

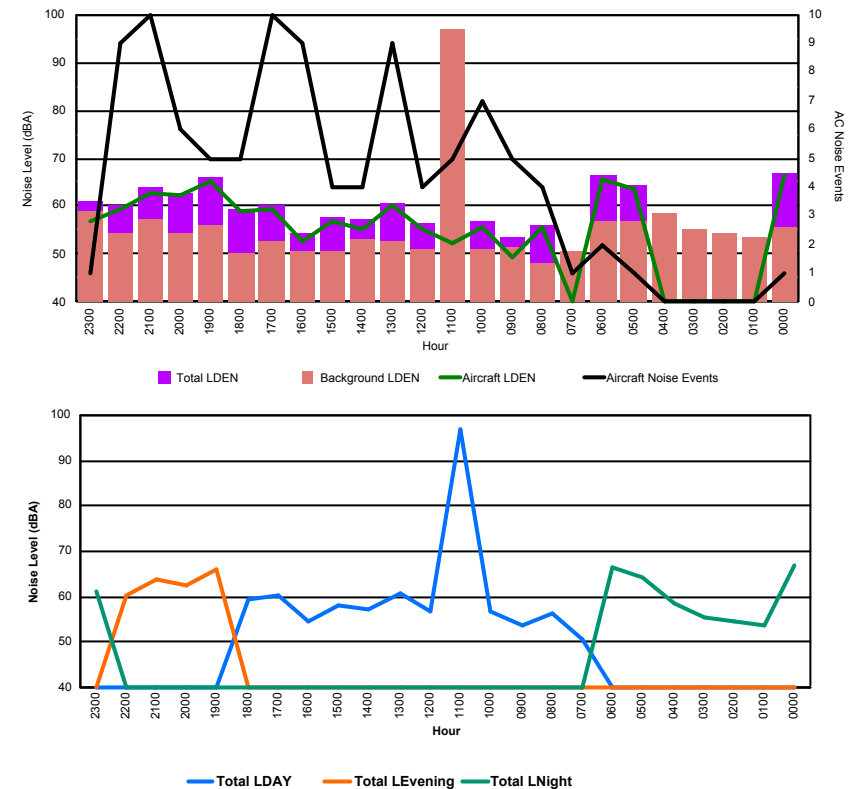


Luxembourg Airport Noise Distribution by Hour

Between 27/07/2017 00:00:00 and 27/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 27/07/17 0:00 | 1 | 66.7 | 66.3 | 55.5 | - | - | 66.7 |
| 27/07/17 1:00 | - | 53.7 | - | 53.7 | - | - | 53.7 |
| 27/07/17 2:00 | - | 54.4 | - | 54.4 | - | - | 54.4 |
| 27/07/17 3:00 | - | 55.3 | - | 55.4 | - | - | 55.3 |
| 27/07/17 4:00 | - | 58.5 | - | 58.5 | - | - | 58.5 |
| 27/07/17 5:00 | 1 | 64.3 | 63.6 | 57.0 | - | - | 64.3 |
| 27/07/17 6:00 | 2 | 66.3 | 65.8 | 57.0 | - | - | 66.3 |
| 27/07/17 7:00 | 1 | 50.7 | 37.0 | 50.6 | 50.7 | - | - |
| 27/07/17 8:00 | 4 | 56.2 | 55.5 | 48.1 | 56.2 | - | - |
| 27/07/17 9:00 | 5 | 53.6 | 49.5 | 51.6 | 53.6 | - | - |
| 27/07/17 10:00 | 7 | 56.9 | 55.7 | 50.9 | 56.9 | - | - |
| 27/07/17 11:00 | 5 | 96.8 | 52.3 | 96.8 | 96.8 | - | - |
| 27/07/17 12:00 | 4 | 56.6 | 55.3 | 51.0 | 56.6 | - | - |
| 27/07/17 13:00 | 9 | 60.8 | 60.2 | 52.8 | 60.8 | - | - |
| 27/07/17 14:00 | 4 | 57.3 | 55.2 | 53.2 | 57.3 | - | - |
| 27/07/17 15:00 | 4 | 57.9 | 56.9 | 50.8 | 57.9 | - | - |
| 27/07/17 16:00 | 9 | 54.5 | 52.5 | 50.5 | 54.5 | - | - |
| 27/07/17 17:00 | 10 | 60.2 | 59.4 | 52.6 | 60.2 | - | - |
| 27/07/17 18:00 | 5 | 59.4 | 58.9 | 50.1 | 59.4 | - | - |
| 27/07/17 19:00 | 5 | 65.9 | 65.4 | 56.0 | - | 65.9 | - |
| 27/07/17 20:00 | 6 | 62.7 | 62.1 | 54.4 | - | 62.7 | - |
| 27/07/17 21:00 | 10 | 63.9 | 62.9 | 57.4 | - | 63.9 | - |
| 27/07/17 22:00 | 9 | 60.3 | 59.2 | 54.2 | - | 60.3 | - |
| 27/07/17 23:00 | 1 | 61.0 | 56.8 | 59.0 | - | - | 61.0 |
| | 102 | 83.0 | 60.7 | 83.0 | 86.0 | 63.7 | 62.6 |

