

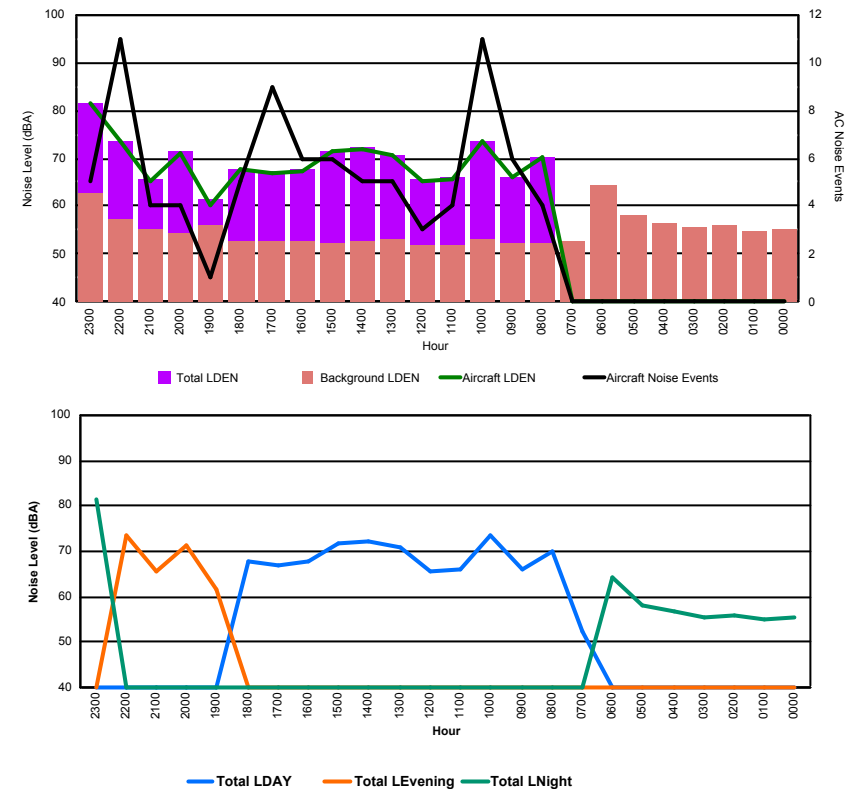


Luxembourg Airport Noise Distribution by Hour

Between 09/08/2017 00:00:00 and 09/08/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 09/08/17 0:00 | - | 55.4 | - | 55.4 | - | - | 55.4 |
| 09/08/17 1:00 | - | 54.9 | - | 54.9 | - | - | 54.9 |
| 09/08/17 2:00 | - | 56.1 | - | 56.1 | - | - | 56.1 |
| 09/08/17 3:00 | - | 55.5 | - | 55.5 | - | - | 55.5 |
| 09/08/17 4:00 | - | 56.6 | - | 56.6 | - | - | 56.6 |
| 09/08/17 5:00 | - | 58.0 | - | 58.0 | - | - | 58.0 |
| 09/08/17 6:00 | - | 64.1 | - | 64.3 | - | - | 64.1 |
| 09/08/17 7:00 | - | 52.5 | - | 52.6 | 52.5 | - | - |
| 09/08/17 8:00 | 4 | 70.1 | 70.1 | 52.2 | 70.1 | - | - |
| 09/08/17 9:00 | 6 | 66.1 | 65.9 | 52.1 | 66.1 | - | - |
| 09/08/17 10:00 | 11 | 73.6 | 73.5 | 53.2 | 73.6 | - | - |
| 09/08/17 11:00 | 4 | 65.9 | 65.8 | 51.9 | 65.9 | - | - |
| 09/08/17 12:00 | 3 | 65.5 | 65.3 | 51.8 | 65.5 | - | - |
| 09/08/17 13:00 | 5 | 70.7 | 70.7 | 53.3 | 70.7 | - | - |
| 09/08/17 14:00 | 5 | 72.1 | 72.0 | 52.7 | 72.1 | - | - |
| 09/08/17 15:00 | 6 | 71.6 | 71.5 | 52.4 | 71.6 | - | - |
| 09/08/17 16:00 | 6 | 67.6 | 67.5 | 52.9 | 67.6 | - | - |
| 09/08/17 17:00 | 9 | 67.1 | 66.9 | 52.9 | 67.1 | - | - |
| 09/08/17 18:00 | 5 | 67.7 | 67.6 | 52.8 | 67.7 | - | - |
| 09/08/17 19:00 | 1 | 61.5 | 60.1 | 55.9 | - | 61.5 | - |
| 09/08/17 20:00 | 4 | 71.3 | 71.2 | 54.5 | - | 71.3 | - |
| 09/08/17 21:00 | 4 | 65.8 | 65.4 | 55.0 | - | 65.8 | - |
| 09/08/17 22:00 | 11 | 73.6 | 73.5 | 57.1 | - | 73.6 | - |
| 09/08/17 23:00 | 5 | 81.3 | 81.3 | 62.7 | - | - | 81.3 |
| | 89 | 70.8 | 72.4 | 56.5 | 69.4 | 70.2 | 72.4 |

