

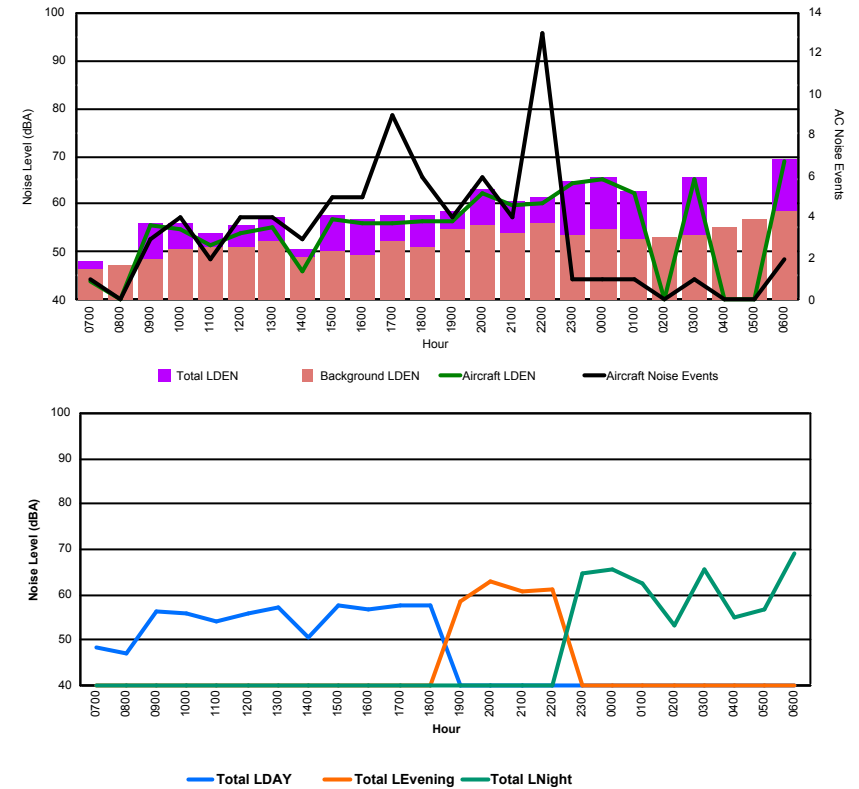


Luxembourg Airport Noise Distribution by Hour

Between 19/11/2017 00:00:00 and 19/11/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 19/11/17 7:00 | 1 | 48.3 | 43.9 | 46.5 | 48.3 | - | - |
| 19/11/17 8:00 | - | 47.1 | - | 47.2 | 47.1 | - | - |
| 19/11/17 9:00 | 3 | 56.2 | 55.5 | 48.5 | 56.2 | - | - |
| 19/11/17 10:00 | 4 | 56.0 | 54.6 | 50.7 | 56.0 | - | - |
| 19/11/17 11:00 | 2 | 54.1 | 51.3 | 51.1 | 54.1 | - | - |
| 19/11/17 12:00 | 4 | 55.8 | 54.1 | 51.1 | 55.8 | - | - |
| 19/11/17 13:00 | 4 | 57.1 | 55.4 | 52.1 | 57.1 | - | - |
| 19/11/17 14:00 | 3 | 50.7 | 46.0 | 49.0 | 50.7 | - | - |
| 19/11/17 15:00 | 5 | 57.5 | 56.7 | 50.0 | 57.5 | - | - |
| 19/11/17 16:00 | 5 | 56.8 | 55.9 | 49.5 | 56.8 | - | - |
| 19/11/17 17:00 | 9 | 57.5 | 56.1 | 52.1 | 57.5 | - | - |
| 19/11/17 18:00 | 6 | 57.7 | 56.6 | 51.1 | 57.7 | - | - |
| 19/11/17 19:00 | 4 | 58.5 | 56.3 | 54.6 | - | 58.5 | - |
| 19/11/17 20:00 | 6 | 63.0 | 62.1 | 55.8 | - | 63.0 | - |
| 19/11/17 21:00 | 4 | 60.8 | 59.9 | 53.8 | - | 60.8 | - |
| 19/11/17 22:00 | 13 | 61.3 | 60.0 | 56.1 | - | 61.3 | - |
| 19/11/17 23:00 | 1 | 64.7 | 64.3 | 53.6 | - | - | 64.7 |
| 20/11/17 0:00 | 1 | 65.5 | 65.0 | 54.7 | - | - | 65.5 |
| 20/11/17 1:00 | 1 | 62.6 | 62.1 | 52.5 | - | - | 62.6 |
| 20/11/17 2:00 | - | 53.1 | - | 53.1 | - | - | 53.1 |
| 20/11/17 3:00 | 1 | 65.5 | 65.2 | 53.7 | - | - | 65.5 |
| 20/11/17 4:00 | - | 54.9 | - | 55.0 | - | - | 54.9 |
| 20/11/17 5:00 | - | 56.9 | - | 57.0 | - | - | 56.9 |
| 20/11/17 6:00 | 2 | 69.2 | 68.8 | 58.6 | - | - | 69.2 |
| | 79 | 61.1 | 60.3 | 53.4 | 55.6 | 61.2 | 64.2 |