Location: Roodt/Syr NMT # 1



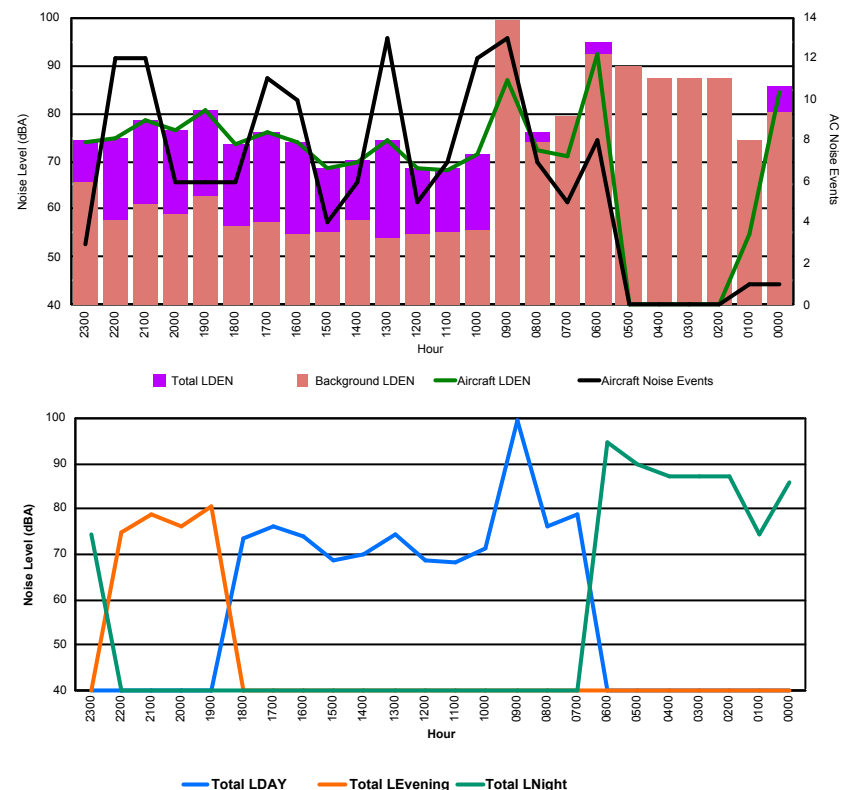


Luxembourg Airport Noise Distribution by Hour

Between 27/07/2017 00:00:00 and 27/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 27/07/17 0:00 | 1 | 85.8 | 84.4 | 80.3 | - | - | 85.8 |
| 27/07/17 1:00 | 1 | 74.2 | 54.6 | 74.3 | - | - | 74.2 |
| 27/07/17 2:00 | - | 87.1 | - | 87.3 | - | - | 87.1 |
| 27/07/17 3:00 | - | 87.2 | - | 87.3 | - | - | 87.2 |
| 27/07/17 4:00 | - | 87.0 | - | 87.2 | - | - | 87.0 |
| 27/07/17 5:00 | - | 89.8 | - | 89.8 | - | - | 89.8 |
| 27/07/17 6:00 | 8 | 94.7 | 92.4 | 92.5 | - | - | 94.7 |
| 27/07/17 7:00 | 5 | 78.9 | 70.9 | 79.2 | 78.9 | - | - |
| 27/07/17 8:00 | 7 | 76.1 | 72.2 | 74.1 | 76.1 | - | - |
| 27/07/17 9:00 | 13 | 99.4 | 86.7 | 99.2 | 99.4 | - | - |
| 27/07/17 10:00 | 12 | 71.5 | 71.3 | 55.7 | 71.5 | - | - |