Location: DVOR NMT # 2

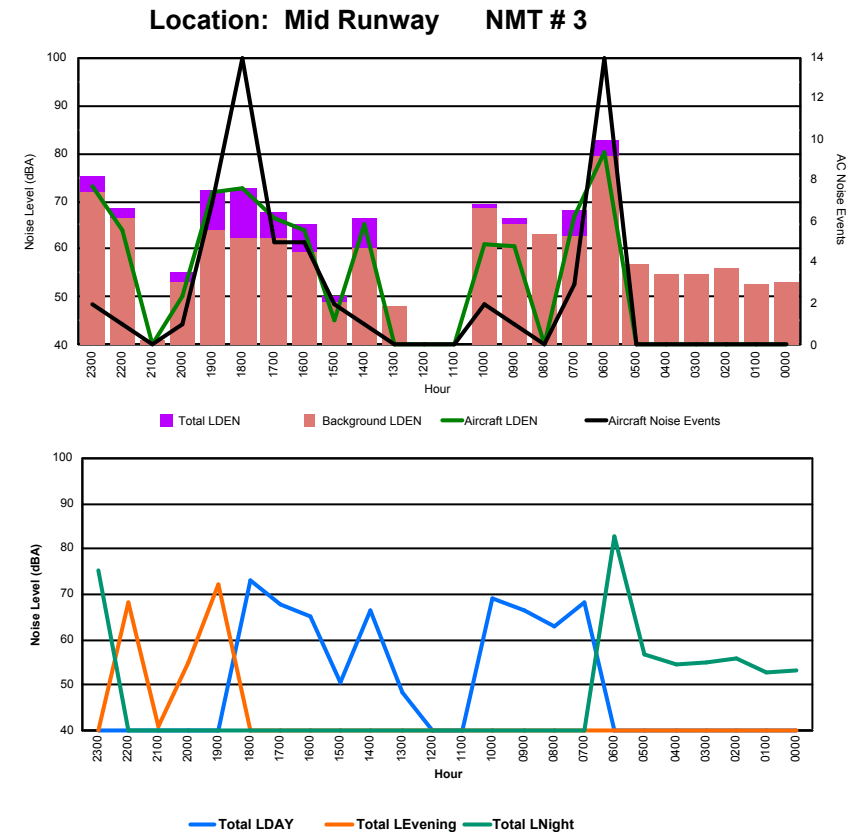




Luxembourg Airport Noise Distribution by Hour

Between 09/08/2017 00:00:00 and 09/08/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 09/08/17 0:00 | - | 53.1 | - | 53.1 | - | - | 53.1 |
| 09/08/17 1:00 | - | 52.7 | - | 52.7 | - | - | 52.7 |
| 09/08/17 2:00 | - | 56.1 | - | 56.1 | - | - | 56.1 |
| 09/08/17 3:00 | - | 54.8 | - | 54.8 | - | - | 54.8 |
| 09/08/17 4:00 | - | 54.6 | - | 54.6 | - | - | 54.6 |
| 09/08/17 5:00 | - | 56.7 | - | 56.8 | - | - | 56.7 |
| 09/08/17 6:00 | 14 | 82.8 | 80.2 | 79.5 | - | - | 82.8 |
| 09/08/17 7:00 | 3 | 68.2 | 66.7 | 62.8 | 68.2 | - | - |
| 09/08/17 8:00 | - | 63.1 | - | 63.1 | 63.1 | - | - |
| 09/08/17 9:00 | 1 | 66.6 | 60.6 | 65.4 | 66.6 | - | - |
| 09/08/17 10:00 | 2 | 69.2 | 61.0 | 68.5 | 69.2 | - | - |
| 09/08/17 11:00 | - | 33.7 | - | 33.7 | 33.7 | - | - |
| 09/08/17 12:00 | - | 30.6 | - | 30.6 | 30.6 | - | - |
| 09/08/17 13:00 | - | 48.3 | - | 48.3 | 48.3 | - | - |
| 09/08/17 14:00 | 1 | 66.5 | 65.3 | 60.1 | 66.5 | - | - |
| 09/08/17 15:00 | 2 | 50.4 | 45.3 | 48.9 | 50.4 | - | - |
| 09/08/17 16:00 | 5 | 65.2 | 63.8 | 59.5 | 65.2 | - | - |
| 09/08/17 17:00 | 5 | 67.8 | 66.3 | 62.5 | 67.8 | - | - |
| 09/08/17 18:00 | 14 | 72.9 | 72.6 | 62.1 | 72.9 | - | - |
| 09/08/17 19:00 | 7 | 72.3 | 71.7 | 64.0 | - | 72.3 | - |
| 09/08/17 20:00 | 1 | 55.0 | 50.4 | 53.1 | - | 55.0 | - |
| 09/08/17 21:00 | - | 41.0 | - | 41.0 | - | 41.0 | - |
| 09/08/17 22:00 | 1 | 68.4 | 63.9 | 66.5 | - | 68.4 | - |
| 09/08/17 23:00 | 2 | 75.4 | 73.0 | 71.7 | - | - | 75.4 |
| | 58 | 71.1 | 71.3 | 67.4 | 66.6 | 67.8 | 74.5 |



