

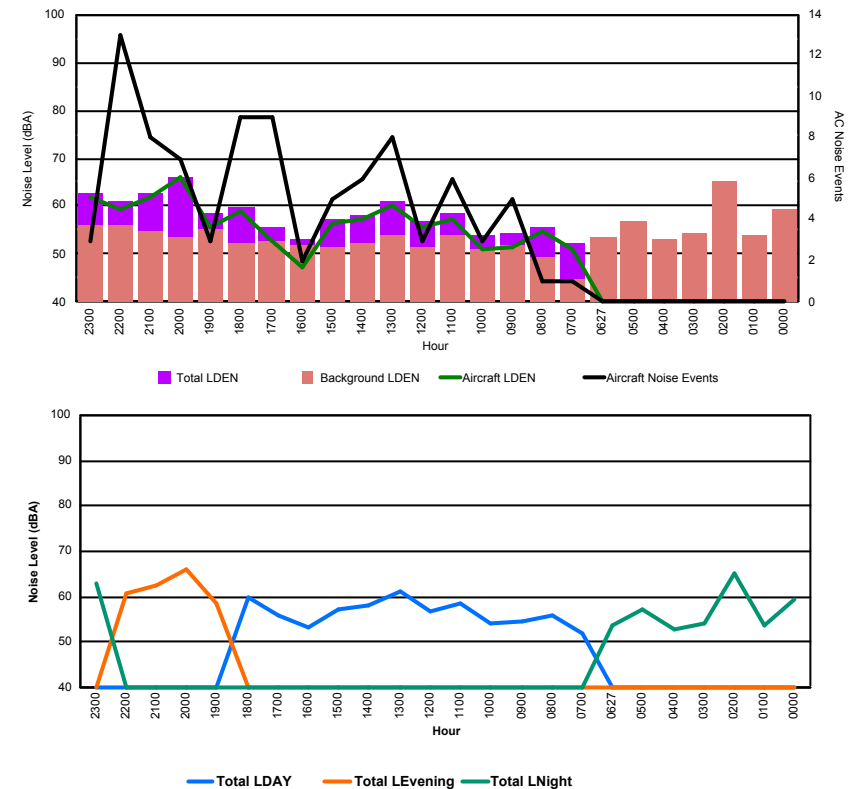


Luxembourg Airport Noise Distribution by Hour

Between 23/07/2017 00:00:00 and 23/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 23/07/17 0:00 | - | 59.4 | - | 59.4 | - | - | 59.4 |
| 23/07/17 1:00 | - | 53.8 | - | 53.8 | - | - | 53.8 |
| 23/07/17 2:00 | - | 65.3 | - | 65.3 | - | - | 65.3 |
| 23/07/17 3:00 | - | 54.2 | - | 54.2 | - | - | 54.2 |
| 23/07/17 4:00 | - | 53.0 | - | 53.0 | - | - | 53.0 |
| 23/07/17 5:00 | - | 57.0 | - | 57.0 | - | - | 57.0 |
| 23/07/17 6:27 | - | 53.7 | - | 53.7 | - | - | 53.7 |
| 23/07/17 7:00 | 1 | 52.1 | 51.1 | 44.6 | 52.1 | - | - |
| 23/07/17 8:00 | 1 | 55.8 | 54.7 | 49.3 | 55.8 | - | - |
| 23/07/17 9:00 | 5 | 54.5 | 51.3 | 51.8 | 54.5 | - | - |
| 23/07/17 10:00 | 3 | 54.0 | 50.9 | 51.2 | 54.0 | - | - |
| 23/07/17 11:00 | 6 | 58.7 | 57.1 | 53.8 | 58.7 | - | - |
| 23/07/17 12:00 | 3 | 56.9 | 55.5 | 51.4 | 56.9 | - | - |
| 23/07/17 13:00 | 8 | 61.1 | 60.2 | 53.8 | 61.1 | - | - |
| 23/07/17 14:00 | 6 | 58.3 | 57.1 | 52.3 | 58.3 | - | - |
| 23/07/17 15:00 | 5 | 57.4 | 56.3 | 51.4 | 57.4 | - | - |
| 23/07/17 16:00 | 2 | 53.2 | 47.2 | 52.0 | 53.2 | - | - |
| 23/07/17 17:00 | 9 | 55.7 | 52.7 | 52.9 | 55.7 | - | - |
| 23/07/17 18:00 | 9 | 59.7 | 58.8 | 52.4 | 59.7 | - | - |
| 23/07/17 19:00 | 3 | 58.5 | 55.6 | 55.4 | - | 58.5 | - |
| 23/07/17 20:00 | 7 | 66.1 | 65.9 | 53.5 | - | 66.1 | - |
| 23/07/17 21:00 | 8 | 62.7 | 62.0 | 54.7 | - | 62.7 | - |
| 23/07/17 22:00 | 13 | 60.9 | 59.4 | 55.9 | - | 60.9 | - |
| 23/07/17 23:00 | 3 | 62.9 | 62.0 | 56.0 | - | - | 62.9 |
| | 92 | 59.6 | 58.8 | 55.8 | 57.2 | 62.9 | 59.8 |