Location: Roodt/Syr NMT # 1



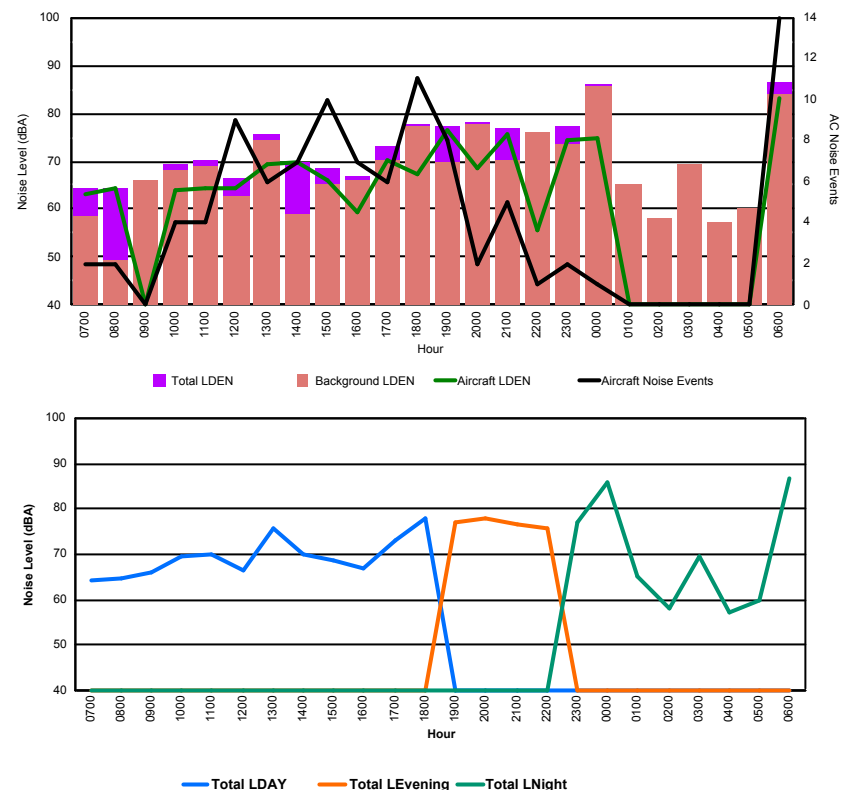


Luxembourg Airport Noise Distribution by Hour

Between 19/11/2017 00:00:00 and 19/11/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 19/11/17 7:00 | 2 | 64.4 | 63.2 | 58.5 | 64.4 | - | - |
| 19/11/17 8:00 | 2 | 64.5 | 64.3 | 49.4 | 64.5 | - | - |
| 19/11/17 9:00 | - | 65.9 | - | 65.9 | 65.9 | - | - |
| 19/11/17 10:00 | 4 | 69.5 | 63.8 | 68.3 | 69.5 | - | - |
| 19/11/17 11:00 | 4 | 70.1 | 64.3 | 68.9 | 70.1 | - | - |
| 19/11/17 12:00 | 9 | 66.6 | 64.4 | 62.7 | 66.6 | - | - |
| 19/11/17 13:00 | 6 | 75.6 | 69.4 | 74.4 | 75.6 | - | - |
| 19/11/17 14:00 | 7 | 70.0 | 69.7 | 59.0 | 70.0 | - | - |
| 19/11/17 15:00 | 10 | 68.6 | 66.0 | 65.2 | 68.6 | - | - |
| 19/11/17 16:00 | 7 | 67.0 | 59.4 | 66.2 | 67.0 | - | - |
| 19/11/17 17:00 | 6 | 73.3 | 70.4 | 70.3 | 73.3 | - | - |
| 19/11/17 18:00 | 11 | 77.8 | 67.5 | 77.5 | 77.8 | - | - |
| 19/11/17 19:00 | 8 | 77.2 | 76.3 | 69.9 | - | 77.2 | - |
| 19/11/17 20:00 | 2 | 78.1 | 68.7 | 77.6 | - | 78.1 | - |
| 19/11/17 21:00 | 5 | 76.7 | 75.7 | 70.1 | - | 76.7 | - |
| 19/11/17 22:00 | 1 | 75.8 | 55.5 | 75.9 | - | 75.8 | - |
| 19/11/17 23:00 | 2 | 77.1 | 74.5 | 73.6 | - | - | 77.1 |
| 20/11/17 0:00 | 1 | 86.1 | 74.7 | 85.8 | - | - | 86.1 |
| 20/11/17 1:00 | - | 65.0 | - | 65.0 | - | - | 65.0 |
| 20/11/17 2:00 | - | 58.2 | - | 58.3 | - | - | 58.2 |
| 20/11/17 3:00 | - | 69.5 | - | 69.5 | - | - | 69.5 |
| 20/11/17 4:00 | - | 57.2 | - | 57.2 | - | - | 57.2 |
| 20/11/17 5:00 | - | 60.0 | - | 60.0 | - | - | 60.0 |
| 20/11/17 6:00 | 14 | 86.6 | 83.0 | 84.1 | - | - | 86.6 |
| | 101 | 77.4 | 72.2 | 75.8 | 71.6 | 77.0 | 80.7 |

