:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC88Y        | 20     | 17                         | 180 | 91.90           |
| 2021-05-07 11:00:00           | GMCGH | Bristow Helicopters Ltd | SIKORSKY S-92 Helibus | SAR912        | 20     | 06                         | 280 | 91.80           |
| 2021-05-20 12:35:00           | GSNSI | CHC for Orsted          | AGUSTA AB-139         | ORS48F        | 20     | 16                         | 170 | 91.50           |
| 2021-05-28 15:07:00           | OYHOF | CHC for Orsted          | Agusta Westland AW169 | ORS49A        | 20     | 05                         | VRB | 91.30           |
| 2021-05-10 17:22:00           | GSNSI | CHC for Orsted          | AGUSTA AB-139         | ORS48B        | 20     | 22                         | 210 | 91.30           |
| 2021-05-21 17:23:00           | GSNSI | CHC for Orsted          | AGUSTA AB-139         | ORS48B        | 20     | 17                         | 210 | 91.20           |
| 2021-05-19 17:57:00           | GMCGH | Bristow Helicopters Ltd | SIKORSKY S-92 Helibus | SAR912        | 20     | 06                         | 350 | 91.00           |
| 2021-05-24 17:11:00           | GSNSE | CHC Scotia              | AGUSTA AB-139         | CHC88Y        | 20     | 03                         | VRB | 90.90           |
| 2021-05-18 14:06:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC46C        | 20     | 09                         | 300 | 90.90           |
| 2021-05-12 19:26:00           | ZK551 | RAF Vortex              | BOEING CHINOOK        | SHF505        | 20     | 03                         | 210 | 90.80           |
| 2021-05-12 11:27:00           | GSNSE | Orsted Fuel Account     | AGUSTA AB-139         | ORF           | 20     | 10                         | 230 | 90.70           |
| 2021-05-25 12:41:00           | OYHOF | CHC for Orsted          | Agusta Westland AW169 | ORS49A        | 20     | 10                         | 260 | 90.60           |
| 2021-05-07 16:00:00           | GMCGE | Bristow Helicopters Ltd | SIKORSKY S-92 Helibus | SAR912        | 20     | 02                         | VRB | 90.60           |
| 2021-05-18 11:04:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC46A        | 20     | 08                         | 270 | 90.60           |
| 2021-05-12 10:21:00           | GSNSE | CHC Scotia              | AGUSTA AB-139         | CHC47B        | 20     | 09                         | 210 | 90.20           |
| 2021-05-10 09:34:00           | GSNSI | CHC for Orsted          | AGUSTA AB-139         | ORS48A        | 20     | 14                         | 200 | 90.10           |
| 2021-05-02 15:50:00           | GBCRL | Edward Hawkins          | Piper Cherokee        | ED2           | 26     | 06                         | VRB | 90.00           |
| 2021-05-17 17:25:00           | GSNSI | CHC for Orsted          | AGUSTA AB-139         | ORS48B        | 20     | 03                         | VRB | 90.00           |
| 2021-05-20 16:17:00           | GSNSE | CHC Scotia              | AGUSTA AB-139         | CHC47A        | 20     | 14                         | 140 | 89.90           |
| 2021-05-12 10:29:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC46A        | 20     | 09                         | 210 | 89.50           |
| 2021-05-21 11:28:00           | GSNSE | CHC Scotia              | AGUSTA AB-139         | CHC46X        | 20     | 17                         | 200 | 89.20           |
| 2021-05-18 09:59:00           | GSNSI | CHC Scotia              | AGUSTA AB-139         | CHC46X        | 20     | 08                         | 290 | 89.10           |
| 2021-05-12 17:03:00           | GMCGH | Bristow Helicopters Ltd | SIKORSKY S-92 Helibus | SAR912        | 20     | 05                         | 150 | 89.00           |