Location: Roodt/Syr NMT # 1



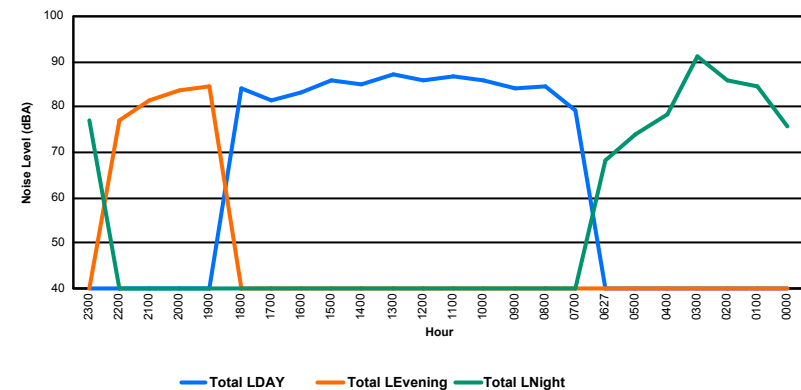
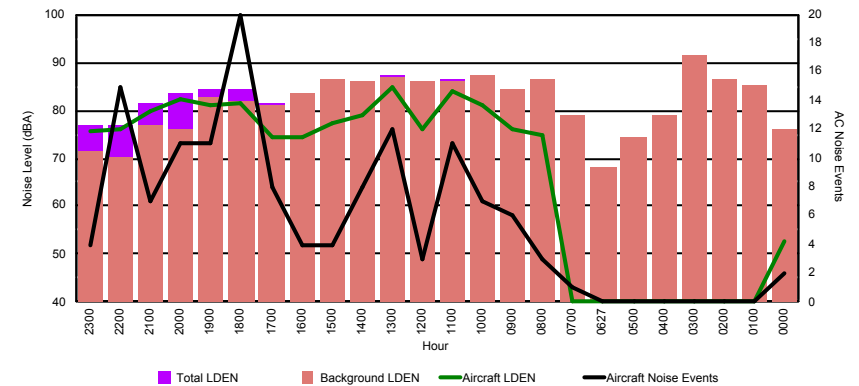