| 27/07/17 11:00 | 7 | 68.4 | 68.2 | 55.2 | 68.4 | - | - |
| 27/07/17 12:00 | 5 | 68.7 | 68.5 | 54.7 | 68.7 | - | - |
| 27/07/17 13:00 | 13 | 74.3 | 74.3 | 54.1 | 74.3 | - | - |
| 27/07/17 14:00 | 6 | 70.1 | 69.8 | 57.7 | 70.1 | - | - |
| 27/07/17 15:00 | 4 | 68.6 | 68.4 | 55.3 | 68.6 | - | - |
| 27/07/17 16:00 | 10 | 73.8 | 73.8 | 54.7 | 73.8 | - | - |
| 27/07/17 17:00 | 11 | 76.2 | 76.2 | 57.2 | 76.2 | - | - |
| 27/07/17 18:00 | 6 | 73.7 | 73.6 | 56.3 | 73.7 | - | - |
| 27/07/17 19:00 | 6 | 80.6 | 80.6 | 62.7 | - | 80.6 | - |
| 27/07/17 20:00 | 6 | 76.4 | 76.3 | 58.9 | - | 76.4 | - |
| 27/07/17 21:00 | 12 | 78.7 | 78.7 | 61.0 | - | 78.7 | - |
| 27/07/17 22:00 | 12 | 74.9 | 74.9 | 57.6 | - | 74.9 | - |
| 27/07/17 23:00 | 3 | 74.4 | 73.8 | 65.7 | - | - | 74.4 |
| | 148 | 88.0 | 81.7 | 87.3 | 88.7 | 78.2 | 88.7 |