## Noise Events: Departure

30 noisiest events

### Kirmington Monitor

May 2021

| Departure time      | Reg   | Operator                     | Aircraft Type         | Flight | Runway | Surface Wind |       | Lmax    |
|---------------------|-------|------------------------------|-----------------------|--------|--------|--------------|-------|---------|
| Date and time       |       |                              |                       | No.    |        | knot         | Angle | (dB(A)) |
| 2021-05-12 14:55:00 | GSNSI | CHC Scotia                   | AGUSTA AB-139         | CHC47E | 20     | 07           | 210   | 97.30   |
| 2021-05-12 15:12:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 07           | 210   | 96.20   |
| 2021-05-23 16:24:00 | GCGMC | Eastern Airways (UK) Ltd     | Embraer RJ135         | EZE963 | 20     | 17           | 170   | 92.90   |
| 2021-05-28 15:08:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 05           | VRB   | 91.30   |
| 2021-05-19 17:56:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 06           | 350   | 91.00   |
| 2021-05-18 10:01:00 | GBCRL | Edward Hawkins               | Piper Cherokee        | ED2    | 20     | 08           | 290   | 89.10   |
| 2021-05-25 09:22:00 | ZM336 | RAF Cranwell                 | Embraer EMB 500       | CWL50  | 20     | 10           | 290   | 88.70   |
| 2021-05-12 09:16:00 | DHOAG | Weston Aviation              | Eurocopter EC145      | WES2AG | 20     | 10           | 210   | 88.30   |
| 2021-05-07 11:20:00 | GTVHB | National Police Air Services | EUROCOPTER EC135      | UKP06  | 20     | 06           | 280   | 88.30   |
| 2021-05-12 14:55:00 | GSNSI | CHC Scotia                   | AGUSTA AB-139         | CHC47E | 20     | 07           | 210   | 97.30   |
| 2021-05-12 15:12:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 07           | 210   | 96.20   |
| 2021-05-23 16:24:00 | GCGMC | Eastern Airways (UK) Ltd     | Embraer RJ135         | EZE963 | 20     | 17           | 170   | 92.90   |
| 2021-05-28 15:08:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 05           | VRB   | 91.30   |
| 2021-05-19 17:56:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 06           | 350   | 91.00   |
| 2021-05-18 10:01:00 | GBCRL | Edward Hawkins               | Piper Cherokee        | ED2    | 20     | 08           | 290   | 89.10   |
| 2021-05-25 09:22:00 | ZM336 | RAF Cranwell                 | Embraer EMB 500       | CWL50  | 20     | 10           | 290   | 88.70   |
| 2021-05-07 11:20:00 | GTVHB | National Police Air Services | EUROCOPTER EC135      | UKP06  | 20     | 06           | 280   | 88.30   |
| 2021-05-12 09:16:00 | DHOAG | Weston Aviation              | Eurocopter EC145      | WES2AG | 20     | 10           | 210   | 88.30   |
| 2021-05-10 11:09:00 | GSELB | The POM Flying Club          | Piper Cherokee        | P02    | 20     | 16           | 190   | 86.70   |
| 2021-05-12 09:31:00 | GSNSE | CHC Scotia                   | AGUSTA AB-139         | CHC47B | 20     | 09           | 200   | 86.70   |
| 2021-05-27 17:40:00 | PHEUJ | CHC Scotia                   | AGUSTA AB-139         | CHC99A | 20     | 08           | 100   | 84.60   |
| 2021-05-07 09:17:00 | GTVHB | National Police Air Services | EUROCOPTER EC135      | UKP06  | 20     | 06           | 270   | 84.50   |
| 2021-05-09 15:02:00 | GBPOM | The POM Flying Club          | Piper Cherokee        | P02    | 20     | 17           | 210   | 84.50   |
| 2021-05-11 14:15:00 | N44NE | Default Cash Prefix          | CESSNA 414 CHANCELLOR | ZZZ    | 20     | 09           | 160   | 84.50   |
| 2021-05-19 17:51:00 | GMCGR | Bristow Helicopters Ltd      | SIKORSKY S-92 Helibus | SAR912 | 20     | 06           | 350   | 83.40   |
| 2021-05-13 09:18:00 | ZM335 | RAF Cranwell                 | Embraer EMB 500       | CWL47  | 20     | 07           | 070   | 83.00   |
| 2021-05-20 11:02:00 | DCFTG | Quick Air Services           | LEARJET 35            | QAS202 | 20     | 14           | 170   | 83.00   |
| 2021-05-17 16:02:00 | GSNSI | CHC for Orsted               | AGUSTA AB-139         | ORS48B | 2      | 04           | 030   | 82.90   |
| 2021-05-18 09:42:00 | ZM337 | RAF Cranwell                 | Embraer EMB 500       | CWL50  | 20     | 07           | 240   | 82.70   |
| 2021-05-14 13:50:00 | GMAJA | Eastern Airways (UK) Ltd     | Jetstream 41          | EZE704 | 2      | 04           | 340   | 82.20   |