Luxembourg Airport Noise Distribution by Hour

Between 23/07/2017 00:00:00 and 23/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 23/07/17 0:00 | 2 | 75.7 | 52.6 | 76.0 | - | - | 75.7 |
| 23/07/17 1:00 | - | 84.6 | - | 85.2 | - | - | 84.6 |
| 23/07/17 2:00 | - | 86.0 | - | 86.3 | - | - | 86.0 |
| 23/07/17 3:00 | - | 91.2 | - | 91.6 | - | - | 91.2 |
| 23/07/17 4:00 | - | 78.5 | - | 79.0 | - | - | 78.5 |
| 23/07/17 5:00 | - | 73.8 | - | 74.3 | - | - | 73.8 |
| 23/07/17 6:27 | - | 68.2 | - | 68.2 | - | - | 68.2 |
| 23/07/17 7:00 | 1 | 79.1 | 38.5 | 79.1 | 79.1 | - | - |
| 23/07/17 8:00 | 3 | 84.7 | 75.0 | 86.4 | 84.7 | - | - |
| 23/07/17 9:00 | 6 | 84.3 | 76.2 | 84.4 | 84.3 | - | - |
| 23/07/17 10:00 | 7 | 85.7 | 80.9 | 87.2 | 85.7 | - | - |
| 23/07/17 11:00 | 11 | 86.6 | 84.0 | 86.2 | 86.6 | - | - |
| 23/07/17 12:00 | 3 | 85.7 | 76.0 | 86.1 | 85.7 | - | - |
| 23/07/17 13:00 | 12 | 87.3 | 84.8 | 86.7 | 87.3 | - | - |
| 23/07/17 14:00 | 8 | 85.1 | 79.1 | 86.2 | 85.1 | - | - |
| 23/07/17 15:00 | 4 | 86.0 | 77.4 | 86.3 | 86.0 | - | - |
| 23/07/17 16:00 | 4 | 83.4 | 74.5 | 83.5 | 83.4 | - | - |
| 23/07/17 17:00 | 8 | 81.4 | 74.3 | 80.9 | 81.4 | - | - |
| 23/07/17 18:00 | 20 | 84.3 | 81.4 | 82.0 | 84.3 | - | - |
| 23/07/17 19:00 | 11 | 84.5 | 80.9 | 82.9 | - | 84.5 | - |
| 23/07/17 20:00 | 11 | 83.5 | 82.5 | 76.2 | - | 83.5 | - |
| 23/07/17 21:00 | 7 | 81.4 | 79.9 | 76.7 | - | 81.4 | - |
| 23/07/17 22:00 | 15 | 76.9 | 75.9 | 70.2 | - | 76.9 | - |
| 23/07/17 23:00 | 4 | 77.0 | 75.6 | 71.6 | - | - | 77.0 |
| | 137 | 84.4 | 79.5 | 84.4 | 84.9 | 82.4 | 84.4 |