Location: DVOR NMT # 2

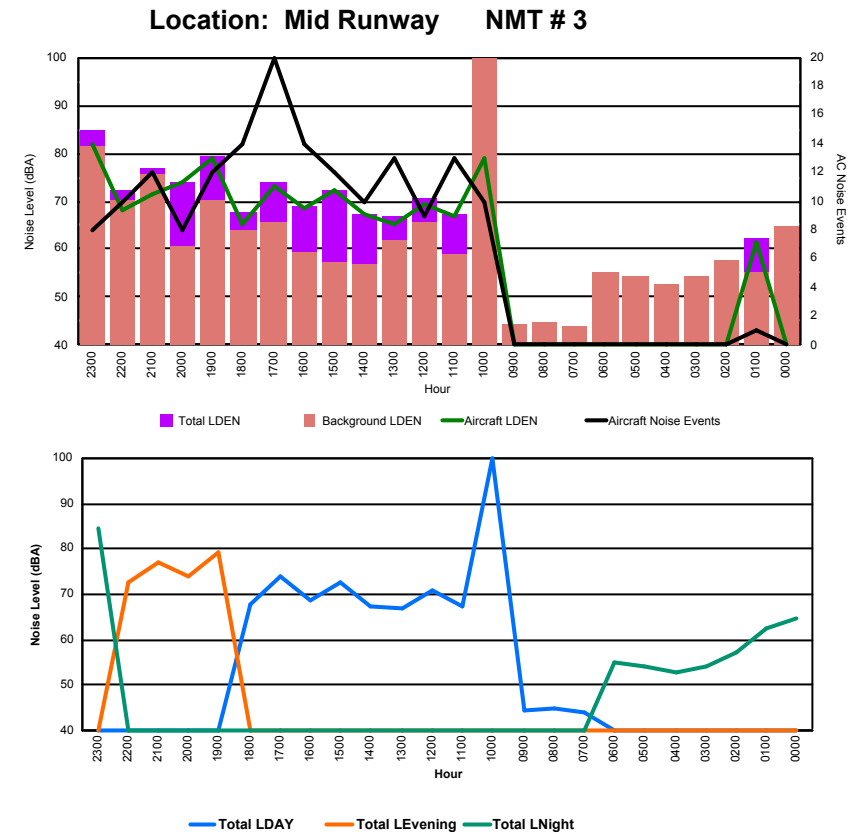




Luxembourg Airport Noise Distribution by Hour

Between 27/07/2017 00:00:00 and 27/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 27/07/17 0:00 | - | 64.8 | - | 64.9 | - | - | 64.8 |
| 27/07/17 1:00 | 1 | 62.4 | 61.5 | 55.1 | - | - | 62.4 |
| 27/07/17 2:00 | - | 57.4 | - | 57.5 | - | - | 57.4 |
| 27/07/17 3:00 | - | 54.2 | - | 54.2 | - | - | 54.2 |
| 27/07/17 4:00 | - | 52.7 | - | 52.7 | - | - | 52.7 |
| 27/07/17 5:00 | - | 54.2 | - | 54.2 | - | - | 54.2 |
| 27/07/17 6:00 | - | 55.1 | - | 55.1 | - | - | 55.1 |
| 27/07/17 7:00 | - | 44.1 | - | 44.1 | 44.1 | - | - |
| 27/07/17 8:00 | - | 44.8 | - | 44.8 | 44.8 | - | - |
| 27/07/17 9:00 | - | 44.5 | - | 44.5 | 44.5 | - | - |
| 27/07/17 10:00 | 10 | 100.7 | 79.0 | 100.6 | 100.7 | - | - |
| 27/07/17 11:00 | 13 | 67.5 | 66.9 | 59.0 | 67.5 | - | - |
| 27/07/17 12:00 | 9 | 70.7 | 69.2 | 65.5 | 70.7 | - | - |
| 27/07/17 13:00 | 13 | 66.8 | 65.3 | 61.7 | 66.8 | - | - |
| 27/07/17 14:00 | 10 | 67.5 | 67.1 | 56.9 | 67.5 | - | - |
| 27/07/17 15:00 | 12 | 72.5 | 72.4 | 57.4 | 72.5 | - | - |
| 27/07/17 16:00 | 14 | 68.9 | 68.4 | 59.5 | 68.9 | - | - |
| 27/07/17 17:00 | 20 | 73.8 | 73.1 | 65.8 | 73.8 | - | - |
| 27/07/17 18:00 | 14 | 67.7 | 65.4 | 63.9 | 67.7 | - | - |
| 27/07/17 19:00 | 12 | 79.4 | 78.9 | 70.1 | - | 79.4 | - |
| 27/07/17 20:00 | 8 | 74.0 | 73.8 | 60.6 | - | 74.0 | - |
| 27/07/17 21:00 | 12 | 77.0 | 71.4 | 75.6 | - | 77.0 | - |
| 27/07/17 22:00 | 10 | 72.5 | 68.3 | 70.4 | - | 72.5 | - |
| 27/07/17 23:00 | 8 | 84.6 | 81.7 | 81.4 | - | - | 84.6 |
| | 166 | 87.1 | 74.5 | 86.9 | 89.9 | 76.5 | 75.7 |