## Noise Climate (PPG24)

30 noisiest events

### Kirmington Monitor

May 2021

| Date       | Leq(db(A)) |       | Events Over 82dB(A)Lmax |       | NEC |       | Night Hours with more than two Lmax over 82 dB(A) |
|------------|------------|-------|-------------------------|-------|-----|-------|---|
|            | Day        | Night | Day                     | Night | Day | Night |   |
| Sat 01 May | 55.49      | 45.78 | 4                       | 0     | A   | A     | 0   |
| Sun 02 May | 56.14      | 43.67 | 5                       | 0     | A   | A     | 0   |
| Mon 03 May | 64.86      | 45.41 | 3                       | 0     | B   | A     | 0   |
| Tue 04 May | 59.13      | 54.74 | 2                       | 0     | B   | B     | 0   |
| Wed 05 May | 55.82      | 50.77 | 7                       | 0     | A   | B     | 0   |
| Thu 06 May | 53.92      | 51.14 | 4                       | 0     | A   | B     | 0   |
| Fri 07 May | 58.3       | 52.23 | 12                      | 0     | B   | B     | 0   |
| Sat 08 May | 57.53      | 51.57 | 1                       | 0     | B   | B     | 0   |
| Sun 09 May | 58.98      | 55.14 | 6                       | 0     | B   | B     | 0   |
| Mon 10 May | 62.98      | 46.93 | 9                       | 0     | B   | A     | 0   |
| Tue 11 May | 59.03      | 47.56 | 18                      | 0     | B   | A     | 0   |
| Wed 12 May | 64.36      | 48.48 | 24                      | 1     | B   | B     | 0   |
| Thu 13 May | 56.81      | 47.24 | 10                      | 0     | A   | A     | 0   |
| Fri 14 May | 55.56      | 46.53 | 6                       | 0     | A   | A     | 0   |
| Sat 15 May | 57.5       | 40.26 | 4                       | 0     | B   | A     | 0   |
| Sun 16 May | 50.73      | 39.65 | 1                       | 0     | A   | A     | 0   |
| Mon 17 May | 59.42      | 45.57 | 9                       | 0     | B   | A     | 0   |
| Tue 18 May | 57.53      | 51.42 | 11                      | 0     | B   | B     | 0   |
| Wed 19 May | 61.89      | 51.81 | 16                      | 0     | B   | B     | 0   |
| Thu 20 May | 60.75      | 55.61 | 16                      | 0     | B   | B     | 0   |
| Fri 21 May | 60.24      | 61.43 | 6                       | 2     | B   | C     | 1   |
| Sat 22 May | 55.93      | 48.36 | 3                       | 0     | A   | B     | 0   |
| Sun 23 May | 59.53      | 52.88 | 6                       | 0     | B   | B     | 0   |
| Mon 24 May | 57.54      | 48.71 | 12                      | 0     | B   | B     | 0   |
| Tue 25 May | 59.13      | 50.26 | 12                      | 0     | B   | B     | 0   |
| Wed 26 May | 60.06      | 49.91 | 10                      | 0     | B   | B     | 0   |
| Thu 27 May | 57.06      | 49.07 | 5                       | 0     | B   | B     | 0   |
| Fri 28 May | 56.88      | 43.94 | 7                       | 0     | A   | A     | 0   |
| Sat 29 May | 46.91      | 45.01 | 0                       | 0     | A   | A     | 0   |
| Sun 30 May | 47.87      | 39.25 | 1                       | 0     | A   | A     | 0   |
| Mon 31 May | 54.14      | 38.93 | 4                       | 0     | A   | A     | 0   |