Location: DVOR NMT # 2



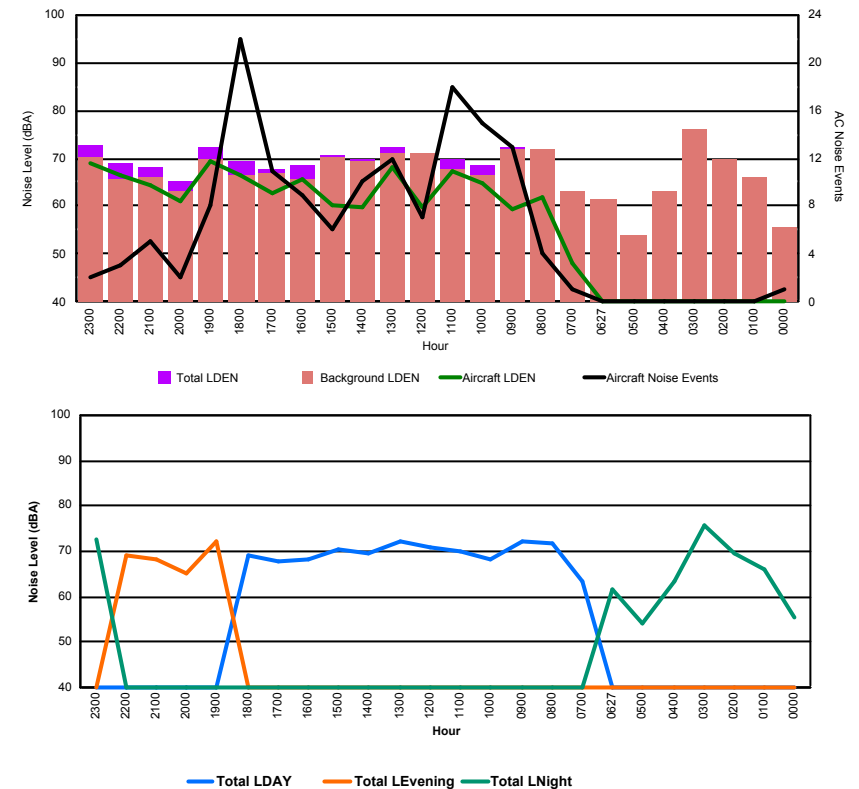


Luxembourg Airport Noise Distribution by Hour

Between 23/07/2017 00:00:00 and 23/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 23/07/17 0:00 | 1 | 55.6 | 37.3 | 55.6 | - | - | 55.6 |
| 23/07/17 1:00 | - | 66.0 | - | 66.1 | - | - | 66.0 |
| 23/07/17 2:00 | - | 69.4 | - | 69.6 | - | - | 69.4 |
| 23/07/17 3:00 | - | 75.7 | - | 76.0 | - | - | 75.7 |
| 23/07/17 4:00 | - | 63.3 | - | 63.3 | - | - | 63.3 |
| 23/07/17 5:00 | - | 53.9 | - | 53.9 | - | - | 53.9 |
| 23/07/17 6:27 | - | 61.5 | - | 61.5 | - | - | 61.5 |
| 23/07/17 7:00 | 1 | 63.2 | 48.1 | 63.2 | 63.2 | - | - |
| 23/07/17 8:00 | 4 | 71.7 | 61.7 | 71.7 | 71.7 | - | - |
| 23/07/17 9:00 | 13 | 72.1 | 59.5 | 71.9 | 72.1 | - | - |
| 23/07/17 10:00 | 15 | 68.4 | 64.7 | 66.5 | 68.4 | - | - |
| 23/07/17 11:00 | 18 | 69.9 | 67.1 | 67.6 | 69.9 | - | - |
| 23/07/17 12:00 | 7 | 71.0 | 59.6 | 70.9 | 71.0 | - | - |
| 23/07/17 13:00 | 12 | 72.4 | 68.0 | 71.0 | 72.4 | - | - |
| 23/07/17 14:00 | 10 | 69.7 | 59.9 | 69.5 | 69.7 | - | - |
| 23/07/17 15:00 | 6 | 70.5 | 60.3 | 70.4 | 70.5 | - | - |
| 23/07/17 16:00 | 9 | 68.4 | 65.7 | 65.8 | 68.4 | - | - |
| 23/07/17 17:00 | 11 | 67.8 | 62.8 | 66.7 | 67.8 | - | - |
| 23/07/17 18:00 | 22 | 69.2 | 66.4 | 66.5 | 69.2 | - | - |
| 23/07/17 19:00 | 8 | 72.4 | 69.5 | 69.6 | - | 72.4 | - |
| 23/07/17 20:00 | 2 | 65.1 | 61.0 | 63.1 | - | 65.1 | - |
| 23/07/17 21:00 | 5 | 68.3 | 64.2 | 66.2 | - | 68.3 | - |
| 23/07/17 22:00 | 3 | 69.1 | 66.6 | 65.6 | - | 69.1 | - |
| 23/07/17 23:00 | 2 | 72.6 | 69.0 | 70.1 | - | - | 72.6 |
| | 149 | 69.8 | 64.9 | 68.9 | 70.1 | 69.5 | 69.6 |