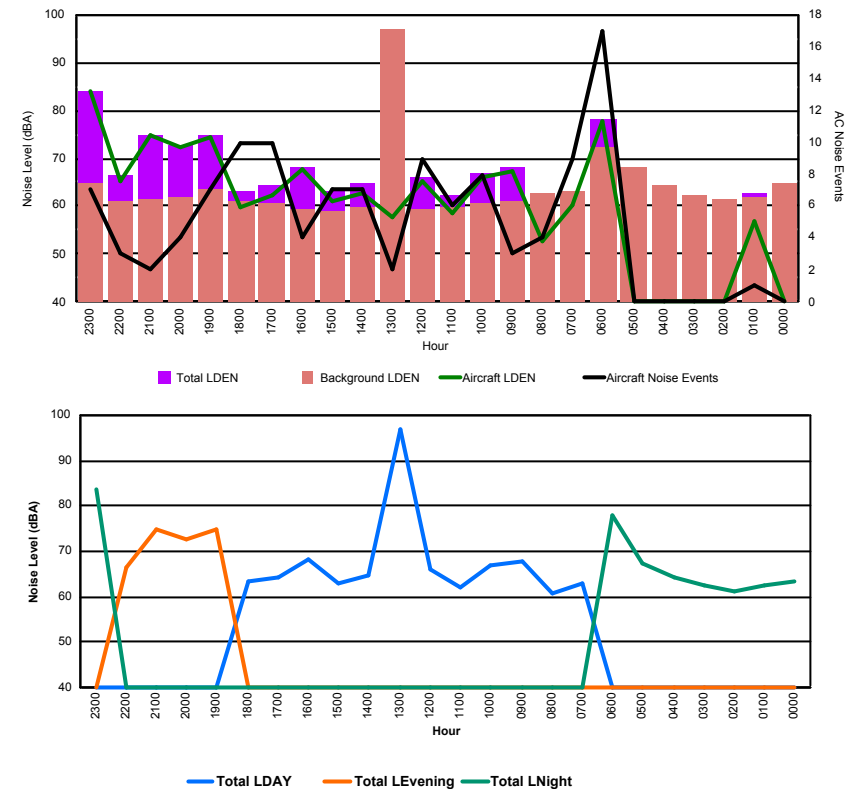


Luxembourg Airport Noise Distribution by Hour

Between 27/07/2017 00:00:00 and 27/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 27/07/17 0:00 | - | 63.6 | - | 64.6 | - | - | 63.6 |
| 27/07/17 1:00 | 1 | 62.7 | 56.7 | 61.9 | - | - | 62.7 |
| 27/07/17 2:00 | - | 61.1 | - | 61.4 | - | - | 61.1 |
| 27/07/17 3:00 | - | 62.4 | - | 62.4 | - | - | 62.4 |
| 27/07/17 4:00 | - | 64.2 | - | 64.2 | - | - | 64.2 |
| 27/07/17 5:00 | - | 67.4 | - | 68.3 | - | - | 67.4 |
| 27/07/17 6:00 | 17 | 78.1 | 77.7 | 72.4 | - | - | 78.1 |
| 27/07/17 7:00 | 9 | 63.0 | 60.4 | 63.3 | 63.0 | - | - |
| 27/07/17 8:00 | 4 | 60.7 | 52.7 | 62.6 | 60.7 | - | - |
| 27/07/17 9:00 | 3 | 68.0 | 67.1 | 60.9 | 68.0 | - | - |
| 27/07/17 10:00 | 8 | 67.0 | 66.0 | 60.7 | 67.0 | - | - |
| 27/07/17 11:00 | 6 | 62.2 | 58.6 | 59.9 | 62.2 | - | - |
| 27/07/17 12:00 | 9 | 66.1 | 65.1 | 59.4 | 66.1 | - | - |
| 27/07/17 13:00 | 2 | 96.8 | 57.5 | 96.8 | 96.8 | - | - |
| 27/07/17 14:00 | 7 | 64.6 | 62.9 | 59.7 | 64.6 | - | - |
| 27/07/17 15:00 | 7 | 63.1 | 61.0 | 59.1 | 63.1 | - | - |
| 27/07/17 16:00 | 4 | 68.3 | 67.8 | 59.5 | 68.3 | - | - |
| 27/07/17 17:00 | 10 | 64.4 | 62.2 | 60.6 | 64.4 | - | - |
| 27/07/17 18:00 | 10 | 63.3 | 59.6 | 61.1 | 63.3 | - | - |
| 27/07/17 19:00 | 7 | 74.7 | 74.4 | 63.6 | - | 74.7 | - |
| 27/07/17 20:00 | 4 | 72.7 | 72.4 | 61.9 | - | 72.7 | - |
| 27/07/17 21:00 | 2 | 75.0 | 74.8 | 61.5 | - | 75.0 | - |
| 27/07/17 22:00 | 3 | 66.6 | 65.2 | 61.2 | - | 66.6 | - |
| 27/07/17 23:00 | 7 | 83.8 | 83.8 | 64.9 | - | - | 83.8 |
| | 120 | 83.4 | 73.3 | 83.0 | 86.0 | 73.2 | 76.0 |