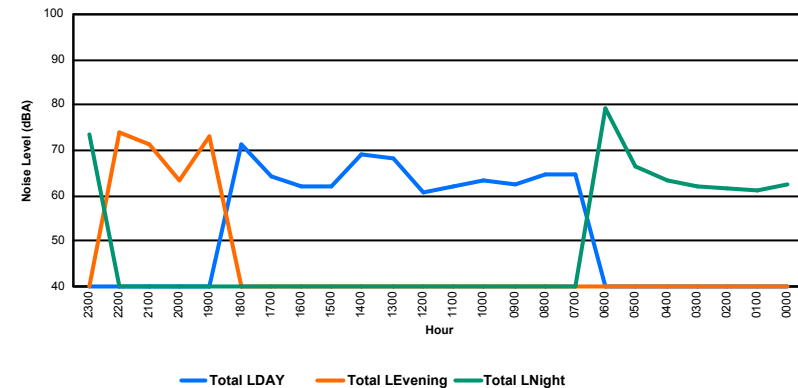
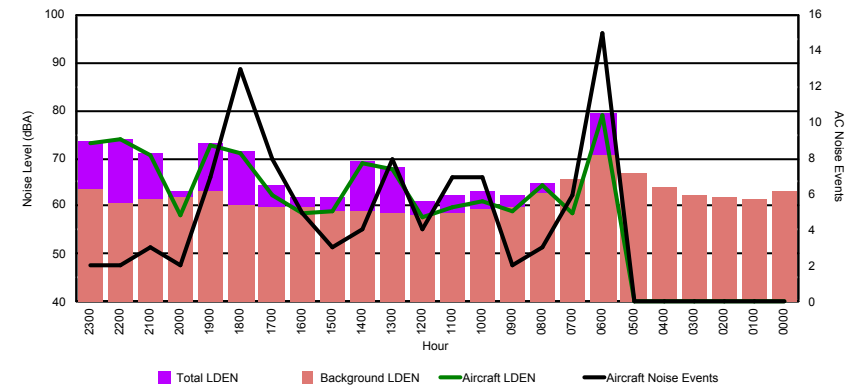