Location: Mid Runway NMT # 3





Luxembourg Airport Noise Distribution by Hour

Between 19/11/2017 00:00:00 and 19/11/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 19/11/17 7:00 | 2 | 58.9 | 57.4 | 53.8 | 58.9 | - | - |
| 19/11/17 8:00 | 2 | 63.1 | 62.5 | 54.2 | 63.1 | - | - |
| 19/11/17 9:00 | - | 55.5 | - | 55.5 | 55.5 | - | - |
| 19/11/17 10:00 | 3 | 59.7 | 57.4 | 56.0 | 59.7 | - | - |
| 19/11/17 11:00 | 4 | 58.0 | 53.4 | 56.3 | 58.0 | - | - |
| 19/11/17 12:00 | 4 | 58.7 | 54.6 | 56.6 | 58.7 | - | - |
| 19/11/17 13:00 | 7 | 71.0 | 70.8 | 56.7 | 71.0 | - | - |
| 19/11/17 14:00 | 5 | 65.6 | 64.8 | 58.0 | 65.6 | - | - |
| 19/11/17 15:00 | 5 | 61.0 | 57.8 | 58.3 | 61.0 | - | - |
| 19/11/17 16:00 | 5 | 60.1 | 56.6 | 57.7 | 60.1 | - | - |
| 19/11/17 17:00 | 6 | 69.5 | 69.2 | 58.5 | 69.5 | - | - |
| 19/11/17 18:00 | 11 | 68.0 | 67.6 | 58.3 | 68.0 | - | - |
| 19/11/17 19:00 | 7 | 75.0 | 74.8 | 62.1 | - | 75.0 | - |
| 19/11/17 20:00 | 3 | 65.4 | 63.1 | 61.8 | - | 65.4 | - |
| 19/11/17 21:00 | 6 | 73.4 | 73.2 | 61.9 | - | 73.4 | - |
| 19/11/17 22:00 | 2 | 66.6 | 65.1 | 61.1 | - | 66.6 | - |
| 19/11/17 23:00 | 2 | 74.8 | 74.4 | 64.8 | - | - | 74.8 |
| 20/11/17 0:00 | 1 | 75.4 | 75.2 | 62.8 | - | - | 75.4 |
| 20/11/17 1:00 | - | 61.7 | - | 62.1 | - | - | 61.7 |
| 20/11/17 2:00 | - | 62.4 | - | 62.9 | - | - | 62.4 |
| 20/11/17 3:00 | - | 63.2 | - | 63.3 | - | - | 63.2 |
| 20/11/17 4:00 | - | 65.2 | - | 65.5 | - | - | 65.2 |
| 20/11/17 5:00 | - | 67.7 | - | 68.7 | - | - | 67.7 |
| 20/11/17 6:00 | 15 | 82.2 | 82.0 | 71.3 | - | - | 82.2 |
| | 90 | 71.6 | 71.1 | 62.9 | 65.1 | 71.9 | 74.9 |