Location: Mid Runway NMT # 3



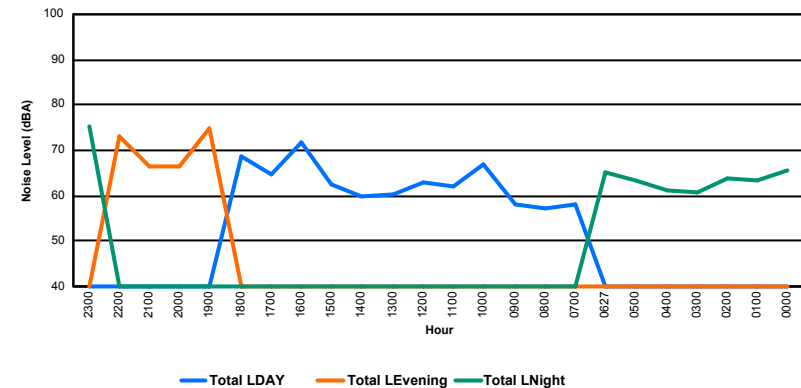
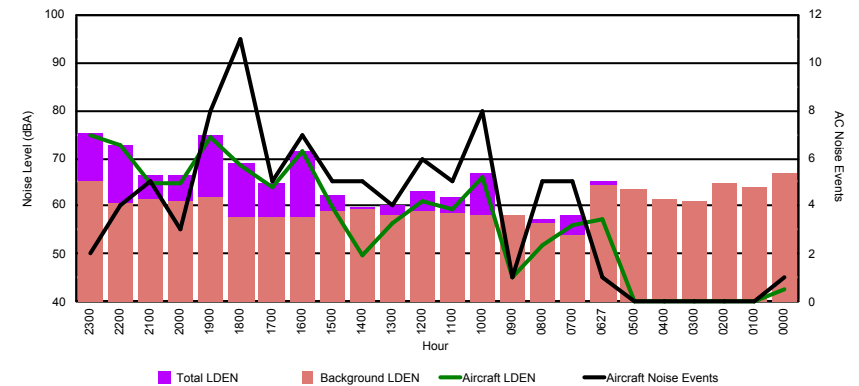


Luxembourg Airport Noise Distribution by Hour

Between 23/07/2017 00:00:00 and 23/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 23/07/17 0:00 | 1 | 65.5 | 42.5 | 66.9 | - | - | 65.5 |
| 23/07/17 1:00 | - | 63.3 | - | 64.0 | - | - | 63.3 |
| 23/07/17 2:00 | - | 63.9 | - | 64.8 | - | - | 63.9 |
| 23/07/17 3:00 | - | 60.9 | - | 60.9 | - | - | 60.9 |
| 23/07/17 4:00 | - | 61.4 | - | 61.4 | - | - | 61.4 |
| 23/07/17 5:00 | - | 63.4 | - | 63.4 | - | - | 63.4 |
| 23/07/17 6:27 | 1 | 65.1 | 57.3 | 64.3 | - | - | 65.1 |
| 23/07/17 7:00 | 5 | 58.0 | 55.9 | 54.1 | 58.0 | - | - |
| 23/07/17 8:00 | 5 | 57.4 | 51.8 | 56.6 | 57.4 | - | - |
| 23/07/17 9:00 | 1 | 58.2 | 45.3 | 58.0 | 58.2 | - | - |
| 23/07/17 10:00 | 8 | 66.7 | 66.0 | 58.2 | 66.7 | - | - |
| 23/07/17 11:00 | 5 | 62.0 | 59.5 | 58.6 | 62.0 | - | - |
| 23/07/17 12:00 | 6 | 63.1 | 61.1 | 59.0 | 63.1 | - | - |
| 23/07/17 13:00 | 4 | 60.3 | 56.4 | 58.1 | 60.3 | - | - |
| 23/07/17 14:00 | 5 | 59.7 | 49.6 | 59.3 | 59.7 | - | - |
| 23/07/17 15:00 | 5 | 62.3 | 59.8 | 58.9 | 62.3 | - | - |
| 23/07/17 16:00 | 7 | 71.6 | 71.4 | 57.7 | 71.6 | - | - |
| 23/07/17 17:00 | 5 | 64.9 | 64.0 | 57.8 | 64.9 | - | - |
| 23/07/17 18:00 | 11 | 68.8 | 68.5 | 57.8 | 68.8 | - | - |
| 23/07/17 19:00 | 8 | 74.7 | 74.4 | 61.9 | - | 74.7 | - |
| 23/07/17 20:00 | 3 | 66.3 | 64.9 | 60.9 | - | 66.3 | - |
| 23/07/17 21:00 | 5 | 66.4 | 64.8 | 61.6 | - | 66.4 | - |
| 23/07/17 22:00 | 4 | 72.9 | 72.6 | 60.8 | - | 72.9 | - |
| 23/07/17 23:00 | 2 | 75.1 | 74.6 | 65.0 | - | - | 75.1 |
| | 91 | 67.8 | 67.7 | 61.5 | 65.1 | 71.6 | 67.8 |