Luxembourg Airport Noise Distribution by Hour

Between 09/08/2017 00:00:00 and 09/08/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 09/08/17 0:00 | - | 62.7 | - | 63.2 | - | - | 62.7 |
| 09/08/17 1:00 | - | 61.2 | - | 61.3 | - | - | 61.2 |
| 09/08/17 2:00 | - | 61.5 | - | 61.7 | - | - | 61.5 |
| 09/08/17 3:00 | - | 62.2 | - | 62.2 | - | - | 62.2 |
| 09/08/17 4:00 | - | 63.6 | - | 63.8 | - | - | 63.6 |
| 09/08/17 5:00 | - | 66.5 | - | 67.0 | - | - | 66.5 |
| 09/08/17 6:00 | 15 | 79.3 | 79.0 | 70.7 | - | - | 79.3 |
| 09/08/17 7:00 | 6 | 64.9 | 58.4 | 65.7 | 64.9 | - | - |
| 09/08/17 8:00 | 3 | 64.6 | 64.3 | 62.8 | 64.6 | - | - |
| 09/08/17 9:00 | 2 | 62.3 | 59.1 | 59.6 | 62.3 | - | - |
| 09/08/17 10:00 | 7 | 63.2 | 61.1 | 59.2 | 63.2 | - | - |
| 09/08/17 11:00 | 7 | 62.1 | 59.7 | 58.6 | 62.1 | - | - |
| 09/08/17 12:00 | 4 | 60.9 | 57.7 | 58.2 | 60.9 | - | - |
| 09/08/17 13:00 | 8 | 68.2 | 67.8 | 58.6 | 68.2 | - | - |
| 09/08/17 14:00 | 4 | 69.2 | 68.8 | 58.8 | 69.2 | - | - |
| 09/08/17 15:00 | 3 | 62.0 | 59.1 | 59.1 | 62.0 | - | - |
| 09/08/17 16:00 | 5 | 62.0 | 58.5 | 59.6 | 62.0 | - | - |
| 09/08/17 17:00 | 8 | 64.2 | 62.5 | 59.6 | 64.2 | - | - |
| 09/08/17 18:00 | 13 | 71.3 | 71.0 | 60.0 | 71.3 | - | - |
| 09/08/17 19:00 | 7 | 73.1 | 72.7 | 63.0 | - | 73.1 | - |
| 09/08/17 20:00 | 2 | 63.3 | 58.2 | 61.7 | - | 63.3 | - |
| 09/08/17 21:00 | 3 | 71.2 | 70.7 | 61.5 | - | 71.2 | - |
| 09/08/17 22:00 | 2 | 73.9 | 73.8 | 60.8 | - | 73.9 | - |
| 09/08/17 23:00 | 2 | 73.6 | 73.2 | 63.4 | - | - | 73.6 |
| | 101 | 69.8 | 70.3 | 63.0 | 65.9 | 71.8 | 71.8 |

Location: NDB-Hamm NMT # 4





Luxembourg Airport Noise Distribution by Hour

Between 09/08/2017 00:00:00 and 09/08/2017 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) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 09/08/17 0:00 | - | 63.3 | - | 64.0 | - | - | 63.3 |
| 09/08/17 1:00 | - | 61.0 | - | 61.2 | - | - | 61.0 |
| 09/08/17 2:00 | - | 58.5 | - | 58.6 | - | - | 58.5 |
| 09/08/17 3:00 | - | 59.0 | - | 59.0 | - | - | 59.0 |
| 09/08/17 4:00 | - | 65.0 | - | 65.2 | - | - | 65.0 |
| 09/08/17 5:00 | - | 67.9 | - | 68.8 | - | - | 67.9 |
| 09/08/17 6:00 | 13 | 73.3 | 70.8 | 71.8 | - | - | 73.3 |
| 09/08/17 7:00 | 4 | 61.0 | 53.2 | 62.6 | 61.0 | - | - |
| 09/08/17 8:00 | 1 | 61.6 | 55.3 | 62.2 | 61.6 | - | - |
| 09/08/17 9:00 | 2 | 60.6 | 50.5 | 60.2 | 60.6 | - | - |
| 09/08/17 10:00 | 4 | 61.7 | 52.0 | 61.3 | 61.7 | - | - |
| 09/08/17 11:00 | 3 | 60.6 | 52.4 | 59.9 | 60.6 | - | - |
| 09/08/17 12:00 | 4 | 60.5 | 49.6 | 60.3 | 60.5 | - | - |
| 09/08/17 13:00 | 7 | 63.9 | 61.3 | 60.7 | 63.9 | - | - |
| 09/08/17 14:00 | 3 | 62.1 | 58.7 | 59.6 | 62.1 | - | - |
| 09/08/17 15:00 | 2 | 62.2 | 51.1 | 62.0 | 62.2 | - | - |
| 09/08/17 16:00 | 4 | 63.3 | 52.8 | 63.0 | 63.3 | - | - |
| 09/08/17 17:00 | 6 | 62.1 | 56.0 | 61.1 | 62.1 | - | - |
| 09/08/17 18:00 | 8 | 64.2 | 62.1 | 60.5 | 64.2 | - | - |
| 09/08/17 19:00 | 4 | 67.9 | 64.9 | 65.1 | - | 67.9 | - |
| 09/08/17 20:00 | - | 64.0 | - | 64.0 | - | 64.0 | - |
| 09/08/17 21:00 | 3 | 65.2 | 61.1 | 63.1 | - | 65.2 | - |
| 09/08/17 22:00 | 2 | 65.9 | 63.8 | 62.1 | - | 65.9 | - |
| 09/08/17 23:00 | 2 | 67.4 | 63.0 | 65.5 | - | - | 67.4 |
| | 72 | 65.0 | 61.9 | 64.0 | 62.2 | 66.0 | 67.1 |