Location: NDB-Hamm NMT # 4





Luxembourg Airport Noise Distribution by Hour

Between 27/07/2017 00:00:00 and 27/07/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 27/07/17 0:00 | - | 63.8 | - | 64.5 | - | - | 63.8 |
| 27/07/17 1:00 | 1 | 61.7 | 47.0 | 61.8 | - | - | 61.7 |
| 27/07/17 2:00 | - | 60.0 | - | 60.1 | - | - | 60.0 |
| 27/07/17 3:00 | - | 60.5 | - | 60.5 | - | - | 60.5 |
| 27/07/17 4:00 | - | 64.8 | - | 64.9 | - | - | 64.8 |
| 27/07/17 5:00 | - | 69.5 | - | 70.3 | - | - | 69.5 |
| 27/07/17 6:00 | 11 | 73.5 | 70.9 | 72.8 | - | - | 73.5 |
| 27/07/17 7:00 | 4 | 61.7 | 54.9 | 63.4 | 61.7 | - | - |
| 27/07/17 8:00 | 1 | 62.0 | 48.8 | 64.5 | 62.0 | - | - |
| 27/07/17 9:00 | 2 | 63.0 | 57.0 | 62.0 | 63.0 | - | - |
| 27/07/17 10:00 | 5 | 62.2 | 55.4 | 61.5 | 62.2 | - | - |
| 27/07/17 11:00 | 3 | 61.6 | 52.0 | 61.2 | 61.6 | - | - |
| 27/07/17 12:00 | 6 | 61.9 | 56.6 | 60.7 | 61.9 | - | - |
| 27/07/17 13:00 | 1 | 62.3 | 46.9 | 62.2 | 62.3 | - | - |
| 27/07/17 14:00 | 6 | 82.0 | 56.7 | 80.6 | 82.0 | - | - |
| 27/07/17 15:00 | 6 | 95.7 | 53.5 | 95.7 | 95.7 | - | - |
| 27/07/17 16:00 | 4 | 63.0 | 57.8 | 61.7 | 63.0 | - | - |
| 27/07/17 17:00 | 6 | 64.3 | 56.7 | 64.5 | 64.3 | - | - |
| 27/07/17 18:00 | 8 | 62.5 | 54.3 | 62.2 | 62.5 | - | - |
| 27/07/17 19:00 | 4 | 68.2 | 64.7 | 65.9 | - | 68.2 | - |
| 27/07/17 20:00 | 2 | 66.7 | 62.9 | 64.4 | - | 66.7 | - |
| 27/07/17 21:00 | 2 | 67.3 | 64.9 | 63.8 | - | 67.3 | - |
| 27/07/17 22:00 | 3 | 66.2 | 58.4 | 65.6 | - | 66.2 | - |
| 27/07/17 23:00 | 7 | 75.2 | 74.4 | 67.4 | - | - | 75.2 |
| | 82 | 82.2 | 64.4 | 82.1 | 85.1 | 67.2 | 69.6 |