Location: NDB-Hamm NMT # 4





Luxembourg Airport Noise Distribution by Hour

Between 23/07/2017 00:00:00 and 23/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 23/07/17 0:00 | - | 66.3 | - | 67.9 | - | - | 66.3 |
| 23/07/17 1:00 | - | 67.3 | - | 68.1 | - | - | 67.3 |
| 23/07/17 2:00 | - | 64.3 | - | 65.3 | - | - | 64.3 |
| 23/07/17 3:00 | - | 63.5 | - | 63.5 | - | - | 63.5 |
| 23/07/17 4:00 | - | 63.1 | - | 63.1 | - | - | 63.1 |
| 23/07/17 5:00 | - | 73.1 | - | 73.5 | - | - | 73.1 |
| 23/07/17 6:27 | - | 70.4 | - | 70.4 | - | - | 70.4 |
| 23/07/17 7:00 | 1 | 58.7 | 46.2 | 59.5 | 58.7 | - | - |
| 23/07/17 8:00 | 3 | 59.1 | 46.0 | 59.9 | 59.1 | - | - |
| 23/07/17 9:00 | - | 58.8 | - | 58.8 | 58.8 | - | - |
| 23/07/17 10:00 | 4 | 61.7 | 57.2 | 60.0 | 61.7 | - | - |
| 23/07/17 11:00 | 3 | 60.6 | 53.4 | 59.8 | 60.6 | - | - |
| 23/07/17 12:00 | 3 | 60.6 | 55.0 | 59.3 | 60.6 | - | - |
| 23/07/17 13:00 | 1 | 59.9 | 47.0 | 59.7 | 59.9 | - | - |
| 23/07/17 14:00 | 2 | 60.3 | 45.6 | 60.2 | 60.3 | - | - |
| 23/07/17 15:00 | 3 | 61.6 | 53.2 | 61.1 | 61.6 | - | - |
| 23/07/17 16:00 | 5 | 63.5 | 61.1 | 60.1 | 63.5 | - | - |
| 23/07/17 17:00 | 4 | 60.8 | 56.2 | 59.1 | 60.8 | - | - |
| 23/07/17 18:00 | 5 | 62.4 | 58.7 | 60.2 | 62.4 | - | - |
| 23/07/17 19:00 | 5 | 68.4 | 65.0 | 66.0 | - | 68.4 | - |
| 23/07/17 20:00 | 1 | 63.9 | 54.1 | 63.3 | - | 63.9 | - |
| 23/07/17 21:00 | 4 | 65.3 | 59.1 | 64.4 | - | 65.3 | - |
| 23/07/17 22:00 | 4 | 67.1 | 63.5 | 65.0 | - | 67.1 | - |
| 23/07/17 23:00 | 2 | 70.2 | 66.1 | 68.2 | - | - | 70.2 |
| | 50 | 65.8 | 59.6 | 65.4 | 60.9 | 66.5 | 68.6 |

